opentext™

GroupWise® Software Developer Kit
Administration REST API Guide

October 2023

Legal Notices

Contents

4

About This Guide

GroupWise Administration API provides GroupWise developers with access to events and actions that occur at the GroupWise Administration console.

This guide contains the following sections:

Audience

This guide is intended for GroupWise developers.

Feedback

We want to hear your comments and suggestions about this manual and the other documentation included with this product. Please use the **comment on this topic** feature at the bottom of each page of the online documentation.

Documentation Updates

For the most recent version of this guide, see the GroupWise Documentation website.

Documentation Conventions

In Open Text documentation, a greater-than symbol (>) is used to separate actions within a step and items in a cross-reference path.

1 Overview

In order for the GroupWise Administration console to be available, the GroupWise Administration service must be running. The GroupWise Administration API provides GroupWise developers with access to events and actions that occur at the GroupWise Administration console. The GroupWise Administration API uses Representational State Transfer (REST) architectural principals.

- "Information Resources" on page 9
- "GroupWise Administration Architecture" on page 10
- "GroupWise Admin Console" on page 10
- "GroupWise Admin API" on page 10
- "Directory Independence for Your GroupWise System" on page 11
- "Sample Code for the Admin API" on page 11
- "Supported and Recommended GroupWise APIs" on page 12

Information Resources

Before working with the GroupWise Admin API, you should be familiar with the following sources of information:

- Novell Developer Forum (http://forums.novell.com/forum.php)
- GroupWise Documentation website (https://www.novell.com/documentation/groupwise18/)
- REST (http://en.wikipedia.org/wiki/REST)
- JSON (http://www.json.org)
- jQuery (http://jquery.com)
- AJAX (http://api.jquery.com/jQuery.ajax)
- Jersey (http://jersey.java.net)
- Maven (http://maven.apache.org)
- Open API Interface (http://en.wikipedia.org/wiki/Open_API)
- CRUD Operations (http://en.wikipedia.org/wiki/Create,_read,_update_and_delete)
- Token-based Authentication (http://en.wikipedia.org/wiki/Security_token)

GroupWise Administration Architecture

Starting in GroupWise 2014, the GroupWise Admin service provides the GroupWise Admin console for managing your GroupWise system. The GroupWise Admin console replaces ConsoleOne, which was the GroupWise administration tool for earlier versions of GroupWise.

The GroupWise Admin service is automatically installed on each server where you create domains and post offices and install the GroupWise agents:

- Message Transfer Agent (MTA)
- Post Office Agent (POA)
- Document Viewer Agent (DVA)
- Internet Agent (GWIA)
- Monitor Agent

Because GroupWise administration is handled by a web service, you can access it from your web browser. You do not need to be on a specific machine where specific administration software has been installed. You do not need drive mappings to servers throughout your GroupWise system.

GroupWise Admin Console

The GroupWise agents have long had web consoles. The web-based GroupWise Admin console now provides all required administration functionality that was provided by ConsoleOne in earlier versions of GroupWise.

The GroupWise Admin console is available at the following URL:

```
https://ip_address:9710/gwadmin-console
```

The *GroupWise Administration Guide* details how to use the GroupWise Admin console to manage your GroupWise system.

GroupWise Admin API

The GroupWise Admin API provides you with access to events and actions that occur at the GroupWise Admin console.

The Admin API is available at the following URL:

```
https://server_address:9710/gwadmin-service/static/apidocs/index.html
```

The main Admin API page appears:

This guide details how to use the Admin API to customize GroupWise administration. In addition, online documentation located on each GroupWise server provides a complete list of Admin API resources through the **Detailed Documentation** links on the Admin API page.

Directory Independence for Your GroupWise System

Versions of GroupWise before GroupWise 2014 were dependent on NetIQ eDirectory for the storage of object data. GroupWise can store all its object data internally (using no external directory service), or it can be configured to integrate with NetIQ eDirectory, Microsoft Active Directory, or any other LDAP directory service.

When you initially install GroupWise, it is not configured to integrate with any directory service. When you update from an earlier version of GroupWise, you can configure GroupWise to continue to integrate with eDirectory, or you can configure it differently as needed.

Although GroupWise can be configured to not use a directory service, directory services have advantages:

- ◆ User information such as login credentials can be accessed by GroupWise as well as by other user applications across your network.
- ◆ Administrative roles can be defined so that GroupWise administrators can be authorized to perform various subsets of administrative tasks.

If you choose to use a directory service with GroupWise, object data can be synchronized from the directory service to GroupWise as needed. Synchronization from GroupWise to the directory service is not yet available in GroupWise.

Sample Code for the Admin API

Two Readmes help you use the sample code that is available for the Admin API:

- ◆ GroupWIse Admin SDK Readme (`gwsdk_gwadminweb_readme.txt`)

The SDK Readme covers the documentation and sample code that is included in the SDK.

◆ GroupWise Admin API Sample Code Readme (`readme.txt`)

The API Sample Code Readme is located in the `docs` subdirectory of the SDK download. It covers system requirements and instructions for working with the sample code.

Sample Requests and Responses provides detailed examples of JSON and XML requests and responses:

◆ "Samples by GroupWise Object" on page 17

◆ "Samples by Task" on page 19

Supported and Recommended GroupWise APIs

◆ The GroupWise Administration (REST) API is fully supported for use with GroupWise 18 and beyond.

◆ The GroupWise Web Service (SOAP) API is fully supported for use with GroupWise 18 and beyond.

It is also supported with GroupWise 2012 and GroupWise 8.

◆ The GroupWise Administration Object API is no longer supported and has limited application in GroupWise 18 and later versions.

As long as existing eDirectory objects are still present, the Admin Object API will continue to work with GroupWise 18 and later versions. We recommend moving to the new GroupWise Administration (REST) API. The capabilities provided by the legacy Admin Object API are provided much more effectively by the Administration (REST) API and the Web Service (SOAP) API.

2 Working with the GroupWise Administration Service

The GroupWise Administration service is installed and configured wherever you install the GroupWise agents. For system requirements and installation instructions, see the *GroupWise Installation Guide*.

3 Admin API Resources

Documentation for the GroupWise Admin API is available on the server where the Admin service is installed:

`https://server_address:9710/gwadmin-service/static/apidocs/index.html`

The **Detailed Documentation** link provides a complete resources listing of the APIs available.

IMPORTANT: Refer to the listing displayed on your GroupWise server for the most current information. The information in this guide might not be as current as the information available on your GroupWise server.

A copy of the GroupWise Admin REST API resource documentation can be found at the following link: gwadmin-service

A   Sample Requests and Responses

Samples by GroupWise Object

GroupWise Objects	Tasks
◆ GroupWise system	Requesting Statistical Information about the GroupWise System
	Requesting Configuration Information about the GroupWise System
◆ Domains	Requesting a List of Domains in the GroupWise System
	Requesting Configuration Information about a Domain
	Finding a Domain by Name
	Finding a Domain by Type
◆ Post offices	Requesting a List of Post Offices in a Domain
	Finding a Post Office
◆ Users	Requesting a List of Users in the GroupWise System
	Requesting a List of Users in the GroupWise System Using a Wildcard Character
	Requesting a List of Users in a Domain
	Requesting a List of Users in a Post Office
	Requesting a List of User Attributes
	Creating a GroupWise User
	Creating an External User
	Adding a Member to a Group
	Renaming a User
	Moving Users to a Different Post Office
	Finding a User in the GroupWise System
	Finding a User in a Domain
	Finding a User in a Post Office
	Requesting a List of Group Memberships for a User
	Requesting a List of Nicknames for a User
	Requesting a List of Resources That a User Owns
	Requesting the Client Options for a User

GroupWise Objects	Tasks
◆ Groups	Requesting a List of Groups in the GroupWise System
	Requesting a List of Groups in a Domain
	Requesting a List of Groups in a Post Office
	Requesting a List of Group Memberships for a User
	Requesting an Access Control List for a Group
	Creating a GroupWise Group
	Adding a Member to a Group
	Updating the Participation of a Member of a Group
	Moving a Group to a Different Post Office
	Performing a Batch Operation to Add Members to a Group
	Performing a Batch Operation to Modify Members of a Group
	Performing a Batch Operation to Add ACL Members to a Group
	Performing a Batch Operation to Modify ACL Members of a Group
◆ Resources	Requesting a List of Resources in the GroupWise System
	Requesting a List of Resources in a Domain
	Requesting a List of Resources in a Post Office
	Requesting a List of Resources That a User Owns
	Creating a GroupWise Resource
	Moving a Resource to a Different Post Office
◆ Nicknames	Requesting a List of Nicknames in the GroupWise System
	Requesting a List of Nicknames in a Domain
	Requesting a List of Nicknames in a Post Office
	Requesting a List of Nicknames for a User
	Creating a GroupWise Nickname
◆ Agents	Requesting Configuration Information about an MTA
	Requesting Configuration Information about a POA
◆ Trusted applications	Creating a Trusted Application Record
	Updating a Trusted Application Record
	Deleting a Trusted Application Record

Samples by Task

Tasks   **Related GroupWise Objects**

◆ Requesting a list   Requesting a List of Domains in the GroupWise System
                          Requesting a List of Post Offices in a Domain
                          Requesting a List of Users in the GroupWise System
                          Requesting a List of Users in the GroupWise System Using a Wildcard Character
                          Requesting a List of Users in a Domain
                          Requesting a List of Users in a Post Office
                          Requesting a List of User Attributes
                          Requesting a List of Groups in the GroupWise System
                          Requesting a List of Groups in a Domain
                          Requesting a List of Groups in a Post Office
                          Requesting a List of Group Memberships for a User
                          Requesting an Access Control List for a Group
                          Requesting a List of Resources in the GroupWise System
                          Requesting a List of Resources in a Domain
                          Requesting a List of Resources in a Post Office
                          Requesting a List of Resources That a User Owns
                          Requesting a List of Nicknames in the GroupWise System
                          Requesting a List of Nicknames in a Domain
                          Requesting a List of Nicknames in a Post Office
                          Requesting a List of Nicknames for a User
                          Requesting Configuration Information about a POA

◆ Requesting   Requesting Statistical Information about the GroupWise System
   information   Requesting Configuration Information about the GroupWise System
                          Requesting Configuration Information about a Domain
                          Requesting Configuration Information about an MTA
                          Requesting the Client Options for a User

◆ Creating   Creating a GroupWise User
                          Creating an External User
                          Creating a GroupWise Group
                          Creating a GroupWise Resource
                          Creating a GroupWise Nickname
                          Creating a Trusted Application Record

◆ Renaming   Renaming a User

◆ Finding   Finding a Domain by Name
                          Finding a Domain by Type
                          Finding a Post Office
                          Finding a User in the GroupWise System
                          Finding a User in a Domain
                          Finding a User in a Post Office

Tasks	Related GroupWise Objects
◆ Moving	Moving Users to a Different Post Office
	Moving a Group to a Different Post Office
	Moving a Resource to a Different Post Office
◆ Deleting	Deleting a User from the GroupWise System
	Deleting a User That Owns Resources from the GroupWise System
	Deleting a User That Has Been Moved from the GroupWise System
	Deleting a Group from the GroupWise System
	Deleting a Member from a Group
	Deleting a Resource from the GroupWise System
	Deleting a Nickname from the GroupWise System
◆ Modifying Client Options	Requesting the Client Options for a User
	Updating the Client Options of a User
	Setting the GroupWise Password of a User
	Clearing the GroupWise Password of a User
	Restoring the Compose Views of a User
	Modifying the Send Priority Settings of a User
	Modifying the Calendar Settings of a User
	Modifying the Alarm Settings of a User
	Disabling and Locking the Publish Free Busy Setting of a User
	Enabling the Vibe Access and Configuring the Vibe URL of a User
◆ Working with double-byte characters	Creating a GroupWise User with Chinese Characters in the Last Name
	Updating a User's First Name That Has Chinese Characters
	Finding a User's Last Name That Has Chinese Characters
◆ Performing batch operations	Performing a Batch Operation to Add Members to a Group
	Performing a Batch Operation to Modify Members of a Group
	Performing a Batch Operation to Add ACL Members to a Group
	Performing a Batch Operation to Modify ACL Members of a Group

Requesting a List of Domains in the GroupWise System

```
Request:
GET https://localhost:9710/gwadmin-service/domains

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "DOMAIN.testDom1",
  "guid" : "BC755C40-086F-0000-AE24-CEFE66AF19D4",
  "name" : "testDom1",
  "links" : null,
  "timeCreated" : null,
  "timeLastMod" : 1370885999000,
  "legacyDn" : null,
```

```
"lastModifiedBy" : "Unknown admin",
"lastModifiedOp" : "ADD",
"pendingOp" : null,
"allowedAddressFormats" : null,
"addressBookView" : null,
"alternateInternetAgentName" : null,
"enableICalBrowse" : null,
"databaseVersion" : null,
"defaultInternetAgentName" : null,
"defaultWebAccess" : null,
"description" : null,
"directoryName" : null,
"directorySyncDomainName" : "testDom1",
"domainRebuildCount" : 0,
"domainType" : "PRIMARY",
"domainVersion" : 1212,
"externalSync" : null,
"fileId" : "tesf6f",
"gwId" : null,
"hideUserComments" : null,
"internetDomainName" : null,
"language" : "English - US",
"languageId" : "0",
"linkedDomainName" : null,
"lockoutOldAdmin" : null,
"minimumAdminReleaseDate" : null,
"minimumAdminVersion" : null,
"platform" : null,
"preferredAddressFormat" : null,
"timezone" : "(GMT-07:00) Mountain Time (US & Canada)",
"timezoneId" : "MST",
"path" : "C:\\Novell\\GroupWise\\testDomain1\\",
"adminChanges" : null,
"mtaAddress" : null,
"mtaMtpPort" : null,
"mtaHttpPort" : null,
"mtaAdminPort" : null,
"remoteCreation" : null,
"notifyUser" : null,
"clearNotifyUser" : false,
"connected" : true,
"@type" : "domain",
"@url" : "/gwadmin-service/domains/testDom1"
}, {
"id" : "DOMAIN.testDom2",
"guid" : "5FC6CEE0-08FE-0000-8A08-5BB4E7C4BAB9",
"name" : "testDom2",
"links" : null,
"timeCreated" : 1370968862000,
"timeLastMod" : 1370968863000,
"legacyDn" : null,
"lastModifiedBy" : "Unknown admin",
"lastModifiedOp" : "MODIFY",
"pendingOp" : "MODIFY",
"allowedAddressFormats" : null,
```

```
      "addressBookView" : null,
      "alternateInternetAgentName" : null,
      "enableICalBrowse" : null,
      "databaseVersion" : null,
      "defaultInternetAgentName" : null,
      "defaultWebAccess" : null,
      "description" : null,
      "directoryName" : null,
      "directorySyncDomainName" : "testDom2",
      "domainRebuildCount" : 1,
      "domainType" : "SECONDARY",
      "domainVersion" : 1212,
      "externalSync" : null,
      "fileId" : "tesfebe",
      "gwId" : null,
      "hideUserComments" : null,
      "internetDomainName" : null,
      "language" : "English - US",
      "languageId" : "0",
      "linkedDomainName" : null,
      "lockoutOldAdmin" : null,
      "minimumAdminReleaseDate" : null,
      "minimumAdminVersion" : null,
      "platform" : null,
      "preferredAddressFormat" : null,
      "timezone" : "(GMT-07:00) Mountain Time (US & Canada)",
      "timezoneId" : "MST",
      "path" : "C:\\Novell\\GroupWise\\testDomain2",
      "adminChanges" : null,
      "mtaAddress" : null,
      "mtaMtpPort" : null,
      "mtaHttpPort" : null,
      "mtaAdminPort" : null,
      "remoteCreation" : null,
      "notifyUser" : null,
      "clearNotifyUser" : false,
      "connected" : false,
      "@type" : "domain",
      "@url" : "/gwadmin-service/domains/testDom2"
    }, {
      "id" : "DOMAIN.testExtDom1",
      "guid" : "7F95C180-0904-0000-8A08-C421ECE16D93",
      "name" : "testExtDom1",
      "links" : null,
      "timeCreated" : 1370971492000,
      "timeLastMod" : 1370971492000,
      "legacyDn" : null,
      "lastModifiedBy" : "admin.testSystem1",
      "lastModifiedOp" : "ADD",
      "pendingOp" : null,
      "allowedAddressFormats" : null,
      "addressBookView" : null,
      "alternateInternetAgentName" : null,
      "enableICalBrowse" : null,
      "databaseVersion" : null,
```

```
    "defaultInternetAgentName" : null,
    "defaultWebAccess" : null,
    "description" : null,
    "directoryName" : null,
    "directorySyncDomainName" : "testExtDom1",
    "domainRebuildCount" : 0,
    "domainType" : "EXTERNAL_GROUPWISE",
    "domainVersion" : 1212,
    "externalSync" : null,
    "fileId" : "tes904",
    "gwId" : null,
    "hideUserComments" : null,
    "internetDomainName" : null,
    "language" : "English - US",
    "languageId" : "0",
    "linkedDomainName" : null,
    "lockoutOldAdmin" : null,
    "minimumAdminReleaseDate" : null,
    "minimumAdminVersion" : null,
    "platform" : null,
    "preferredAddressFormat" : null,
    "timezone" : "(GMT-07:00) Mountain Time (US & Canada)",
    "timezoneId" : "MST",
    "path" : null,
    "adminChanges" : null,
    "mtaAddress" : null,
    "mtaMtpPort" : null,
    "mtaHttpPort" : null,
    "mtaAdminPort" : null,
    "remoteCreation" : null,
    "notifyUser" : null,
    "clearNotifyUser" : false,
    "connected" : false,
    "@type" : "domain",
    "@url" : "/gwadmin-service/domains/testExtDom1"
} ]
```

XML Response:
```
<list>
  <domain>
    <id>DOMAIN.testDom1</id>
    <guid>BC755C40-086F-0000-AE24-CEFE66AF19D4</guid>
    <name>testDom1</name>
    <objType>domain</objType>
    <url>/gwadmin-service/domains/testDom1</url>
    <timeLastMod>1370885999000</timeLastMod>
    <lastModifiedBy>Unknown admin</lastModifiedBy>
    <lastModifiedOp>ADD</lastModifiedOp>
    <forceNullOnAttrs/>
    <directorySyncDomainName>testDom1</directorySyncDomainName>
    <domainRebuildCount>0</domainRebuildCount>
    <domainType>PRIMARY</domainType>
    <domainVersion>1212</domainVersion>
    <fileId>tesf6f</fileId>
    <language>English - US</language>
```

```xml
      <languageId>0</languageId>
      <timezone>(GMT-07:00) Mountain Time (US &amp; Canada)</timezone>
      <timezoneId>MST</timezoneId>
      <path>C:\Novell\GroupWise\testDomain1\</path>
      <clearNotifyUser>false</clearNotifyUser>
      <connected>true</connected>
    </domain>
    <domain>
      <id>DOMAIN.testDom2</id>
      <guid>5FC6CEE0-08FE-0000-8A08-5BB4E7C4BAB9</guid>
      <name>testDom2</name>
      <objType>domain</objType>
      <url>/gwadmin-service/domains/testDom2</url>
      <timeCreated>1370968862000</timeCreated>
      <timeLastMod>1370968863000</timeLastMod>
      <lastModifiedBy>Unknown admin</lastModifiedBy>
      <lastModifiedOp>MODIFY</lastModifiedOp>
      <pendingOp>MODIFY</pendingOp>
      <forceNullOnAttrs/>
      <directorySyncDomainName>testDom2</directorySyncDomainName>
      <domainRebuildCount>1</domainRebuildCount>
      <domainType>SECONDARY</domainType>
      <domainVersion>1212</domainVersion>
      <fileId>tesfebe</fileId>
      <language>English - US</language>
      <languageId>0</languageId>
      <timezone>(GMT-07:00) Mountain Time (US &amp; Canada)</timezone>
      <timezoneId>MST</timezoneId>
      <path>C:\Novell\GroupWise\testDomain2</path>
      <clearNotifyUser>false</clearNotifyUser>
      <connected>false</connected>
    </domain>
    <domain>
      <id>DOMAIN.testExtDom1</id>
      <guid>7F95C180-0904-0000-8A08-C421ECE16D93</guid>
      <name>testExtDom1</name>
      <objType>domain</objType>
      <url>/gwadmin-service/domains/testExtDom1</url>
      <timeCreated>1370971492000</timeCreated>
      <timeLastMod>1370971492000</timeLastMod>
      <lastModifiedBy>admin.testSystem1</lastModifiedBy>
      <lastModifiedOp>ADD</lastModifiedOp>
```

```
        <forceNullOnAttrs/>
        <directorySyncDomainName>testExtDom1</directorySyncDomainName>
        <domainRebuildCount>0</domainRebuildCount>
        <domainType>EXTERNAL_GROUPWISE</domainType>
        <domainVersion>1212</domainVersion>
        <fileId>tes904</fileId>
        <language>English - US</language>
        <languageId>0</languageId>
        <timezone>(GMT-07:00) Mountain Time (US &amp; Canada)</timezone>
        <timezoneId>MST</timezoneId>
        <clearNotifyUser>false</clearNotifyUser>
        <connected>false</connected>
    </domain>
</list>
```

Requesting a List of Post Offices in a Domain

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "POST_OFFICE.testDom1.testPO1",
  "guid" : "56A986B0-0870-0000-8A08-FB644894ACE1",
  "name" : "testPO1",
  "links" : null,
  "timeCreated" : 1370907858000,
  "timeLastMod" : 1370907860000,
  "legacyDn" : null,
  "lastModifiedBy" : "Unknown admin",
  "lastModifiedOp" : "MODIFY",
  "pendingOp" : null,
  "adminChanges" : null,
  "accessMode" : "CLIENT_SERVER",
  "allowedAddressFormats" : null,
  "archiveServiceTrustedAppName" : null,
  "clientLockout" : null,
  "clientLockoutDate" : null,
  "clientLockoutVersion" : null,
  "defaultInternetAgentName" : null,
  "description" : null,
  "domainName" : "testDom1",
  "deliveryMode" : "APP_THRESHOLD",
  "disableDeltaRecords" : null,
  "disableLdapPasswordChange" : null,
  "disableLiveMove" : null,
  "disableLogins" : false,
  "deltaRecordsMaxAge" : null,
  "enableICalBrowse" : null,
  "externalRecord" : false,
  "externalSync" : null,
```

```
      "fileId" : "tes1072",
      "gwId" : null,
      "internetDomainName" : null,
      "intruderDetection" : true,
      "intruderLockoutAttempts" : 5,
      "intruderLockoutAttemptsInterval" : 30,
      "intruderLockoutResetInterval" : 30,
      "language" : "English - US",
      "languageId" : "0",
      "ldapDefaultDirectory" : null,
      "ldapUser" : null,
      "ldapPassword" : null,
      "ldapInactiveConnectionTimeout" : null,
      "ldapPoolServerResetTimeout" : null,
      "ldapQuarantineThreshold" : null,
      "linkAddress" : "C:\\Novell\\GroupWise\\testPostOffice1",
      "linkAddressType" : "TCP_IP",
      "mtpAppName" : "POA",
      "mtpMaxSendSize" : null,
      "platform" : null,
      "postOfficeVersion" : 1212,
      "preferredAddressFormat" : null,
      "remoteUser" : null,
      "remotePassword" : null,
      "restoreAreaName" : null,
      "securitySettings" : [ "HIGH" ],
      "softwareAreaGuid" : null,
      "softwareVersion" : null,
      "syncContext" : null,
      "timezone" : "(GMT-07:00) Mountain Time (US & Canada)",
      "timezoneId" : "MST",
      "path" : "C:\\Novell\\GroupWise\\testPostOffice1",
      "associationsUpdate" : null,
      "poaAddress" : null,
      "poaCsPort" : null,
      "poaMtpPort" : null,
      "poaHttpPort" : null,
      "timeStamp" : null,
      "clientUpdateBumpNumber" : 0,
      "poaAdminPort" : null,
      "remoteCreation" : null,
      "displayName" : "testPO1",
      "draggable" : true,
      "@type" : "postOffice",
      "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1"
} ]

XML Response:
<list>
  <postOffice>
    <id>POST_OFFICE.testDom1.testPO1</id>
    <guid>56A986B0-0870-0000-8A08-FB644894ACE1</guid>
    <name>testPO1</name>
    <objType>postOffice</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1</url>
```

```
      <timeCreated>1370907858000</timeCreated>
      <timeLastMod>1370907860000</timeLastMod>
      <lastModifiedBy>Unknown admin</lastModifiedBy>
      <lastModifiedOp>MODIFY</lastModifiedOp>
      <forceNullOnAttrs/>
      <accessMode>CLIENT_SERVER</accessMode>
      <domainName>testDom1</domainName>
      <deliveryMode>APP_THRESHOLD</deliveryMode>
      <disableLogins>false</disableLogins>
      <externalEntity>false</externalEntity>
      <externalRecord>false</externalRecord>
      <fileId>tes1072</fileId>
      <intruderDetection>true</intruderDetection>
      <intruderLockoutAttempts>5</intruderLockoutAttempts>
      <intruderLockoutAttemptsInterval>30</intruderLockoutAttemptsInterval>
      <intruderLockoutResetInterval>30</intruderLockoutResetInterval>
      <language>English - US</language>
      <languageId>0</languageId>
      <linkAddress>C:\Novell\GroupWise\testPostOffice1</linkAddress>
      <linkAddressType>TCP_IP</linkAddressType>
      <mtpAppName>POA</mtpAppName>
      <postOfficeVersion>1212</postOfficeVersion>
      <securitySettings class="AttrNoUsed">HIGH</securitySettings>
      <timezone>(GMT-07:00) Mountain Time (US &amp; Canada)</timezone>
      <timezoneId>MST</timezoneId>
      <path>C:\Novell\GroupWise\testPostOffice1</path>
      <clientUpdateBumpNumber>0</clientUpdateBumpNumber>
   </postOffice>
</list>
```

Requesting a List of Users in the GroupWise System

```
JSON Request:
GET/XML https://localhost:9710/gwadmin-service/list/USER

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "USER.testDom1.testPO1.testChineseUser1",
  "guid" : "3D438970-09EF-0000-8A08-20888CC82C5A",
  "name" : "testChineseUser1",
  "links" : null,
  "timeCreated" : 1371072312000,
  "timeLastMod" : 1371072312000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
```

```
"visibility" : "SYSTEM",
"defaultInternetAgentName" : null,
"allowedAddressFormats" : null,
"internetDomainName" : null,
"preferredAddressFormat" : null,
"preferredEmailId" : null,
"moveStatus" : null,
"ldapDn" : null,
"ldapId" : null,
"directoryId" : null,
"enableICalBrowse" : null,
"restoreArea" : null,
"expirationDate" : 0,
"externalRecord" : null,
"externalSync" : null,
"fileId" : "77i",
"accountId" : null,
"city" : null,
"company" : null,
"country" : null,
"department" : null,
"externalEntity" : null,
"externalSyncOverride" : null,
"faxNumber" : null,
"gatewayAccess" : null,
"givenName" : null,
"gwId" : null,
"homePhoneNumber" : null,
"ldapAuthentication" : null,
"location" : null,
"lastClientLoginTime" : null,
"lastClientType" : null,
"loginDisabled" : null,
"mailboxId" : null,
"middleInitial" : null,
"mobilePhoneNumber" : null,
"networkId" : null,
"otherPhoneNumber" : null,
"pagerNumber" : null,
"postalZipCode" : null,
"postOfficeBox" : null,
"stateProvince" : null,
"streetAddress" : null,
"suffix" : null,
"surname" : "????",
"telephoneNumber" : null,
"title" : null,
"groupAccessControlUpdateList" : null,
"groupMembersUpdateList" : null,
"adminDefined1" : null,
"adminDefined2" : null,
"adminDefined3" : null,
"adminDefined4" : null,
"adminDefined5" : null,
"adminDefined6" : null,
```

```
      "adminDefined7" : null,
      "adminDefined8" : null,
      "adminDefined9" : null,
      "adminDefined10" : null,
      "adminDefined11" : null,
      "adminDefined12" : null,
      "adminDefined13" : null,
      "adminDefined14" : null,
      "adminDefined15" : null,
      "adminDefined16" : null,
      "adminDefined17" : null,
      "adminDefined18" : null,
      "adminDefined19" : null,
      "adminDefined20" : null,
      "mailboxSizeMb" : null,
      "mailboxLicenseType" : null,
      "moveComplete" : null,
      "directoryUser" : false,
      "@type" : "user",
      "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testChineseUser1"
    }, {
      "id" : "USER.testExtDom1.testExtPO1.testExtUser1",
      "guid" : null,
      "name" : "testExtUser1",
      "links" : null,
      "timeCreated" : 1371072312000,
      "timeLastMod" : 1371072312000,
      "legacyDn" : null,
      "lastModifiedBy" : "admin.testSystem1",
      "lastModifiedOp" : "ADD",
      "pendingOp" : null,
      "domainName" : "testExtDom1",
      "postOfficeName" : "testExtPO1",
      "description" : null,
      "emailAddresses" : null,
      "visibility" : "SYSTEM",
      "defaultInternetAgentName" : null,
      "allowedAddressFormats" : null,
      "internetDomainName" : null,
      "preferredAddressFormat" : null,
      "preferredEmailId" : null,
      "moveStatus" : null,
      "ldapDn" : null,
      "ldapId" : null,
      "directoryId" : null,
      "enableICalBrowse" : null,
      "restoreArea" : null,
      "expirationDate" : 0,
      "externalRecord" : true,
      "externalSync" : null,
      "fileId" : null,
      "accountId" : null,
      "city" : null,
      "company" : null,
```

```
"country" : null,
"department" : null,
"externalEntity" : null,
"externalSyncOverride" : null,
"faxNumber" : null,
"gatewayAccess" : null,
"givenName" : null,
"gwId" : null,
"homePhoneNumber" : null,
"ldapAuthentication" : null,
"location" : null,
"lastClientLoginTime" : null,
"lastClientType" : null,
"loginDisabled" : null,
"mailboxId" : null,
"middleInitial" : null,
"mobilePhoneNumber" : null,
"networkId" : null,
"otherPhoneNumber" : null,
"pagerNumber" : null,
"postalZipCode" : null,
"postOfficeBox" : null,
"stateProvince" : null,
"streetAddress" : null,
"suffix" : null,
"surname" : null,
"telephoneNumber" : null,
"title" : null,
"groupAccessControlUpdateList" : null,
"groupMembersUpdateList" : null,
"adminDefined1" : null,
"adminDefined2" : null,
"adminDefined3" : null,
"adminDefined4" : null,
"adminDefined5" : null,
"adminDefined6" : null,
"adminDefined7" : null,
"adminDefined8" : null,
"adminDefined9" : null,
"adminDefined10" : null,
"adminDefined11" : null,
"adminDefined12" : null,
"adminDefined13" : null,
"adminDefined14" : null,
"adminDefined15" : null,
"adminDefined16" : null,
"adminDefined17" : null,
"adminDefined18" : null,
"adminDefined19" : null,
"adminDefined20" : null,
"mailboxSizeMb" : null,
"mailboxLicenseType" : null,
"moveComplete" : null,
"directoryUser" : false,
"@type" : "user",
```

```
    "@url" : "/gwadmin-service/domains/testExtDom1/postoffices/testExtPO1/
users/testExtUser1"
}, {
  "id" : "USER.testDom1.testPO1.testUser1",
  "guid" : "3C0BF3D0-09EF-0000-8A08-20888CC82C5A",
  "name" : "testUser1",
  "links" : null,
  "timeCreated" : 1371072310000,
  "timeLastMod" : 1371072310000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "enableICalBrowse" : null,
  "restoreArea" : null,
  "expirationDate" : 0,
  "externalRecord" : null,
  "externalSync" : null,
  "fileId" : "fri",
  "accountId" : null,
  "city" : null,
  "company" : null,
  "country" : null,
  "department" : null,
  "externalEntity" : null,
  "externalSyncOverride" : null,
  "faxNumber" : null,
  "gatewayAccess" : null,
  "givenName" : null,
  "gwId" : null,
  "homePhoneNumber" : null,
  "ldapAuthentication" : null,
  "location" : null,
  "lastClientLoginTime" : null,
  "lastClientType" : null,
  "loginDisabled" : null,
  "mailboxId" : null,
  "middleInitial" : null,
  "mobilePhoneNumber" : null,
  "networkId" : null,
  "otherPhoneNumber" : null,
```

```
      "pagerNumber" : null,
      "postalZipCode" : null,
      "postOfficeBox" : null,
      "stateProvince" : null,
      "streetAddress" : null,
      "suffix" : null,
      "surname" : "testSurname1",
      "telephoneNumber" : null,
      "title" : null,
      "groupAccessControlUpdateList" : null,
      "groupMembersUpdateList" : null,
      "adminDefined1" : null,
      "adminDefined2" : null,
      "adminDefined3" : null,
      "adminDefined4" : null,
      "adminDefined5" : null,
      "adminDefined6" : null,
      "adminDefined7" : null,
      "adminDefined8" : null,
      "adminDefined9" : null,
      "adminDefined10" : null,
      "adminDefined11" : null,
      "adminDefined12" : null,
      "adminDefined13" : null,
      "adminDefined14" : null,
      "adminDefined15" : null,
      "adminDefined16" : null,
      "adminDefined17" : null,
      "adminDefined18" : null,
      "adminDefined19" : null,
      "adminDefined20" : null,
      "mailboxSizeMb" : null,
      "mailboxLicenseType" : null,
      "moveComplete" : null,
      "directoryUser" : false,
      "@type" : "user",
      "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1"
} ]
```

```
XML Response:
<list>
  <user>
    <id>USER.testDom1.testPO1.testChineseUser1</id>
    <guid>D9ACBC50-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testChineseUser1</name>
    <objType>user</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testChineseUser1</url>
    <timeCreated>1371072575000</timeCreated>
    <timeLastMod>1371072575000</timeLastMod>
    <lastModifiedBy>admin.testSystem1</lastModifiedBy>
    <lastModifiedOp>ADD</lastModifiedOp>
    <forceNullOnAttrs/>
    <domainName>testDom1</domainName>
```

```
        <postOfficeName>testPO1</postOfficeName>
        <visibility>SYSTEM</visibility>
        <fileId>iit</fileId>
        <surname>????</surname>
    </user>
    <user>
        <id>USER.testExtDom1.testExtPO1.testExtUser1</id>
        <name>testExtUser1</name>
        <objType>user</objType>
        <url>/gwadmin-service/domains/testExtDom1/postoffices/testExtPO1/
users/testExtUser1</url>
        <timeCreated>1371072575000</timeCreated>
        <timeLastMod>1371072575000</timeLastMod>
        <lastModifiedBy>admin.testSystem1</lastModifiedBy>
        <lastModifiedOp>ADD</lastModifiedOp>
        <forceNullOnAttrs/>
        <domainName>testExtDom1</domainName>
        <postOfficeName>testExtPO1</postOfficeName>
        <visibility>SYSTEM</visibility>
        <externalRecord>true</externalRecord>
    </user>
    <user>
        <id>USER.testDom1.testPO1.testUser1</id>
        <guid>D8C01260-09EF-0000-8A08-20888CC82C5A</guid>
        <name>testUser1</name>
        <objType>user</objType>
        <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1</url>
        <timeCreated>1371072573000</timeCreated>
        <timeLastMod>1371072573000</timeLastMod>
        <lastModifiedBy>admin.testSystem1</lastModifiedBy>
        <lastModifiedOp>ADD</lastModifiedOp>
        <forceNullOnAttrs/>
        <domainName>testDom1</domainName>
        <postOfficeName>testPO1</postOfficeName>
        <visibility>SYSTEM</visibility>
        <fileId>q2t</fileId>
        <surname>testSurname1</surname>
    </user>
</list>
```

Requesting a List of Users in the GroupWise System Using a Wildcard Character

```
Request:
GET https://localhost:9710/gwadmin-service/list/USER?name=testGroupMember*

Response Status:
200 - OK
```

NOTE: The ?name query automatically does end of name wildcard searching.

Requesting a List of Users in a Domain

```
Request:
GET https://localhost:9710/gwadmin-service/list/USER/DOMAIN.testDom1

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "USER.testDom1.testPO1.testChineseUser1",
  "guid" : "3D438970-09EF-0000-8A08-20888CC82C5A",
  "name" : "testChineseUser1",
  "links" : null,
  "timeCreated" : 1371072312000,
  "timeLastMod" : 1371072312000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "enableICalBrowse" : null,
  "restoreArea" : null,
  "expirationDate" : 0,
  "externalRecord" : null,
  "externalSync" : null,
  "fileId" : "77i",
  "accountId" : null,
  "city" : null,
  "company" : null,
  "country" : null,
  "department" : null,
  "externalEntity" : null,
  "externalSyncOverride" : null,
  "faxNumber" : null,
  "gatewayAccess" : null,
  "givenName" : null,
  "gwId" : null,
  "homePhoneNumber" : null,
  "ldapAuthentication" : null,
  "location" : null,
```

```
"lastClientLoginTime" : null,
"lastClientType" : null,
"loginDisabled" : null,
"mailboxId" : null,
"middleInitial" : null,
"mobilePhoneNumber" : null,
"networkId" : null,
"otherPhoneNumber" : null,
"pagerNumber" : null,
"postalZipCode" : null,
"postOfficeBox" : null,
"stateProvince" : null,
"streetAddress" : null,
"suffix" : null,
"surname" : "????",
"telephoneNumber" : null,
"title" : null,
"groupAccessControlUpdateList" : null,
"groupMembersUpdateList" : null,
"adminDefined1" : null,
"adminDefined2" : null,
"adminDefined3" : null,
"adminDefined4" : null,
"adminDefined5" : null,
"adminDefined6" : null,
"adminDefined7" : null,
"adminDefined8" : null,
"adminDefined9" : null,
"adminDefined10" : null,
"adminDefined11" : null,
"adminDefined12" : null,
"adminDefined13" : null,
"adminDefined14" : null,
"adminDefined15" : null,
"adminDefined16" : null,
"adminDefined17" : null,
"adminDefined18" : null,
"adminDefined19" : null,
"adminDefined20" : null,
"mailboxSizeMb" : null,
"mailboxLicenseType" : null,
"moveComplete" : null,
"directoryUser" : false,
"@type" : "user",
"@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testChineseUser1"
}, {
"id" : "USER.testDom1.testPO1.testUser1",
"guid" : "3C0BF3D0-09EF-0000-8A08-20888CC82C5A",
"name" : "testUser1",
"links" : null,
"timeCreated" : 1371072310000,
"timeLastMod" : 1371072310000,
"legacyDn" : null,
"lastModifiedBy" : "admin.testSystem1",
```

```
"lastModifiedOp" : "ADD",
"pendingOp" : null,
"domainName" : "testDom1",
"postOfficeName" : "testPO1",
"description" : null,
"emailAddresses" : null,
"visibility" : "SYSTEM",
"defaultInternetAgentName" : null,
"allowedAddressFormats" : null,
"internetDomainName" : null,
"preferredAddressFormat" : null,
"preferredEmailId" : null,
"moveStatus" : null,
"ldapDn" : null,
"ldapId" : null,
"directoryId" : null,
"enableICalBrowse" : null,
"restoreArea" : null,
"expirationDate" : 0,
"externalRecord" : null,
"externalSync" : null,
"fileId" : "fri",
"accountId" : null,
"city" : null,
"company" : null,
"country" : null,
"department" : null,
"externalEntity" : null,
"externalSyncOverride" : null,
"faxNumber" : null,
"gatewayAccess" : null,
"givenName" : null,
"gwId" : null,
"homePhoneNumber" : null,
"ldapAuthentication" : null,
"location" : null,
"lastClientLoginTime" : null,
"lastClientType" : null,
"loginDisabled" : null,
"mailboxId" : null,
"middleInitial" : null,
"mobilePhoneNumber" : null,
"networkId" : null,
"otherPhoneNumber" : null,
"pagerNumber" : null,
"postalZipCode" : null,
"postOfficeBox" : null,
"stateProvince" : null,
"streetAddress" : null,
"suffix" : null,
"surname" : "testSurname1",
"telephoneNumber" : null,
"title" : null,
"groupAccessControlUpdateList" : null,
"groupMembersUpdateList" : null,
```

```
    "adminDefined1" : null,
    "adminDefined2" : null,
    "adminDefined3" : null,
    "adminDefined4" : null,
    "adminDefined5" : null,
    "adminDefined6" : null,
    "adminDefined7" : null,
    "adminDefined8" : null,
    "adminDefined9" : null,
    "adminDefined10" : null,
    "adminDefined11" : null,
    "adminDefined12" : null,
    "adminDefined13" : null,
    "adminDefined14" : null,
    "adminDefined15" : null,
    "adminDefined16" : null,
    "adminDefined17" : null,
    "adminDefined18" : null,
    "adminDefined19" : null,
    "adminDefined20" : null,
    "mailboxSizeMb" : null,
    "mailboxLicenseType" : null,
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : "user",
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1"
} ]
```

XML Response:
```
<list>
  <user>
    <id>USER.testDom1.testPO1.testChineseUser1</id>
    <guid>D9ACBC50-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testChineseUser1</name>
    <objType>user</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testChineseUser1</url>
    <timeCreated>1371072575000</timeCreated>
    <timeLastMod>1371072575000</timeLastMod>
    <lastModifiedBy>admin.testSystem1</lastModifiedBy>
    <lastModifiedOp>ADD</lastModifiedOp>
    <forceNullOnAttrs/>
    <domainName>testDom1</domainName>
    <postOfficeName>testPO1</postOfficeName>
    <visibility>SYSTEM</visibility>
    <fileId>iit</fileId>
    <surname>????</surname>
  </user>
  <user>
    <id>USER.testDom1.testPO1.testUser1</id>
    <guid>D8C01260-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testUser1</name>
    <objType>user</objType>
```

```
      <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1</url>
      <timeCreated>1371072573000</timeCreated>
      <timeLastMod>1371072573000</timeLastMod>
      <lastModifiedBy>admin.testSystem1</lastModifiedBy>
      <lastModifiedOp>ADD</lastModifiedOp>
      <forceNullOnAttrs/>
      <domainName>testDom1</domainName>
      <postOfficeName>testPO1</postOfficeName>
      <visibility>SYSTEM</visibility>
      <fileId>q2t</fileId>
      <surname>testSurname1</surname>
  </user>
</list>
```

Requesting a List of Users in a Post Office

```
Request:
GET https://localhost:9710/gwadmin-service/list/USER/
POST_OFFICE.testDom1.testPO1

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "USER.testDom1.testPO1.testChineseUser1",
  "guid" : "3D438970-09EF-0000-8A08-20888CC82C5A",
  "name" : "testChineseUser1",
  "links" : null,
  "timeCreated" : 1371072312000,
  "timeLastMod" : 1371072312000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "enableICalBrowse" : null,
  "restoreArea" : null,
  "expirationDate" : 0,
  "externalRecord" : null,
```

```json
"externalSync" : null,
"fileId" : "77i",
"accountId" : null,
"city" : null,
"company" : null,
"country" : null,
"department" : null,
"externalEntity" : null,
"externalSyncOverride" : null,
"faxNumber" : null,
"gatewayAccess" : null,
"givenName" : null,
"gwId" : null,
"homePhoneNumber" : null,
"ldapAuthentication" : null,
"location" : null,
"lastClientLoginTime" : null,
"lastClientType" : null,
"loginDisabled" : null,
"mailboxId" : null,
"middleInitial" : null,
"mobilePhoneNumber" : null,
"networkId" : null,
"otherPhoneNumber" : null,
"pagerNumber" : null,
"postalZipCode" : null,
"postOfficeBox" : null,
"stateProvince" : null,
"streetAddress" : null,
"suffix" : null,
"surname" : "????",
"telephoneNumber" : null,
"title" : null,
"groupAccessControlUpdateList" : null,
"groupMembersUpdateList" : null,
"adminDefined1" : null,
"adminDefined2" : null,
"adminDefined3" : null,
"adminDefined4" : null,
"adminDefined5" : null,
"adminDefined6" : null,
"adminDefined7" : null,
"adminDefined8" : null,
"adminDefined9" : null,
"adminDefined10" : null,
"adminDefined11" : null,
"adminDefined12" : null,
"adminDefined13" : null,
"adminDefined14" : null,
"adminDefined15" : null,
"adminDefined16" : null,
"adminDefined17" : null,
"adminDefined18" : null,
"adminDefined19" : null,
"adminDefined20" : null,
```

```
    "mailboxSizeMb" : null,
    "mailboxLicenseType" : null,
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : "user",
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testChineseUser1"
}, {
    "id" : "USER.testDom1.testPO1.testUser1",
    "guid" : "3C0BF3D0-09EF-0000-8A08-20888CC82C5A",
    "name" : "testUser1",
    "links" : null,
    "timeCreated" : 1371072310000,
    "timeLastMod" : 1371072310000,
    "legacyDn" : null,
    "lastModifiedBy" : "admin.testSystem1",
    "lastModifiedOp" : "ADD",
    "pendingOp" : null,
    "domainName" : "testDom1",
    "postOfficeName" : "testPO1",
    "description" : null,
    "emailAddresses" : null,
    "visibility" : "SYSTEM",
    "defaultInternetAgentName" : null,
    "allowedAddressFormats" : null,
    "internetDomainName" : null,
    "preferredAddressFormat" : null,
    "preferredEmailId" : null,
    "moveStatus" : null,
    "ldapDn" : null,
    "ldapId" : null,
    "directoryId" : null,
    "enableICalBrowse" : null,
    "restoreArea" : null,
    "expirationDate" : 0,
    "externalRecord" : null,
    "externalSync" : null,
    "fileId" : "fri",
    "accountId" : null,
    "city" : null,
    "company" : null,
    "country" : null,
    "department" : null,
    "externalEntity" : null,
    "externalSyncOverride" : null,
    "faxNumber" : null,
    "gatewayAccess" : null,
    "givenName" : null,
    "gwId" : null,
    "homePhoneNumber" : null,
    "ldapAuthentication" : null,
    "location" : null,
    "lastClientLoginTime" : null,
    "lastClientType" : null,
    "loginDisabled" : null,
```

```
  "mailboxId" : null,
  "middleInitial" : null,
  "mobilePhoneNumber" : null,
  "networkId" : null,
  "otherPhoneNumber" : null,
  "pagerNumber" : null,
  "postalZipCode" : null,
  "postOfficeBox" : null,
  "stateProvince" : null,
  "streetAddress" : null,
  "suffix" : null,
  "surname" : "testSurname1",
  "telephoneNumber" : null,
  "title" : null,
  "groupAccessControlUpdateList" : null,
  "groupMembersUpdateList" : null,
  "adminDefined1" : null,
  "adminDefined2" : null,
  "adminDefined3" : null,
  "adminDefined4" : null,
  "adminDefined5" : null,
  "adminDefined6" : null,
  "adminDefined7" : null,
  "adminDefined8" : null,
  "adminDefined9" : null,
  "adminDefined10" : null,
  "adminDefined11" : null,
  "adminDefined12" : null,
  "adminDefined13" : null,
  "adminDefined14" : null,
  "adminDefined15" : null,
  "adminDefined16" : null,
  "adminDefined17" : null,
  "adminDefined18" : null,
  "adminDefined19" : null,
  "adminDefined20" : null,
  "mailboxSizeMb" : null,
  "mailboxLicenseType" : null,
  "moveComplete" : null,
  "directoryUser" : false,
  "@type" : "user",
  "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1"
} ]
```

```
XML Response:
<list>
  <user>
    <id>USER.testDom1.testPO1.testChineseUser1</id>
    <guid>D9ACBC50-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testChineseUser1</name>
    <objType>user</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testChineseUser1</url>
    <timeCreated>1371072575000</timeCreated>
```

```
        <timeLastMod>1371072575000</timeLastMod>
        <lastModifiedBy>admin.testSystem1</lastModifiedBy>
        <lastModifiedOp>ADD</lastModifiedOp>
        <forceNullOnAttrs/>
        <domainName>testDom1</domainName>
        <postOfficeName>testPO1</postOfficeName>
        <visibility>SYSTEM</visibility>
        <fileId>iit</fileId>
        <surname>????</surname>
    </user>
    <user>
        <id>USER.testDom1.testPO1.testUser1</id>
        <guid>D8C01260-09EF-0000-8A08-20888CC82C5A</guid>
        <name>testUser1</name>
        <objType>user</objType>
        <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1</url>
        <timeCreated>1371072573000</timeCreated>
        <timeLastMod>1371072573000</timeLastMod>
        <lastModifiedBy>admin.testSystem1</lastModifiedBy>
        <lastModifiedOp>ADD</lastModifiedOp>
        <forceNullOnAttrs/>
        <domainName>testDom1</domainName>
        <postOfficeName>testPO1</postOfficeName>
        <visibility>SYSTEM</visibility>
        <fileId>q2t</fileId>
        <surname>testSurname1</surname>
    </user>
</list>
```

Requesting a List of User Attributes

```
Request:
GET https://localhost:9710/gwadmin-service/diagnostics/object/
USER.testDom1.testPO1.testUser1

Response Status:
200 - OK

JSON Response:
{
  "attr" : [ {
    "@id" : "50073",
    "$" : "testUser1"
  }, {
    "@id" : "50072",
    "$" : "4"
  }, {
    "@id" : "58014",
    "$" : "testDom1"
  }, {
    "@id" : "59019",
    "$" : "admin.testSystem1"
  }, {
```

```
      "@id" : "50101",
      "$" : "0"
  }, {
      "@id" : "50087",
      "$" : "1"
  }, {
      "@id" : "50080",
      "$" : "3C0BF3D0-09EF-0000-8A08-20888CC82C5A"
  }, {
      "@id" : "50144",
      "$" : "1"
  }, {
      "@id" : "50038",
      "$" : "fri"
  }, {
      "@id" : "50035",
      "$" : "testDom1"
  }, {
      "@id" : "50064",
      "$" : "1371072310"
  }, {
      "@id" : "50001",
      "$" : "2"
  }, {
      "@id" : "50062",
      "$" : "testPO1"
  }, {
      "@id" : "50093",
      "$" : "testSurname1"
  }, {
      "@id" : "63096",
      "$" : "1"
  }, {
      "@id" : "61109",
      "$" : "1371072310"
  }, {
      "@id" : "50076",
      "$" : "2"
  }, {
      "@id" : "50075",
      "$" : "6"
  } ],
  "@id" : "USER.testDom1.testPO1.testUser1"
}
```

```
XML Response:
<objectAttributes>
  <id>USER.testDom1.testPO1.testUser1</id>
  <attr>
    <objectAttributes>
      <id>50073</id>
      <value>testUser1</value>
    </objectAttributes>
    <objectAttributes>
      <id>50072</id>
```

```xml
          <value>4</value>
        </objectAttributes>
        <objectAttributes>
          <id>58014</id>
          <value>testDom1</value>
        </objectAttributes>
        <objectAttributes>
          <id>59019</id>
          <value>admin.testSystem1</value>
        </objectAttributes>
        <objectAttributes>
          <id>50101</id>
          <value>0</value>
        </objectAttributes>
        <objectAttributes>
          <id>50087</id>
          <value>1</value>
        </objectAttributes>
        <objectAttributes>
          <id>50080</id>
          <value>D8C01260-09EF-0000-8A08-20888CC82C5A</value>
        </objectAttributes>
        <objectAttributes>
          <id>50144</id>
          <value>1</value>
        </objectAttributes>
        <objectAttributes>
          <id>50038</id>
          <value>q2t</value>
        </objectAttributes>
        <objectAttributes>
          <id>50035</id>
          <value>testDom1</value>
        </objectAttributes>
        <objectAttributes>
          <id>50064</id>
          <value>1371072573</value>
        </objectAttributes>
        <objectAttributes>
          <id>50001</id>
          <value>2</value>
        </objectAttributes>
        <objectAttributes>
          <id>50062</id>
          <value>testPO1</value>
        </objectAttributes>
        <objectAttributes>
          <id>50093</id>
          <value>testSurname1</value>
        </objectAttributes>
        <objectAttributes>
          <id>63096</id>
          <value>1</value>
        </objectAttributes>
```

```
      <objectAttributes>
        <id>61109</id>
        <value>1371072573</value>
      </objectAttributes>
      <objectAttributes>
        <id>50076</id>
        <value>2</value>
      </objectAttributes>
      <objectAttributes>
        <id>50075</id>
        <value>6</value>
      </objectAttributes>
    </attr>
</objectAttributes>
```

Requesting a List of Groups in the GroupWise System

```
Request:
GET https://localhost:9710/gwadmin-service/list/GROUP

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "GROUP.testDom1.testPO1.testGroup1",
  "guid" : "3D593450-09EF-0000-8A08-20888CC82C5A",
  "name" : "testGroup1",
  "links" : null,
  "timeCreated" : 1371072313000,
  "timeLastMod" : 1371072313000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "POST_OFFICE",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "postOffice" : null,
  "groupType" : "DISTRIBUTION_LIST",
  "replicationOverride" : null,
  "exclusiveInternetDomain" : false,
  "groupAccessControlUpdateList" : null,
```

```
  "groupMembershipUpdateList" : null,
  "externalSync" : null,
  "moveComplete" : null,
  "directoryUser" : false,
  "@type" : "group",
  "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/groups/
testGroup1"
} ]
```

```
XML Response:
<list>
  <group>
    <id>GROUP.testDom1.testPO1.testGroup1</id>
    <guid>D9C2B550-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testGroup1</name>
    <objType>group</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/groups/
testGroup1</url>
    <timeCreated>1371072575000</timeCreated>
    <timeLastMod>1371072575000</timeLastMod>
    <lastModifiedBy>admin.testSystem1</lastModifiedBy>
    <lastModifiedOp>ADD</lastModifiedOp>
    <forceNullOnAttrs/>
    <domainName>testDom1</domainName>
    <postOfficeName>testPO1</postOfficeName>
    <visibility>POST_OFFICE</visibility>
    <groupType>DISTRIBUTION_LIST</groupType>
    <exclusiveInternetDomain>false</exclusiveInternetDomain>
  </group>
</list>
```

Requesting a List of Groups in a Domain

```
Request:
GET https://localhost:9710/gwadmin-service/list/GROUP/DOMAIN.testDom1

Response Status:
200 - OK
```

```
JSON Response:
[ {
  "id" : "GROUP.testDom1.testPO1.testGroup1",
  "guid" : "3D593450-09EF-0000-8A08-20888CC82C5A",
  "name" : "testGroup1",
  "links" : null,
  "timeCreated" : 1371072313000,
  "timeLastMod" : 1371072313000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
```

```
    "emailAddresses" : null,
    "visibility" : "POST_OFFICE",
    "defaultInternetAgentName" : null,
    "allowedAddressFormats" : null,
    "internetDomainName" : null,
    "preferredAddressFormat" : null,
    "preferredEmailId" : null,
    "moveStatus" : null,
    "ldapDn" : null,
    "ldapId" : null,
    "directoryId" : null,
    "postOffice" : null,
    "groupType" : "DISTRIBUTION_LIST",
    "replicationOverride" : null,
    "exclusiveInternetDomain" : false,
    "groupAccessControlUpdateList" : null,
    "groupMembershipUpdateList" : null,
    "externalSync" : null,
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : "group",
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/groups/
testGroup1"
} ]
```

XML Response:

```xml
<list>
  <group>
    <id>GROUP.testDom1.testPO1.testGroup1</id>
    <guid>D9C2B550-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testGroup1</name>
    <objType>group</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/groups/
testGroup1</url>
    <timeCreated>1371072575000</timeCreated>
    <timeLastMod>1371072575000</timeLastMod>
    <lastModifiedBy>admin.testSystem1</lastModifiedBy>
    <lastModifiedOp>ADD</lastModifiedOp>
    <forceNullOnAttrs/>
    <domainName>testDom1</domainName>
    <postOfficeName>testPO1</postOfficeName>
    <visibility>POST_OFFICE</visibility>
    <groupType>DISTRIBUTION_LIST</groupType>
    <exclusiveInternetDomain>false</exclusiveInternetDomain>
  </group>
</list>
```

Requesting a List of Groups in a Post Office

```
Request:
GET https://localhost:9710/gwadmin-service/list/GROUP/
POST_OFFICE.testDom1.testPO1

Response Status:
200 - OK

JSON Response:
```

```json
[ {
  "id" : "GROUP.testDom1.testPO1.testGroup1",
  "guid" : "3D593450-09EF-0000-8A08-20888CC82C5A",
  "name" : "testGroup1",
  "links" : null,
  "timeCreated" : 1371072313000,
  "timeLastMod" : 1371072313000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "POST_OFFICE",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "postOffice" : null,
  "groupType" : "DISTRIBUTION_LIST",
  "replicationOverride" : null,
  "exclusiveInternetDomain" : false,
  "groupAccessControlUpdateList" : null,
  "groupMembershipUpdateList" : null,
  "externalSync" : null,
  "moveComplete" : null,
  "directoryUser" : false,
  "@type" : "group",
  "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/groups/
testGroup1"
} ]
```

```
XML Response:
```

```xml
<list>
  <group>
    <id>GROUP.testDom1.testPO1.testGroup1</id>
    <guid>D9C2B550-09EF-0000-8A08-20888CC82C5A</guid>
```

```
      <name>testGroup1</name>
      <objType>group</objType>
      <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/groups/
testGroup1</url>
      <timeCreated>1371072575000</timeCreated>
      <timeLastMod>1371072575000</timeLastMod>
      <lastModifiedBy>admin.testSystem1</lastModifiedBy>
      <lastModifiedOp>ADD</lastModifiedOp>
      <forceNullOnAttrs/>
      <domainName>testDom1</domainName>
      <postOfficeName>testPO1</postOfficeName>
      <visibility>POST_OFFICE</visibility>
      <groupType>DISTRIBUTION_LIST</groupType>
      <exclusiveInternetDomain>false</exclusiveInternetDomain>
   </group>
</list>
```

Requesting a List of Group Memberships for a User

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/groupmemberships

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "GROUP.testDom1.testPO1.testGroup1",
  "guid" : null,
  "name" : "testGroup1",
  "links" : null,
  "timeCreated" : null,
  "timeLastMod" : null,
  "legacyDn" : null,
  "lastModifiedBy" : null,
  "lastModifiedOp" : null,
  "pendingOp" : null,
  "postOfficeName" : "testPO1",
  "domainName" : "testDom1",
  "givenName" : null,
  "participation" : "PRIMARY",
  "type" : null,
  "surname" : null,
  "@type" : "membership",
  "@url" : null
```

```
} ]

XML Response:
<list>
  <member>
    <id>GROUP.testDom1.testPO1.testGroup1</id>
    <name>testGroup1</name>
    <objType>membership</objType>
    <forceNullOnAttrs/>
    <postOfficeName>testPO1</postOfficeName>
    <domainName>testDom1</domainName>
    <participation>PRIMARY</participation>
  </member>
</list>
```

Requesting a List of Members in a Group

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/members

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "USER.testDom1.testPO1.testUser1",
  "guid" : null,
  "name" : "testUser1",
  "links" : null,
  "timeCreated" : null,
  "timeLastMod" : null,
  "legacyDn" : null,
  "lastModifiedBy" : null,
  "lastModifiedOp" : null,
  "pendingOp" : null,
  "postOfficeName" : "testPO1",
  "domainName" : "testDom1",
  "givenName" : null,
  "participation" : "PRIMARY",
  "type" : "USER",
  "surname" : "testSurname1",
  "@type" : "member",
  "@url" : null
} ]
```

```
XML Response:
<list>
  <member>
    <id>USER.testDom1.testPO1.testUser1</id>
    <name>testUser1</name>
    <objType>member</objType>
    <forceNullOnAttrs/>
    <postOfficeName>testPO1</postOfficeName>
    <domainName>testDom1</domainName>
    <participation>PRIMARY</participation>
    <type>USER</type>
    <surname>testSurname1</surname>
  </member>
</list>
```

Requesting a List of Resources in the GroupWise System

```
Request:
GET https://localhost:9710/gwadmin-service/list/RESOURCE

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "RESOURCE.testDom1.testPO1.testResource1",
  "guid" : "3E3CB680-09EF-0000-8A08-20888CC82C5A",
  "name" : "testResource1",
  "links" : null,
  "timeCreated" : 1371072314000,
  "timeLastMod" : 1371072314000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "enableICalBrowse" : null,
  "restoreArea" : null,
  "expirationDate" : 0,
  "externalRecord" : null,
  "externalSync" : null,
```

```
    "fileId" : "66e",
    "owner" : "testUser1",
    "postOffice" : null,
    "resourceType" : "RESOURCE",
    "telephoneNumber" : null,
    "groupMembershipUpdateList" : null,
    "nicknamesUrl" : null,
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : "resource",
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1"
} ]
```

```
XML Response:
<list>
  <resource>
    <id>RESOURCE.testDom1.testPO1.testResource1</id>
    <guid>DAD49A80-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testResource1</name>
    <objType>resource</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/resources/
testResource1</url>
    <timeCreated>1371072577000</timeCreated>
    <timeLastMod>1371072577000</timeLastMod>
    <lastModifiedBy>admin.testSystem1</lastModifiedBy>
    <lastModifiedOp>ADD</lastModifiedOp>
    <forceNullOnAttrs/>
    <domainName>testDom1</domainName>
    <postOfficeName>testPO1</postOfficeName>
    <visibility>SYSTEM</visibility>
    <fileId>hhp</fileId>
    <owner>testUser1</owner>
    <resourceType>RESOURCE</resourceType>
  </resource>
</list>
```

Requesting a List of Resources in a Domain

```
Request:
GET https://localhost:9710/gwadmin-service/list/RESOURCE/DOMAIN.testDom1

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "RESOURCE.testDom1.testPO1.testResource1",
  "guid" : "3E3CB680-09EF-0000-8A08-20888CC82C5A",
  "name" : "testResource1",
  "links" : null,
  "timeCreated" : 1371072314000,
  "timeLastMod" : 1371072314000,
  "legacyDn" : null,
```

```
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "enableICalBrowse" : null,
  "restoreArea" : null,
  "expirationDate" : 0,
  "externalRecord" : null,
  "externalSync" : null,
  "fileId" : "66e",
  "owner" : "testUser1",
  "postOffice" : null,
  "resourceType" : "RESOURCE",
  "telephoneNumber" : null,
  "groupMembershipUpdateList" : null,
  "nicknamesUrl" : null,
  "moveComplete" : null,
  "directoryUser" : false,
  "@type" : "resource",
  "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1"
} ]
```

```
XML Response:
<list>
  <resource>
    <id>RESOURCE.testDom1.testPO1.testResource1</id>
    <guid>DAD49A80-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testResource1</name>
    <objType>resource</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/resources/
```

```
testResource1</url>
    <timeCreated>1371072577000</timeCreated>
    <timeLastMod>1371072577000</timeLastMod>
    <lastModifiedBy>admin.testSystem1</lastModifiedBy>
    <lastModifiedOp>ADD</lastModifiedOp>
    <forceNullOnAttrs/>
    <domainName>testDom1</domainName>
    <postOfficeName>testPO1</postOfficeName>
    <visibility>SYSTEM</visibility>
    <fileId>hhp</fileId>
    <owner>testUser1</owner>
    <resourceType>RESOURCE</resourceType>
  </resource>
</list>
```

Requesting a List of Resources in a Post Office

```
Request:
GET https://localhost:9710/gwadmin-service/list/RESOURCE/
POST_OFFICE.testDom1.testPO1

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "RESOURCE.testDom1.testPO1.testResource1",
  "guid" : "3E3CB680-09EF-0000-8A08-20888CC82C5A",
  "name" : "testResource1",
  "links" : null,
  "timeCreated" : 1371072314000,
  "timeLastMod" : 1371072314000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "enableICalBrowse" : null,
  "restoreArea" : null,
  "expirationDate" : 0,
  "externalRecord" : null,
```

```
    "externalSync" : null,
    "fileId" : "66e",
    "owner" : "testUser1",
    "postOffice" : null,
    "resourceType" : "RESOURCE",
    "telephoneNumber" : null,
    "groupMembershipUpdateList" : null,
    "nicknamesUrl" : null,
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : "resource",
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1"
} ]
```

```
XML Response:
<list>
  <resource>
    <id>RESOURCE.testDom1.testPO1.testResource1</id>
    <guid>DAD49A80-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testResource1</name>
    <objType>resource</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/resources/
testResource1</url>
    <timeCreated>1371072577000</timeCreated>
    <timeLastMod>1371072577000</timeLastMod>
    <lastModifiedBy>admin.testSystem1</lastModifiedBy>
    <lastModifiedOp>ADD</lastModifiedOp>
    <forceNullOnAttrs/>
    <domainName>testDom1</domainName>
    <postOfficeName>testPO1</postOfficeName>
    <visibility>SYSTEM</visibility>
    <fileId>hhp</fileId>
    <owner>testUser1</owner>
    <resourceType>RESOURCE</resourceType>
  </resource>
</list>
```

Requesting a List of Resources That a User Owns

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/resources

Response Status:
200 - OK
```

```
JSON Response:
[ {
  "id" : "RESOURCE.testDom1.testPO1.testResource1",
  "guid" : "3E3CB680-09EF-0000-8A08-20888CC82C5A",
  "name" : "testResource1",
  "links" : null,
  "timeCreated" : 1371072314000,
```

```
    "timeLastMod" : 1371072314000,
    "legacyDn" : null,
    "lastModifiedBy" : "admin.testSystem1",
    "lastModifiedOp" : "ADD",
    "pendingOp" : null,
    "domainName" : "testDom1",
    "postOfficeName" : "testPO1",
    "description" : null,
    "emailAddresses" : null,
    "visibility" : "SYSTEM",
    "defaultInternetAgentName" : null,
    "allowedAddressFormats" : null,
    "internetDomainName" : null,
    "preferredAddressFormat" : null,
    "preferredEmailId" : null,
    "moveStatus" : null,
    "ldapDn" : null,
    "ldapId" : null,
    "directoryId" : null,
    "enableICalBrowse" : null,
    "restoreArea" : null,
    "expirationDate" : 0,
    "externalRecord" : null,
    "externalSync" : null,
    "fileId" : "66e",
    "owner" : "testUser1",
    "postOffice" : null,
    "resourceType" : "RESOURCE",
    "telephoneNumber" : null,
    "groupMembershipUpdateList" : null,
    "nicknamesUrl" : null,
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : "resource",
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1"
} ]
```

```
XML Response:
<list>
  <resource>
    <id>RESOURCE.testDom1.testPO1.testResource1</id>
    <guid>DAD49A80-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testResource1</name>
    <objType>resource</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/resources/
```

```
testResource1</url>
    <timeCreated>1371072577000</timeCreated>
    <timeLastMod>1371072577000</timeLastMod>
    <lastModifiedBy>admin.testSystem1</lastModifiedBy>
    <lastModifiedOp>ADD</lastModifiedOp>
    <forceNullOnAttrs/>
    <domainName>testDom1</domainName>
    <postOfficeName>testPO1</postOfficeName>
    <visibility>SYSTEM</visibility>
    <fileId>hhp</fileId>
    <owner>testUser1</owner>
    <resourceType>RESOURCE</resourceType>
  </resource>
</list>
```

Requesting a List of Nicknames in the GroupWise System

```
Request:
GET https://localhost:9710/gwadmin-service/list/NICKNAME

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "NICKNAME.testDom1.testPO1.testNicknameName1",
  "guid" : "3E2536E0-09EF-0000-8A08-20888CC82C5A",
  "name" : "testNicknameName1",
  "links" : null,
  "timeCreated" : 1371072314000,
  "timeLastMod" : 1371072314000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "enableICalBrowse" : null,
  "restoreArea" : null,
  "expirationDate" : 0,
  "externalRecord" : null,
  "externalSync" : null,
```

```
"fileId" : null,
"accountId" : null,
"city" : null,
"company" : null,
"country" : null,
"department" : null,
"externalEntity" : null,
"externalSyncOverride" : null,
"faxNumber" : null,
"gatewayAccess" : null,
"givenName" : null,
"gwId" : null,
"homePhoneNumber" : null,
"ldapAuthentication" : null,
"location" : null,
"lastClientLoginTime" : null,
"lastClientType" : null,
"loginDisabled" : null,
"mailboxId" : null,
"middleInitial" : null,
"mobilePhoneNumber" : null,
"networkId" : null,
"otherPhoneNumber" : null,
"pagerNumber" : null,
"postalZipCode" : null,
"postOfficeBox" : null,
"stateProvince" : null,
"streetAddress" : null,
"suffix" : null,
"surname" : "testNicknameSurname1",
"telephoneNumber" : null,
"title" : null,
"groupAccessControlUpdateList" : null,
"groupMembersUpdateList" : null,
"adminDefined1" : null,
"adminDefined2" : null,
"adminDefined3" : null,
"adminDefined4" : null,
"adminDefined5" : null,
"adminDefined6" : null,
"adminDefined7" : null,
"adminDefined8" : null,
"adminDefined9" : null,
"adminDefined10" : null,
"adminDefined11" : null,
"adminDefined12" : null,
"adminDefined13" : null,
"adminDefined14" : null,
"adminDefined15" : null,
"adminDefined16" : null,
"adminDefined17" : null,
"adminDefined18" : null,
"adminDefined19" : null,
"adminDefined20" : null,
"mailboxSizeMb" : null,
```

```
    "mailboxLicenseType" : null,
    "referredUserName" : null,
    "userName" : "testUser1",
    "userPostOfficeName" : "testPO1",
    "userDomainName" : "testDom1",
    "realMemberType" : "USER",
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : "nickname",
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
nicknames/testNicknameName1"
} ]
```

```
XML Response:
<list>
  <nickname>
    <id>NICKNAME.testDom1.testPO1.testNicknameName1</id>
    <guid>DAB356E0-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testNicknameName1</name>
    <objType>nickname</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/nicknames/
testNicknameName1</url>
    <timeCreated>1371072577000</timeCreated>
    <timeLastMod>1371072577000</timeLastMod>
    <lastModifiedBy>admin.testSystem1</lastModifiedBy>
    <lastModifiedOp>ADD</lastModifiedOp>
    <forceNullOnAttrs/>
    <domainName>testDom1</domainName>
    <postOfficeName>testPO1</postOfficeName>
    <visibility>SYSTEM</visibility>
    <surname>testNicknameSurname1</surname>
    <userName>testUser1</userName>
    <userPostOfficeName>testPO1</userPostOfficeName>
    <userDomainName>testDom1</userDomainName>
    <realMemberType>USER</realMemberType>
  </nickname>
</list>
```

Requesting a List of Nicknames in a Domain

```
Request:
GET https://localhost:9710/gwadmin-service/list/NICKNAME/DOMAIN.testDom1

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "NICKNAME.testDom1.testPO1.testNicknameName1",
  "guid" : "3E2536E0-09EF-0000-8A08-20888CC82C5A",
  "name" : "testNicknameName1",
  "links" : null,
  "timeCreated" : 1371072314000,
  "timeLastMod" : 1371072314000,
```

```
"legacyDn" : null,
"lastModifiedBy" : "admin.testSystem1",
"lastModifiedOp" : "ADD",
"pendingOp" : null,
"domainName" : "testDom1",
"postOfficeName" : "testPO1",
"description" : null,
"emailAddresses" : null,
"visibility" : "SYSTEM",
"defaultInternetAgentName" : null,
"allowedAddressFormats" : null,
"internetDomainName" : null,
"preferredAddressFormat" : null,
"preferredEmailId" : null,
"moveStatus" : null,
"ldapDn" : null,
"ldapId" : null,
"directoryId" : null,
"enableICalBrowse" : null,
"restoreArea" : null,
"expirationDate" : 0,
"externalRecord" : null,
"externalSync" : null,
"fileId" : null,
"accountId" : null,
"city" : null,
"company" : null,
"country" : null,
"department" : null,
"externalEntity" : null,
"externalSyncOverride" : null,
"faxNumber" : null,
"gatewayAccess" : null,
"givenName" : null,
"gwId" : null,
"homePhoneNumber" : null,
"ldapAuthentication" : null,
"location" : null,
"lastClientLoginTime" : null,
"lastClientType" : null,
"loginDisabled" : null,
"mailboxId" : null,
"middleInitial" : null,
"mobilePhoneNumber" : null,
"networkId" : null,
"otherPhoneNumber" : null,
"pagerNumber" : null,
"postalZipCode" : null,
"postOfficeBox" : null,
"stateProvince" : null,
"streetAddress" : null,
"suffix" : null,
"surname" : "testNicknameSurname1",
"telephoneNumber" : null,
"title" : null,
```

```
    "groupAccessControlUpdateList" : null,
    "groupMembersUpdateList" : null,
    "adminDefined1" : null,
    "adminDefined2" : null,
    "adminDefined3" : null,
    "adminDefined4" : null,
    "adminDefined5" : null,
    "adminDefined6" : null,
    "adminDefined7" : null,
    "adminDefined8" : null,
    "adminDefined9" : null,
    "adminDefined10" : null,
    "adminDefined11" : null,
    "adminDefined12" : null,
    "adminDefined13" : null,
    "adminDefined14" : null,
    "adminDefined15" : null,
    "adminDefined16" : null,
    "adminDefined17" : null,
    "adminDefined18" : null,
    "adminDefined19" : null,
    "adminDefined20" : null,
    "mailboxSizeMb" : null,
    "mailboxLicenseType" : null,
    "referredUserName" : null,
    "userName" : "testUser1",
    "userPostOfficeName" : "testPO1",
    "userDomainName" : "testDom1",
    "realMemberType" : "USER",
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : "nickname",
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
nicknames/testNicknameName1"
} ]
```

```
XML Response:
<list>
  <nickname>
    <id>NICKNAME.testDom1.testPO1.testNicknameName1</id>
    <guid>DAB356E0-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testNicknameName1</name>
    <objType>nickname</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/nicknames/
testNicknameName1</url>
    <timeCreated>1371072577000</timeCreated>
```

```
            <timeLastMod>1371072577000</timeLastMod>
            <lastModifiedBy>admin.testSystem1</lastModifiedBy>
            <lastModifiedOp>ADD</lastModifiedOp>
            <forceNullOnAttrs/>
            <domainName>testDom1</domainName>
            <postOfficeName>testPO1</postOfficeName>
            <visibility>SYSTEM</visibility>
            <surname>testNicknameSurname1</surname>
            <userName>testUser1</userName>
            <userPostOfficeName>testPO1</userPostOfficeName>
            <userDomainName>testDom1</userDomainName>
            <realMemberType>USER</realMemberType>
        </nickname>
    </list>
```

Requesting a List of Nicknames in a Post Office

```
Request:
GET https://localhost:9710/gwadmin-service/list/NICKNAME/
POST_OFFICE.testDom1.testPO1

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "NICKNAME.testDom1.testPO1.testNicknameName1",
  "guid" : "3E2536E0-09EF-0000-8A08-20888CC82C5A",
  "name" : "testNicknameName1",
  "links" : null,
  "timeCreated" : 1371072314000,
  "timeLastMod" : 1371072314000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "enableICalBrowse" : null,
  "restoreArea" : null,
  "expirationDate" : 0,
  "externalRecord" : null,
```

```
"externalSync" : null,
"fileId" : null,
"accountId" : null,
"city" : null,
"company" : null,
"country" : null,
"department" : null,
"externalEntity" : null,
"externalSyncOverride" : null,
"faxNumber" : null,
"gatewayAccess" : null,
"givenName" : null,
"gwId" : null,
"homePhoneNumber" : null,
"ldapAuthentication" : null,
"location" : null,
"lastClientLoginTime" : null,
"lastClientType" : null,
"loginDisabled" : null,
"mailboxId" : null,
"middleInitial" : null,
"mobilePhoneNumber" : null,
"networkId" : null,
"otherPhoneNumber" : null,
"pagerNumber" : null,
"postalZipCode" : null,
"postOfficeBox" : null,
"stateProvince" : null,
"streetAddress" : null,
"suffix" : null,
"surname" : "testNicknameSurname1",
"telephoneNumber" : null,
"title" : null,
"groupAccessControlUpdateList" : null,
"groupMembersUpdateList" : null,
"adminDefined1" : null,
"adminDefined2" : null,
"adminDefined3" : null,
"adminDefined4" : null,
"adminDefined5" : null,
"adminDefined6" : null,
"adminDefined7" : null,
"adminDefined8" : null,
"adminDefined9" : null,
"adminDefined10" : null,
"adminDefined11" : null,
"adminDefined12" : null,
"adminDefined13" : null,
"adminDefined14" : null,
"adminDefined15" : null,
"adminDefined16" : null,
"adminDefined17" : null,
"adminDefined18" : null,
"adminDefined19" : null,
"adminDefined20" : null,
```

```
      "mailboxSizeMb" : null,
      "mailboxLicenseType" : null,
      "referredUserName" : null,
      "userName" : "testUser1",
      "userPostOfficeName" : "testPO1",
      "userDomainName" : "testDom1",
      "realMemberType" : "USER",
      "moveComplete" : null,
      "directoryUser" : false,
      "@type" : "nickname",
      "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
nicknames/testNicknameName1"
} ]
```

```
XML Response:
```
```
<list>
  <nickname>
    <id>NICKNAME.testDom1.testPO1.testNicknameName1</id>
    <guid>DAB356E0-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testNicknameName1</name>
    <objType>nickname</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/nicknames/
testNicknameName1</url>
    <timeCreated>1371072577000</timeCreated>
    <timeLastMod>1371072577000</timeLastMod>
    <lastModifiedBy>admin.testSystem1</lastModifiedBy>
    <lastModifiedOp>ADD</lastModifiedOp>
    <forceNullOnAttrs/>
    <domainName>testDom1</domainName>
    <postOfficeName>testPO1</postOfficeName>
    <visibility>SYSTEM</visibility>
    <surname>testNicknameSurname1</surname>
    <userName>testUser1</userName>
    <userPostOfficeName>testPO1</userPostOfficeName>
    <userDomainName>testDom1</userDomainName>
    <realMemberType>USER</realMemberType>
  </nickname>
</list>
```

Requesting a List of Nicknames for a User

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/nicknames

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "NICKNAME.testDom1.testPO1.testNicknameName1",
  "guid" : "3E2536E0-09EF-0000-8A08-20888CC82C5A",
  "name" : "testNicknameName1",
  "links" : null,
  "timeCreated" : 1371072314000,
  "timeLastMod" : 1371072314000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "enableICalBrowse" : null,
  "restoreArea" : null,
  "expirationDate" : 0,
  "externalRecord" : null,
  "externalSync" : null,
  "fileId" : null,
  "accountId" : null,
  "city" : null,
  "company" : null,
  "country" : null,
  "department" : null,
  "externalEntity" : null,
  "externalSyncOverride" : null,
  "faxNumber" : null,
  "gatewayAccess" : null,
  "givenName" : null,
  "gwId" : null,
  "homePhoneNumber" : null,
  "ldapAuthentication" : null,
```

```
    "location" : null,
    "lastClientLoginTime" : null,
    "lastClientType" : null,
    "loginDisabled" : null,
    "mailboxId" : null,
    "middleInitial" : null,
    "mobilePhoneNumber" : null,
    "networkId" : null,
    "otherPhoneNumber" : null,
    "pagerNumber" : null,
    "postalZipCode" : null,
    "postOfficeBox" : null,
    "stateProvince" : null,
    "streetAddress" : null,
    "suffix" : null,
    "surname" : "testNicknameSurname1",
    "telephoneNumber" : null,
    "title" : null,
    "groupAccessControlUpdateList" : null,
    "groupMembersUpdateList" : null,
    "adminDefined1" : null,
    "adminDefined2" : null,
    "adminDefined3" : null,
    "adminDefined4" : null,
    "adminDefined5" : null,
    "adminDefined6" : null,
    "adminDefined7" : null,
    "adminDefined8" : null,
    "adminDefined9" : null,
    "adminDefined10" : null,
    "adminDefined11" : null,
    "adminDefined12" : null,
    "adminDefined13" : null,
    "adminDefined14" : null,
    "adminDefined15" : null,
    "adminDefined16" : null,
    "adminDefined17" : null,
    "adminDefined18" : null,
    "adminDefined19" : null,
    "adminDefined20" : null,
    "mailboxSizeMb" : null,
    "mailboxLicenseType" : null,
    "referredUserName" : null,
    "userName" : "testUser1",
    "userPostOfficeName" : "testPO1",
    "userDomainName" : "testDom1",
    "realMemberType" : "USER",
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : "nickname",
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
nicknames/testNicknameName1"
} ]

XML Response:
```

```
<list>
  <nickname>
    <id>NICKNAME.testDom1.testPO1.testNicknameName1</id>
    <guid>DAB356E0-09EF-0000-8A08-20888CC82C5A</guid>
    <name>testNicknameName1</name>
    <objType>nickname</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/nicknames/
testNicknameName1</url>
    <timeCreated>1371072577000</timeCreated>
    <timeLastMod>1371072577000</timeLastMod>
    <lastModifiedBy>admin.testSystem1</lastModifiedBy>
    <lastModifiedOp>ADD</lastModifiedOp>
    <forceNullOnAttrs/>
    <domainName>testDom1</domainName>
    <postOfficeName>testPO1</postOfficeName>
    <visibility>SYSTEM</visibility>
    <surname>testNicknameSurname1</surname>
    <userName>testUser1</userName>
    <userPostOfficeName>testPO1</userPostOfficeName>
    <userDomainName>testDom1</userDomainName>
    <realMemberType>USER</realMemberType>
  </nickname>
</list>
```

Requesting Statistical Information about the GroupWise System

```
Request:
GET https://localhost:9710/gwadmin-service/system/info

Response Status:
200 - OK

JSON Response:
{
  "id" : null,
  "guid" : null,
  "name" : null,
  "links" : null,
  "timeCreated" : null,
  "timeLastMod" : null,
  "legacyDn" : null,
  "lastModifiedBy" : null,
  "lastModifiedOp" : null,
  "pendingOp" : null,
  "externalDomainCount" : 1,
  "externalGatewayCount" : 0,
  "externalPostOfficeCount" : 1,
  "domainCount" : 2,
  "gatewayCount" : 1,
  "postOfficeCount" : 2,
  "lastAuditDate" : null,
  "ownedResourceCount" : null,
```

```
        "gatewayAliasCount" : null,
        "nicknameCount" : null,
        "groupMembershipCount" : null,
        "libraryAccessCount" : null,
        "accessAccountsCount" : null,
        "mailboxSize" : null,
        "lastLoginDate" : null,
        "lastModTime" : null,
        "lastClientType" : null,
        "lastClientVersion" : null,
        "lastClientLanguage" : null,
        "memberCount" : null,
        "externalGroupCount" : 0,
        "externalLibraryCount" : 0,
        "externalResourceCount" : 0,
        "externalUserCount" : 1,
        "fullLicenseMailboxCount" : 0,
        "groupCount" : 1,
        "inactiveMailboxCount" : 0,
        "libraryCount" : 2,
        "limitedLicenseMailboxCount" : 0,
        "linuxMailboxCount" : null,
        "linux65XMailboxCount" : null,
        "linux70XMailboxCount" : null,
        "linux80XMailboxCount" : null,
        "mac5XMailboxCount" : null,
        "mac6XMailboxCount" : null,
        "mac70XMailboxCount" : null,
        "mac80XMailboxCount" : null,
        "macMailboxCount" : null,
        "outlookConnector65XMailboxCount" : null,
        "outlookConnector70XMailboxCount" : null,
        "outlookConnector80XMailboxCount" : null,
        "outlookConnectorMailboxCount" : null,
        "resourceCount" : 1,
        "totalMailboxCount" : 0,
        "winX65XMailboxCount" : null,
        "winX70XMailboxCount" : null,
        "winX80XMailboxCount" : null,
        "winXMailboxCount" : null,
        "uncategorizedMailboxCount" : null,
        "windows65XMailboxCount" : null,
        "windows70XMailboxCount" : null,
        "windows80XMailboxCount" : null,
        "windowsMailboxCount" : null,
        "windows2012XMailboxCount" : null,
        "userCount" : 8,
        "coexistenceExportedUserCount" : null,
        "coexistenceImportedUserCount" : null,
        "x400Count" : null,
        "@type" : null,
        "@url" : null
    }
```

XML Response:

```
<systemInfo>
  <forceNullOnAttrs/>
  <externalDomainCount>1</externalDomainCount>
  <externalGatewayCount>0</externalGatewayCount>
  <externalPostOfficeCount>1</externalPostOfficeCount>
  <domainCount>2</domainCount>
  <gatewayCount>1</gatewayCount>
  <postOfficeCount>2</postOfficeCount>
  <externalGroupCount>0</externalGroupCount>
  <externalLibraryCount>0</externalLibraryCount>
  <externalResourceCount>0</externalResourceCount>
  <externalUserCount>1</externalUserCount>
  <fullLicenseMailboxCount>0</fullLicenseMailboxCount>
  <groupCount>1</groupCount>
  <inactiveMailboxCount>0</inactiveMailboxCount>
  <libraryCount>2</libraryCount>
  <limitedLicenseMailboxCount>0</limitedLicenseMailboxCount>
  <resourceCount>1</resourceCount>
  <totalMailboxCount>0</totalMailboxCount>
  <userCount>8</userCount>
</systemInfo>
```

Requesting Configuration Information about the GroupWise System

```
Request:
GET https://localhost:9710/gwadmin-service/system

Response Status:
200 - OK

JSON Response:
{
  "id" : "SYSTEM_RECORD.testSystem1",
  "guid" : "B5F73870-086F-0000-AE24-CEFE66AF19D4",
  "name" : "testSystem1",
  "links" : [ {
    "@title" : "adminservices",
    "@href" : "/gwadmin-service/system/adminservices"
  }, {
    "@title" : "calpubhosts",
    "@href" : "/gwadmin-service/system/calpubhosts"
  }, {
    "@title" : "customaddresses",
    "@href" : "/gwadmin-service/system/customaddresses"
  }, {
    "@title" : "customaddressestest",
    "@href" : "/gwadmin-service/system/customaddresses/test"
  }, {
    "@title" : "defaulttimezones",
    "@href" : "/gwadmin-service/system/defaulttimezones"
  }, {
    "@title" : "directories",
```

```
                "@href" : "/gwadmin-service/system/directories"
              }, {
                "@title" : "expired",
                "@href" : "/gwadmin-service/system/expired"
              }, {
                "@title" : "externalsystemsync",
                "@href" : "/gwadmin-service/system/externalsystemsync"
              }, {
                "@title" : "globalsignatures",
                "@href" : "/gwadmin-service/system/globalsignatures"
              }, {
                "@title" : "info",
                "@href" : "/gwadmin-service/system/info"
              }, {
                "@title" : "internetdomains",
                "@href" : "/gwadmin-service/system/internetdomains"
              }, {
                "@title" : "ldapservers",
                "@href" : "/gwadmin-service/system/ldapservers"
              }, {
                "@title" : "maintenance",
                "@href" : "/gwadmin-service/system/maintenance"
              }, {
                "@title" : "moverequests",
                "@href" : "/gwadmin-service/system/moverequests"
              }, {
                "@title" : "pending",
                "@href" : "/gwadmin-service/system/pending"
              }, {
                "@title" : "recoverconnection",
                "@href" : "/gwadmin-service/system/recoverconnection"
              }, {
                "@title" : "acl",
                "@href" : "/gwadmin-service/system/acl"
              }, {
                "@title" : "restoreareas",
                "@href" : "/gwadmin-service/system/restoreareas"
              }, {
                "@title" : "scheduledevents",
                "@href" : "/gwadmin-service/system/scheduledevents"
              }, {
                "@title" : "scheduledeventactions",
                "@href" : "/gwadmin-service/system/scheduledeventactions"
              }, {
                "@title" : "softwareareas",
                "@href" : "/gwadmin-service/system/softwareareas"
              }, {
                "@title" : "timezones",
                "@href" : "/gwadmin-service/system/timezones"
              }, {
                "@title" : "trustedapps",
                "@href" : "/gwadmin-service/system/trustedapps"
              }, {
                "@title" : "userbyemail",
                "@href" : "/gwadmin-service/system/userbyemail"
```

```
    }, {
      "@title" : "domains",
      "@href" : "/gwadmin-service/domains"
    }, {
      "@title" : "gateways",
      "@href" : "/gwadmin-service/list/GATEWAY"
    }, {
      "@title" : "gwias",
      "@href" : "/gwadmin-service/list/GWIA"
    }, {
      "@title" : "groups",
      "@href" : "/gwadmin-service/list/GROUP"
    }, {
      "@title" : "libraries",
      "@href" : "/gwadmin-service/list/LIBRARY"
    }, {
      "@title" : "mtas",
      "@href" : "/gwadmin-service/list/MTA"
    }, {
      "@title" : "nicknames",
      "@href" : "/gwadmin-service/list/NICKNAME"
    }, {
      "@title" : "poas",
      "@href" : "/gwadmin-service/list/POA"
    }, {
      "@title" : "postoffices",
      "@href" : "/gwadmin-service/list/POST_OFFICE"
    }, {
      "@title" : "resources",
      "@href" : "/gwadmin-service/list/RESOURCE"
    }, {
      "@title" : "users",
      "@href" : "/gwadmin-service/list/USER"
    } ],
    "timeCreated" : null,
    "timeLastMod" : 1370908693000,
    "legacyDn" : null,
    "lastModifiedBy" : "admin.testSystem1",
    "lastModifiedOp" : "MODIFY",
    "pendingOp" : null,
    "description" : null,
    "externalDomain" : null,
    "receiveExternalDomains" : null,
    "receiveExternalGroups" : null,
    "receiveExternalPostOffices" : null,
    "receiveExternalResources" : null,
    "receiveExternalUsers" : null,
    "sendExternalDomains" : null,
    "sendExternalGroups" : null,
    "sendExternalPostOffices" : null,
    "sendExternalResources" : null,
    "sendExternalUsers" : null,
    "showDirXMLWarnings" : false,
    "allowedAddressFormats" : [ "HOST", "USER", "LAST_FIRST", "FIRST_LAST",
"FLAST" ],
```

```
    "allowExternalBusySearch" : false,
    "allowExternalStatusTracking" : false,
    "archiveServiceApp" : null,
    "allowSendDirect" : false,
    "autoCreateNickname" : "PROMPT",
    "autoSetUserRights" : false,
    "defaultGlobalSignatureName" : null,
    "defaultInternetAgentName" : "testDom1.GWIA",
    "defaultNewUserPassword" : null,
    "defaultRoutingDomain" : null,
    "domainType" : null,
    "emailPublish" : [ "PREFERRED_ADDRESS" ],
    "emailPublishFormats" : [ "PREFERRED" ],
    "enableICalBrowse" : true,
    "firstInitialLastNameMatch" : false,
    "forceMessages" : false,
    "preferredAddressFormat" : "FULL",
    "internetDomainName" : "testdomain.com",
    "lockoutOldVersions" : null,
    "minSnapinDate" : null,
    "minSnapinVersion" : null,
    "mtaProfileName" : null,
    "nicknameExpireDays" : 30,
    "primaryConnectionRequired" : null,
    "restrictOpsToPrimaryDom" : true,
    "systemType" : "LOCAL",
    "systemAdminName" : "admin",
    "useFullDN" : true,
    "@type" : null,
    "@url" : "/gwadmin-service/system"
}
```

XML Response:
```
<system>
  <id>SYSTEM_RECORD.testSystem1</id>
  <guid>B5F73870-086F-0000-AE24-CEFE66AF19D4</guid>
  <name>testSystem1</name>
  <url>/gwadmin-service/system</url>
  <links key="adminservices" href="/gwadmin-service/system/adminservices"/>
  <links key="calpubhosts" href="/gwadmin-service/system/calpubhosts"/>
  <links key="customaddresses" href="/gwadmin-service/system/customaddresses"/>
  <links key="customaddressestest" href="/gwadmin-service/system/customaddresses/test"/>
  <links key="defaulttimezones" href="/gwadmin-service/system/defaulttimezones"/>
  <links key="directories" href="/gwadmin-service/system/directories"/>
  <links key="expired" href="/gwadmin-service/system/expired"/>
  <links key="externalsystemsync" href="/gwadmin-service/system/externalsystemsync"/>
  <links key="globalsignatures" href="/gwadmin-service/system/globalsignatures"/>
  <links key="info" href="/gwadmin-service/system/info"/>
  <links key="internetdomains" href="/gwadmin-service/system/
```

```xml
internetdomains"/>
  <links key="ldapservers" href="/gwadmin-service/system/ldapservers"/>
  <links key="maintenance" href="/gwadmin-service/system/maintenance"/>
  <links key="moverequests" href="/gwadmin-service/system/moverequests"/>
  <links key="pending" href="/gwadmin-service/system/pending"/>
  <links key="recoverconnection" href="/gwadmin-service/system/
recoverconnection"/>
  <links key="acl" href="/gwadmin-service/system/acl"/>
  <links key="restoreareas" href="/gwadmin-service/system/restoreareas"/>
  <links key="scheduledevents" href="/gwadmin-service/system/
scheduledevents"/>
  <links key="scheduledeventactions" href="/gwadmin-service/system/
scheduledeventactions"/>
  <links key="softwareareas" href="/gwadmin-service/system/softwareareas"/
>
  <links key="timezones" href="/gwadmin-service/system/timezones"/>
  <links key="trustedapps" href="/gwadmin-service/system/trustedapps"/>
  <links key="userbyemail" href="/gwadmin-service/system/userbyemail"/>
  <links key="domains" href="/gwadmin-service/domains"/>
  <links key="gateways" href="/gwadmin-service/list/GATEWAY"/>
  <links key="gwias" href="/gwadmin-service/list/GWIA"/>
  <links key="groups" href="/gwadmin-service/list/GROUP"/>
  <links key="libraries" href="/gwadmin-service/list/LIBRARY"/>
  <links key="mtas" href="/gwadmin-service/list/MTA"/>
  <links key="nicknames" href="/gwadmin-service/list/NICKNAME"/>
  <links key="poas" href="/gwadmin-service/list/POA"/>
  <links key="postoffices" href="/gwadmin-service/list/POST_OFFICE"/>
  <links key="resources" href="/gwadmin-service/list/RESOURCE"/>
  <links key="users" href="/gwadmin-service/list/USER"/>
  <timeLastMod>1370908693000</timeLastMod>
  <lastModifiedBy>admin.testSystem1</lastModifiedBy>
  <lastModifiedOp>MODIFY</lastModifiedOp>
  <forceNullOnAttrs/>
  <allowedAddressFormats class="AttrNoUsed">HOST</allowedAddressFormats>
  <allowedAddressFormats class="AttrNoUsed">USER</allowedAddressFormats>
  <allowedAddressFormats class="AttrNoUsed">LAST_FIRST</
allowedAddressFormats>
  <allowedAddressFormats class="AttrNoUsed">FIRST_LAST</
allowedAddressFormats>
  <allowedAddressFormats class="AttrNoUsed">FLAST</allowedAddressFormats>
  <allowExternalBusySearch>false</allowExternalBusySearch>
  <allowExternalStatusTracking>false</allowExternalStatusTracking>
  <allowSendDirect>false</allowSendDirect>
  <autoCreateNickname>PROMPT</autoCreateNickname>
  <autoSetUserRights>false</autoSetUserRights>
  <defaultInternetAgentName>testDom1.GWIA</defaultInternetAgentName>
```

```
    <emailPublish>PREFERRED_ADDRESS</emailPublish>
    <emailPublishFormats>PREFERRED</emailPublishFormats>
    <enableICalBrowse>true</enableICalBrowse>
    <firstInitialLastNameMatch>false</firstInitialLastNameMatch>
    <forceMessages>false</forceMessages>
    <preferredAddressFormat>FULL</preferredAddressFormat>
    <internetDomainName>testdomain.com</internetDomainName>
    <nicknameExpireDays>30</nicknameExpireDays>
    <restrictOpsToPrimaryDom>true</restrictOpsToPrimaryDom>
    <showDirXMLWarnings>false</showDirXMLWarnings>
    <systemType>LOCAL</systemType>
    <systemAdminName>admin</systemAdminName>
    <useFullDN>true</useFullDN>
</system>
```

Requesting Configuration Information about a Domain

```
Request:
GET https://localhost:9710/gwadmin-service/system/connecteddomain

Response Status:
200 - OK

JSON Response:
{
  "id" : "DOMAIN.testDom1",
  "guid" : "BC755C40-086F-0000-AE24-CEFE66AF19D4",
  "name" : "testDom1",
  "links" : [ {
    "@title" : "administrator",
    "@href" : "/gwadmin-service/domains/testDom1/administrator"
  }, {
    "@title" : "clientoptions",
    "@href" : "/gwadmin-service/domains/testDom1/clientoptions"
  }, {
    "@title" : "customaddresses",
    "@href" : "/gwadmin-service/domains/testDom1/customaddresses"
  }, {
    "@title" : "customaddressestest",
    "@href" : "/gwadmin-service/domains/testDom1/customaddresses/test"
  }, {
    "@title" : "gatewaysubdirs",
    "@href" : "/gwadmin-service/domains/testDom1/gatewaysubdirs"
  }, {
    "@title" : "info",
    "@href" : "/gwadmin-service/domains/testDom1/info"
  }, {
    "@title" : "maintenance",
    "@href" : "/gwadmin-service/domains/testDom1/maintenance"
  }, {
    "@title" : "moverequests",
    "@href" : "/gwadmin-service/domains/testDom1/moverequests"
  }, {
    "@title" : "mta",
```

```
        "@href" : "/gwadmin-service/domains/testDom1/mta"
      }, {
        "@title" : "postoffices",
        "@href" : "/gwadmin-service/domains/testDom1/postoffices"
      }, {
        "@title" : "acl",
        "@href" : "/gwadmin-service/domains/testDom1/acl"
      }, {
        "@title" : "synchronize",
        "@href" : "/gwadmin-service/domains/testDom1/synchronize"
      }, {
        "@title" : "users",
        "@href" : "/gwadmin-service/list/USER/DOMAIN.testDom1"
      }, {
        "@title" : "mtas",
        "@href" : "/gwadmin-service/list/MTA/DOMAIN.testDom1"
      }, {
        "@title" : "libraries",
        "@href" : "/gwadmin-service/list/LIBRARY/DOMAIN.testDom1"
      }, {
        "@title" : "poas",
        "@href" : "/gwadmin-service/list/POA/DOMAIN.testDom1"
      }, {
        "@title" : "resources",
        "@href" : "/gwadmin-service/list/RESOURCE/DOMAIN.testDom1"
      }, {
        "@title" : "gwias",
        "@href" : "/gwadmin-service/list/GWIA/DOMAIN.testDom1"
      }, {
        "@title" : "groups",
        "@href" : "/gwadmin-service/list/GROUP/DOMAIN.testDom1"
      } ],
      "timeCreated" : null,
      "timeLastMod" : 1370885999000,
      "legacyDn" : null,
      "lastModifiedBy" : "Unknown admin",
      "lastModifiedOp" : "ADD",
      "pendingOp" : null,
      "allowedAddressFormats" : {
        "inherited" : true,
        "inheritedFrom" : "testSystem1",
        "inheritedValue" : [ "FLAST", "USER", "FIRST_LAST", "HOST",
"LAST_FIRST" ],
        "value" : [ "FLAST", "USER", "FIRST_LAST", "HOST", "LAST_FIRST" ]
      },
      "addressBookView" : null,
      "alternateInternetAgentName" : null,
      "enableICalBrowse" : {
        "value" : true,
        "inheritedValue" : true,
        "inheritedFrom" : "testSystem1",
        "inherited" : true
      },
      "databaseVersion" : null,
      "defaultInternetAgentName" : {
```

```
      "value" : "testDom1.GWIA",
      "inheritedValue" : "testDom1.GWIA",
      "inheritedFrom" : "testSystem1",
      "inherited" : true
    },
    "defaultWebAccess" : null,
    "description" : null,
    "directoryName" : null,
    "directorySyncDomainName" : "testDom1",
    "domainRebuildCount" : 0,
    "domainType" : "PRIMARY",
    "domainVersion" : 1212,
    "externalSync" : null,
    "fileId" : "tesf6f",
    "gwId" : null,
    "hideUserComments" : null,
    "internetDomainName" : {
      "inherited" : true,
      "inheritedFrom" : "testSystem1",
      "inheritedValue" : "testdomain.com",
      "value" : "testdomain.com",
      "exclusive" : null
    },
    "language" : "English - US",
    "languageId" : "0",
    "linkedDomainName" : null,
    "lockoutOldAdmin" : null,
    "minimumAdminReleaseDate" : null,
    "minimumAdminVersion" : null,
    "platform" : null,
    "preferredAddressFormat" : {
      "inherited" : true,
      "inheritedFrom" : "testSystem1",
      "inheritedValue" : "FULL",
      "value" : "FULL"
    },
    "timezone" : "(GMT-07:00) Mountain Time (US & Canada)",
    "timezoneId" : "MST",
    "path" : "C:\\Novell\\GroupWise\\testDomain1\\",
    "adminChanges" : null,
    "mtaAddress" : null,
    "mtaMtpPort" : null,
    "mtaHttpPort" : null,
    "mtaAdminPort" : null,
    "remoteCreation" : null,
    "notifyUser" : null,
    "clearNotifyUser" : false,
    "connected" : true,
    "@type" : null,
    "@url" : "/gwadmin-service/domains/testDom1"
}

XML Response:
<domain>
  <id>DOMAIN.testDom1</id>
```

```
<guid>BC755C40-086F-0000-AE24-CEFE66AF19D4</guid>
<name>testDom1</name>
<url>/gwadmin-service/domains/testDom1</url>
<links key="administrator" href="/gwadmin-service/domains/testDom1/
administrator"/>
<links key="clientoptions" href="/gwadmin-service/domains/testDom1/
clientoptions"/>
<links key="customaddresses" href="/gwadmin-service/domains/testDom1/
customaddresses"/>
<links key="customaddressestest" href="/gwadmin-service/domains/
testDom1/customaddresses/test"/>
<links key="gatewaysubdirs" href="/gwadmin-service/domains/testDom1/
gatewaysubdirs"/>
<links key="info" href="/gwadmin-service/domains/testDom1/info"/>
<links key="maintenance" href="/gwadmin-service/domains/testDom1/
maintenance"/>
<links key="moverequests" href="/gwadmin-service/domains/testDom1/
moverequests"/>
<links key="mta" href="/gwadmin-service/domains/testDom1/mta"/>
<links key="postoffices" href="/gwadmin-service/domains/testDom1/
postoffices"/>
<links key="acl" href="/gwadmin-service/domains/testDom1/acl"/>
<links key="synchronize" href="/gwadmin-service/domains/testDom1/
synchronize"/>
<links key="users" href="/gwadmin-service/list/USER/DOMAIN.testDom1"/>
<links key="mtas" href="/gwadmin-service/list/MTA/DOMAIN.testDom1"/>
<links key="libraries" href="/gwadmin-service/list/LIBRARY/
DOMAIN.testDom1"/>
<links key="poas" href="/gwadmin-service/list/POA/DOMAIN.testDom1"/>
<links key="resources" href="/gwadmin-service/list/RESOURCE/
DOMAIN.testDom1"/>
<links key="gwias" href="/gwadmin-service/list/GWIA/DOMAIN.testDom1"/>
<links key="groups" href="/gwadmin-service/list/GROUP/DOMAIN.testDom1"/>
<timeLastMod>1370885999000</timeLastMod>
<lastModifiedBy>Unknown admin</lastModifiedBy>
<lastModifiedOp>ADD</lastModifiedOp>
<forceNullOnAttrs/>
<allowedAddressFormats>
  <inherited>true</inherited>
  <inheritedFrom>testSystem1</inheritedFrom>
  <inheritedValue>
    <AttrNoUsed>FLAST</AttrNoUsed>
    <AttrNoUsed>FIRST_LAST</AttrNoUsed>
    <AttrNoUsed>LAST_FIRST</AttrNoUsed>
    <AttrNoUsed>HOST</AttrNoUsed>
    <AttrNoUsed>USER</AttrNoUsed>
  </inheritedValue>
  <value>
    <AttrNoUsed>FLAST</AttrNoUsed>
    <AttrNoUsed>FIRST_LAST</AttrNoUsed>
    <AttrNoUsed>LAST_FIRST</AttrNoUsed>
    <AttrNoUsed>HOST</AttrNoUsed>
    <AttrNoUsed>USER</AttrNoUsed>
  </value>
</allowedAddressFormats>
```

```
    <enableICalBrowse>
      <value class="boolean">true</value>
      <inheritedValue class="boolean">true</inheritedValue>
      <inheritedFrom>testSystem1</inheritedFrom>
      <inherited>true</inherited>
    </enableICalBrowse>
    <defaultInternetAgentName>
      <value class="string">testDom1.GWIA</value>
      <inheritedValue class="string">testDom1.GWIA</inheritedValue>
      <inheritedFrom>testSystem1</inheritedFrom>
      <inherited>true</inherited>
    </defaultInternetAgentName>
    <directorySyncDomainName>testDom1</directorySyncDomainName>
    <domainRebuildCount>0</domainRebuildCount>
    <domainType>PRIMARY</domainType>
    <domainVersion>1212</domainVersion>
    <fileId>tesf6f</fileId>
    <internetDomainName>
      <inherited>true</inherited>
      <inheritedFrom>testSystem1</inheritedFrom>
      <inheritedValue>testdomain.com</inheritedValue>
      <value>testdomain.com</value>
    </internetDomainName>
    <language>English - US</language>
    <languageId>0</languageId>
    <preferredAddressFormat>
      <inherited>true</inherited>
      <inheritedFrom>testSystem1</inheritedFrom>
      <inheritedValue>FULL</inheritedValue>
      <value>FULL</value>
    </preferredAddressFormat>
    <timezone>(GMT-07:00) Mountain Time (US &amp; Canada)</timezone>
    <timezoneId>MST</timezoneId>
    <path>C:\Novell\GroupWise\testDomain1\</path>
    <clearNotifyUser>false</clearNotifyUser>
    <connected>true</connected>
</domain>
```

Requesting Configuration Information about an MTA

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/mta

Response Status:
200 - OK

JSON Response:
{
  "id" : "MTA.testDom1",
  "guid" : "BC7694C0-086F-0000-AE24-CEFE66AF19D4",
  "name" : "MTA",
  "links" : [ {
    "@title" : "manage",
    "@href" : "/gwadmin-service/domains/testDom1/mta/manage"
```

```json
}, {
  "@title" : "refevents",
  "@href" : "/gwadmin-service/domains/testDom1/mta/refevents"
}, {
  "@title" : "domain",
  "@href" : "/gwadmin-service/domains/testDom1"
} ],
"timeCreated" : null,
"timeLastMod" : 1370970807000,
"legacyDn" : null,
"lastModifiedBy" : "admin.testSystem1",
"lastModifiedOp" : "MODIFY",
"pendingOp" : null,
"adminName" : null,
"agentType" : "MTA",
"bindExclusive" : null,
"description" : "GroupWise Message Transfer Agent",
"httpPort" : 7180,
"httpUser" : "admin",
"logFilePath" : null,
"logLevel" : "NORMAL",
"logMaxAge" : 30,
"logMaxSize" : 102400,
"platform" : "WINDOWS",
"snmpCommunityGetString" : null,
"sslCertfile" : null,
"sslKeyFile" : null,
"sslKeyPassword" : null,
"ipAddress" : "127.0.0.1",
"ipPort" : null,
"sslEnabled" : null,
"domainName" : "testDom1",
"postOfficeName" : null,
"timezoneId" : null,
"languageId" : null,
"timezone" : null,
"language" : null,
"externalSync" : null,
"httpPortUsesSsl" : "DISABLED",
"attachRetry" : 60,
"autoDBRecovery" : true,
"collectDeliveryStatusReports" : null,
"collectOtherStatusReports" : null,
"correlateDeliveryStatusReports" : null,
"defaultRoutingDomain" : null,
"messageLogFilePath" : null,
"messageLogging" : "OFF",
"mtpPortUsesSsl" : "DISABLED",
"mtaRouteDelivery" : 0,
"mtaSendDirect" : 0,
"mtpPort" : 7100,
"reportsCleanupDays" : null,
"scanCycle" : 15,
"scanHigh" : 5,
"trackAdminMessages" : null,
```

```
      "use2ndHighScanner" : true,
      "use2ndMailScanner" : true,
      "serverFlags" : 1,
      "adminPort" : 9710,
      "syncLdapServerName" : null,
      "httpEnabled" : null,
      "httpPassword" : null,
      "exchangeCoexistenceProfiles" : null,
      "coexistenceSyncInterval" : 0,
      "coexistenceSyncStartOffset" : 0,
      "@type" : null,
      "@url" : "/gwadmin-service/domains/testDom1/mta",
      "FID" : null
  }
```

XML Response:

```
<mta>
  <id>MTA.testDom1</id>
  <guid>BC7694C0-086F-0000-AE24-CEFE66AF19D4</guid>
  <name>MTA</name>
  <url>/gwadmin-service/domains/testDom1/mta</url>
  <links key="manage" href="/gwadmin-service/domains/testDom1/mta/manage"/
>
  <links key="refevents" href="/gwadmin-service/domains/testDom1/mta/
refevents"/>
  <links key="domain" href="/gwadmin-service/domains/testDom1"/>
  <timeLastMod>1370970807000</timeLastMod>
  <lastModifiedBy>admin.testSystem1</lastModifiedBy>
  <lastModifiedOp>MODIFY</lastModifiedOp>
  <forceNullOnAttrs/>
  <agentType>MTA</agentType>
  <description>GroupWise Message Transfer Agent</description>
  <httpPort>7180</httpPort>
  <logLevel>NORMAL</logLevel>
  <logMaxAge>30</logMaxAge>
  <logMaxSize>102400</logMaxSize>
  <platform>WINDOWS</platform>
  <ipAddress>127.0.0.1</ipAddress>
  <domainName>testDom1</domainName>
  <httpPortUsesSsl>DISABLED</httpPortUsesSsl>
  <attachRetry>60</attachRetry>
  <autoDBRecovery>true</autoDBRecovery>
  <messageLogging>OFF</messageLogging>
```

```
      <mtpPortUsesSsl>DISABLED</mtpPortUsesSsl>
      <mtaRouteDelivery>0</mtaRouteDelivery>
      <mtaSendDirect>0</mtaSendDirect>
      <mtpPort>7100</mtpPort>
      <scanCycle>15</scanCycle>
      <scanHigh>5</scanHigh>
      <use2ndHighScanner>true</use2ndHighScanner>
      <use2ndMailScanner>true</use2ndMailScanner>
      <serverFlags>1</serverFlags>
      <adminPort>9710</adminPort>
      <httpUser>admin</httpUser>
      <coexistenceSyncInterval>0</coexistenceSyncInterval>
      <coexistenceSyncStartOffset>0</coexistenceSyncStartOffset>
</mta>
```

Requesting Configuration Information about a POA

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/poas

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "POA.testDom1.testPO1.POA",
  "guid" : "56A986B1-0870-0000-8A08-FB644894ACE1",
  "name" : "POA",
  "links" : null,
  "timeCreated" : null,
  "timeLastMod" : 1370970807000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "MODIFY",
  "pendingOp" : null,
  "adminName" : null,
  "agentType" : "POA",
  "bindExclusive" : false,
  "description" : "GroupWise Post Office Agent",
  "httpPort" : 7181,
  "httpUser" : "admin",
  "logFilePath" : null,
  "logLevel" : "NORMAL",
  "logMaxAge" : 30,
  "logMaxSize" : 102400,
  "platform" : "WINDOWS",
  "snmpCommunityGetString" : null,
  "sslCertfile" : null,
  "sslKeyFile" : null,
  "sslKeyPassword" : null,
  "ipAddress" : "127.0.0.1",
  "ipPort" : null,
  "sslEnabled" : null,
```

```
            "domainName" : "testDom1",
            "postOfficeName" : "testPO1",
            "timezoneId" : null,
            "languageId" : null,
            "timezone" : null,
            "language" : null,
            "externalSync" : null,
            "httpPortUsesSsl" : "DISABLED",
            "address" : null,
            "adminAgentFlag" : 0,
            "administrationTaskProcessingDisabled" : false,
            "appConnections" : 2048,
            "cacheEnabled" : true,
            "calendarPublishingEnabled" : true,
            "calendarPublishingPort" : 7171,
            "calendarPublishingThreads" : 4,
            "clientServerEnabled" : true,
            "clientServerThreads" : 10,
            "cpuUtilization" : 85,
            "delayTime" : 100,
            "externalIpAddress" : null,
            "externalClientServerPort" : 0,
            "fileId" : null,
            "httpEnabled" : true,
            "httpPassword" : null,
            "imapEnabled" : false,
            "imapPort" : 143,
            "imapSslPort" : 993,
            "imapThreads" : 40,
            "internalClientServerPort" : 1677,
            "ipxAddress" : null,
            "messageFileProcessing" : "ALL_MESSAGES",
            "messageHandlerThreads" : 6,
            "mtaport" : null,
            "mtpPort" : 7101,
            "physicalConnections" : 2048,
            "primeMoveThreadUsage" : 30,
            "snmpEnabled" : false,
            "soapPort" : 7191,
            "soapExternalPort" : 7191,
            "soapEnabled" : true,
            "soapThreads" : 40,
            "quickFinderEnabled" : true,
            "quickFinderIndexBase" : 20,
            "quickFinderIndexBaseMinute" : 59,
            "quickFinderInterval" : 23,
            "quickFinderIntervalMinute" : 59,
            "quickFinderQuarantineFiles" : false,
            "autoDBRecovery" : true,
            "maintenanceHandlerThreads" : 4,
            "performUserUpkeep" : true,
            "userUpkeepOffset" : 1,
            "generateRemoteAddressBook" : true,
            "generateRemoteAddressBookOffset" : 0,
            "diskCheckInterval" : 5,
```

```
    "diskCheckDelay" : 2,
    "clientServerExtUsesSsl" : "ENABLED",
    "clientServerUsesSsl" : "ENABLED",
    "imapUsesSsl" : "DISABLED",
    "soapUsesSsl" : "DISABLED",
    "mtpPortUsesSsl" : "DISABLED",
    "adminPort" : 9710,
    "@type" : "poa",
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/poas/
POA",
    "FID" : null
} ]
```

XML Response:
```
<list>
  <poa>
    <id>POA.testDom1.testPO1.POA</id>
    <guid>56A986B1-0870-0000-8A08-FB644894ACE1</guid>
    <name>POA</name>
    <objType>poa</objType>
    <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/poas/POA</
url>
    <timeLastMod>1370970807000</timeLastMod>
    <lastModifiedBy>admin.testSystem1</lastModifiedBy>
    <lastModifiedOp>MODIFY</lastModifiedOp>
    <forceNullOnAttrs/>
    <agentType>POA</agentType>
    <bindExclusive>false</bindExclusive>
    <description>GroupWise Post Office Agent</description>
    <httpPort>7181</httpPort>
    <logLevel>NORMAL</logLevel>
    <logMaxAge>30</logMaxAge>
    <logMaxSize>102400</logMaxSize>
    <platform>WINDOWS</platform>
    <ipAddress>127.0.0.1</ipAddress>
    <domainName>testDom1</domainName>
    <postOfficeName>testPO1</postOfficeName>
    <adminAgentFlag>0</adminAgentFlag>
    <administrationTaskProcessingDisabled>false</
administrationTaskProcessingDisabled>
    <appConnections>2048</appConnections>
    <cacheEnabled>true</cacheEnabled>
    <calendarPublishingEnabled>true</calendarPublishingEnabled>
    <calendarPublishingPort>7171</calendarPublishingPort>
    <calendarPublishingThreads>4</calendarPublishingThreads>
    <clientServerEnabled>true</clientServerEnabled>
    <clientServerThreads>10</clientServerThreads>
    <cpuUtilization>85</cpuUtilization>
    <delayTime>100</delayTime>
    <externalClientServerPort>0</externalClientServerPort>
    <httpEnabled>true</httpEnabled>
    <httpUser>admin</httpUser>
    <imapEnabled>false</imapEnabled>
    <imapPort>143</imapPort>
    <imapSslPort>993</imapSslPort>
```

```
        <imapThreads>40</imapThreads>
        <internalClientServerPort>1677</internalClientServerPort>
        <messageFileProcessing>ALL_MESSAGES</messageFileProcessing>
        <messageHandlerThreads>6</messageHandlerThreads>
        <mtpPort>7101</mtpPort>
        <physicalConnections>2048</physicalConnections>
        <primeMoveThreadUsage>30</primeMoveThreadUsage>
        <snmpEnabled>false</snmpEnabled>
        <soapPort>7191</soapPort>
        <soapExternalPort>7191</soapExternalPort>
        <soapEnabled>true</soapEnabled>
        <soapThreads>40</soapThreads>
        <quickFinderEnabled>true</quickFinderEnabled>
        <quickFinderIndexBase>20</quickFinderIndexBase>
        <quickFinderIndexBaseMinute>59</quickFinderIndexBaseMinute>
        <quickFinderInterval>23</quickFinderInterval>
        <quickFinderIntervalMinute>59</quickFinderIntervalMinute>
        <quickFinderQuarantineFiles>false</quickFinderQuarantineFiles>
        <autoDBRecovery>true</autoDBRecovery>
        <maintenanceHandlerThreads>4</maintenanceHandlerThreads>
        <performUserUpkeep>true</performUserUpkeep>
        <userUpkeepOffset>1</userUpkeepOffset>
        <generateRemoteAddressBook>true</generateRemoteAddressBook>
        <generateRemoteAddressBookOffset>0</generateRemoteAddressBookOffset>
        <diskCheckInterval>5</diskCheckInterval>
        <diskCheckDelay>2</diskCheckDelay>
        <clientServerExtUsesSsl>ENABLED</clientServerExtUsesSsl>
        <clientServerUsesSsl>ENABLED</clientServerUsesSsl>
        <imapUsesSsl>DISABLED</imapUsesSsl>
        <soapUsesSsl>DISABLED</soapUsesSsl>
        <httpPortUsesSsl>DISABLED</httpPortUsesSsl>
        <mtpPortUsesSsl>DISABLED</mtpPortUsesSsl>
        <adminPort>9710</adminPort>
    </poa>
</list>
```

Creating a GroupWise User

```
JSON Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users
  expirationDate=0
  postOfficeName=testPO1
  name=testUser1
  surname=testSurname1
  directoryUser=false
  domainName=testDom1

XML Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users
<user>
  <name>testUser1</name>
  <forceNullOnAttrs/>
  <domainName>testDom1</domainName>
  <postOfficeName>testPO1</postOfficeName>
  <surname>testSurname1</surname>
</user>

Response Status:
201 - Created

URL location of the User = https://localhost:9710/gwadmin-service/domains/
testDom1/postoffices/testPO1/users/testUser1
```

Creating an External User

```
JSON Request:
POST https://localhost:9710/gwadmin-service/domains/testExtDom1/
postoffices/testExtPO1/users
   expirationDate=0
   postOfficeName=testExtPO1
   name=testExtUser1
   directoryUser=false
   domainName=testExtDom1

XML Request:
POST https://localhost:9710/gwadmin-service/domains/testExtDom1/
postoffices/testExtPO1/users
<user>
   <name>testExtUser1</name>
   <forceNullOnAttrs/>
   <domainName>testExtDom1</domainName>
   <postOfficeName>testExtPO1</postOfficeName>
</user>

Response Status:
201 - Created

URL location of the external User = https://localhost:9710/gwadmin-service/
domains/testExtDom1/postoffices/testExtPO1/users/testExtUser1
```

Creating a GroupWise User with Chinese Characters in the Last Name

```
JSON Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users
   expirationDate=0
   postOfficeName=testPO1
   name=testChineseUser1
   surname=????
   directoryUser=false
   domainName=testDom1

XML Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users
<user>
   <name>testChineseUser1</name>
   <forceNullOnAttrs/>
   <domainName>testDom1</domainName>
   <postOfficeName>testPO1</postOfficeName>
   <surname>????</surname>
</user>

Response Status:
201 - Created

URL location of the User = https://localhost:9710/gwadmin-service/domains/
testDom1/postoffices/testPO1/users/testChineseUser1
```

Updating a User's First Name That Has Chinese Characters

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testChineseUser1
   streetAddress=??
   expirationDate=0
   directoryUser=false
   givenName=?????????
   country=China

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testChineseUser1
<user>
   <forceNullOnAttrs/>
   <country>China</country>
   <givenName>?????????</givenName>
   <streetAddress>??</streetAddress>
</user>

Response Status:
200 - OK
```

Renaming a User

```
JSON Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/rename
   objectId=USER.testDom1.testPO1.testChineseUser1
   newObjectId=testRenamedUser1

XML Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/rename
<renameRequest>
   <objectId>USER.testDom1.testPO1.testChineseUser1</objectId>
   <newObjectId>testRenamedUser1</newObjectId>
</renameRequest>

Response Status:
200 - OK
```

Creating a GroupWise Group

```
JSON Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups
   exclusiveInternetDomain=false
   postOfficeName=testPO1
   name=testGroup1
   directoryUser=false
   domainName=testDom1

XML Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups
<group>
   <name>testGroup1</name>
   <forceNullOnAttrs/>
   <domainName>testDom1</domainName>
   <postOfficeName>testPO1</postOfficeName>
   <exclusiveInternetDomain>false</exclusiveInternetDomain>
</group>

Response Status:
201 - Created

URL location of the Group = https://localhost:9710/gwadmin-service/domains/
testDom1/postoffices/testPO1/groups/testGroup1
```

Adding a Member to a Group

```
JSON Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/members
   id=GROUP.testDom1.testPO1.testUser1
   participation=PRIMARY

XML Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/members
<member>
   <id>GROUP.testDom1.testPO1.testUser1</id>
   <forceNullOnAttrs/>
   <participation>PRIMARY</participation>
</member>

Response Status:
201 - Created
```

Updating the Participation of a Member of a Group

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/members/USER.testDom1.testPO1.testUser1
  participation=CARBON_COPY

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/members/USER.testDom1.testPO1.testUser1
<member>
  <forceNullOnAttrs/>
  <participation>CARBON_COPY</participation>
</member>

Response Status:
200 - OK
```

Requesting an Access Control List for a Group

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/acl

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "USER.testDom1.testPO1.testGroupMember3",
  "guid" : null,
  "name" : "testGroupMember3",
  "links" : null,
  "timeCreated" : null,
  "timeLastMod" : null,
  "legacyDn" : null,
  "lastModifiedBy" : null,
  "lastModifiedOp" : null,
  "pendingOp" : null,
  "postOfficeName" : "testPO1",
  "domainName" : "testDom1",
  "rights" : "READ",
  "@type" : "accessControl",
  "@url" : null
}, {
  "id" : "USER.testDom1.testPO1.testGroupMember4",
  "guid" : null,
  "name" : "testGroupMember4",
  "links" : null,
  "timeCreated" : null,
  "timeLastMod" : null,
  "legacyDn" : null,
  "lastModifiedBy" : null,
```

```
      "lastModifiedOp" : null,
      "pendingOp" : null,
      "postOfficeName" : "testPO1",
      "domainName" : "testDom1",
      "rights" : "READ",
      "@type" : "accessControl",
      "@url" : null
    }, {
      "id" : "USER.testDom1.testPO1.testGroupMember5",
      "guid" : null,
      "name" : "testGroupMember5",
      "links" : null,
      "timeCreated" : null,
      "timeLastMod" : null,
      "legacyDn" : null,
      "lastModifiedBy" : null,
      "lastModifiedOp" : null,
      "pendingOp" : null,
      "postOfficeName" : "testPO1",
      "domainName" : "testDom1",
      "rights" : "READ",
      "@type" : "accessControl",
      "@url" : null
    }, {
      "id" : "USER.testDom1.testPO1.testGroupMember6",
      "guid" : null,
      "name" : "testGroupMember6",
      "links" : null,
      "timeCreated" : null,
      "timeLastMod" : null,
      "legacyDn" : null,
      "lastModifiedBy" : null,
      "lastModifiedOp" : null,
      "pendingOp" : null,
      "postOfficeName" : "testPO1",
      "domainName" : "testDom1",
      "rights" : "READ",
      "@type" : "accessControl",
      "@url" : null
    } ]

XML Response:
<list>
  <accessControl>
    <objType>accessControl</objType>
    <forceNullOnAttrs/>
    <postOfficeName>testPO1</postOfficeName>
    <domainName>testDom1</domainName>
    <name>testGroupMember3</name>
    <id>USER.testDom1.testPO1.testGroupMember3</id>
    <rights>READ</rights>
  </accessControl>
  <accessControl>
    <objType>accessControl</objType>
    <forceNullOnAttrs/>
```

```
      <postOfficeName>testPO1</postOfficeName>
      <domainName>testDom1</domainName>
      <name>testGroupMember4</name>
      <id>USER.testDom1.testPO1.testGroupMember4</id>
      <rights>READ</rights>
   </accessControl>
   <accessControl>
      <objType>accessControl</objType>
      <forceNullOnAttrs/>
      <postOfficeName>testPO1</postOfficeName>
      <domainName>testDom1</domainName>
      <name>testGroupMember5</name>
      <id>USER.testDom1.testPO1.testGroupMember5</id>
      <rights>READ</rights>
   </accessControl>
   <accessControl>
      <objType>accessControl</objType>
      <forceNullOnAttrs/>
      <postOfficeName>testPO1</postOfficeName>
      <domainName>testDom1</domainName>
      <name>testGroupMember6</name>
      <id>USER.testDom1.testPO1.testGroupMember6</id>
      <rights>READ</rights>
   </accessControl>
</list>
```

Creating a GroupWise Resource

```
JSON Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/resources
   expirationDate=0
   postOfficeName=testPO1
   name=testResource1
   owner=testUser1
   directoryUser=false
   domainName=testDom1

XML Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/resources
<resource>
   <name>testResource1</name>
   <forceNullOnAttrs/>
   <domainName>testDom1</domainName>
   <postOfficeName>testPO1</postOfficeName>
   <owner>testUser1</owner>
</resource>

Response Status:
201 - Created

URL location of the Resource = https://localhost:9710/gwadmin-service/
domains/testDom1/postoffices/testPO1/resources/testResource1
```

Creating a GroupWise Nickname

```
JSON Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/nicknames
  userPostOfficeName=testPO1
  expirationDate=0
  postOfficeName=testPO1
  name=testNicknameName1
  userName=testUser1
  surname=testNicknameSurname1
  directoryUser=false
  domainName=testDom1
  userDomainName=testDom1

XML Request:
POST https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/nicknames
<nickname>
  <name>testNicknameName1</name>
  <forceNullOnAttrs/>
  <domainName>testDom1</domainName>
  <postOfficeName>testPO1</postOfficeName>
  <surname>testNicknameSurname1</surname>
  <userName>testUser1</userName>
  <userPostOfficeName>testPO1</userPostOfficeName>
  <userDomainName>testDom1</userDomainName>
</nickname>

Response Status:
201 - Created

URL location of the Nickname = https://localhost:9710/gwadmin-service/
domains/testDom1/postoffices/testPO1/nicknames/testNicknameName1
```

Finding a Domain by Name

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1

Response Status:
200 - OK

JSON Response:
{
  "id" : "DOMAIN.testDom1",
  "guid" : "BC755C40-086F-0000-AE24-CEFE66AF19D4",
  "name" : "testDom1",
  "links" : [ {
    "@title" : "administrator",
    "@href" : "/gwadmin-service/domains/testDom1/administrator"
  }, {
    "@title" : "clientoptions",
```

```
        "@href" : "/gwadmin-service/domains/testDom1/clientoptions"
      }, {
        "@title" : "customaddresses",
        "@href" : "/gwadmin-service/domains/testDom1/customaddresses"
      }, {
        "@title" : "customaddressestest",
        "@href" : "/gwadmin-service/domains/testDom1/customaddresses/test"
      }, {
        "@title" : "gatewaysubdirs",
        "@href" : "/gwadmin-service/domains/testDom1/gatewaysubdirs"
      }, {
        "@title" : "info",
        "@href" : "/gwadmin-service/domains/testDom1/info"
      }, {
        "@title" : "maintenance",
        "@href" : "/gwadmin-service/domains/testDom1/maintenance"
      }, {
        "@title" : "moverequests",
        "@href" : "/gwadmin-service/domains/testDom1/moverequests"
      }, {
        "@title" : "mta",
        "@href" : "/gwadmin-service/domains/testDom1/mta"
      }, {
        "@title" : "postoffices",
        "@href" : "/gwadmin-service/domains/testDom1/postoffices"
      }, {
        "@title" : "acl",
        "@href" : "/gwadmin-service/domains/testDom1/acl"
      }, {
        "@title" : "synchronize",
        "@href" : "/gwadmin-service/domains/testDom1/synchronize"
      }, {
        "@title" : "users",
        "@href" : "/gwadmin-service/list/USER/DOMAIN.testDom1"
      }, {
        "@title" : "mtas",
        "@href" : "/gwadmin-service/list/MTA/DOMAIN.testDom1"
      }, {
        "@title" : "libraries",
        "@href" : "/gwadmin-service/list/LIBRARY/DOMAIN.testDom1"
      }, {
        "@title" : "poas",
        "@href" : "/gwadmin-service/list/POA/DOMAIN.testDom1"
      }, {
        "@title" : "resources",
        "@href" : "/gwadmin-service/list/RESOURCE/DOMAIN.testDom1"
      }, {
        "@title" : "gwias",
        "@href" : "/gwadmin-service/list/GWIA/DOMAIN.testDom1"
      }, {
        "@title" : "groups",
        "@href" : "/gwadmin-service/list/GROUP/DOMAIN.testDom1"
      } ],
      "timeCreated" : null,
      "timeLastMod" : 1370885999000,
```

```
  "legacyDn" : null,
  "lastModifiedBy" : "Unknown admin",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "allowedAddressFormats" : {
    "inherited" : true,
    "inheritedFrom" : "testSystem1",
    "inheritedValue" : [ "FLAST", "USER", "FIRST_LAST", "HOST",
"LAST_FIRST" ],
    "value" : [ "FLAST", "USER", "FIRST_LAST", "HOST", "LAST_FIRST" ]
  },
  "addressBookView" : null,
  "alternateInternetAgentName" : null,
  "enableICalBrowse" : {
    "value" : true,
    "inheritedValue" : true,
    "inheritedFrom" : "testSystem1",
    "inherited" : true
  },
  "databaseVersion" : null,
  "defaultInternetAgentName" : {
    "value" : "testDom1.GWIA",
    "inheritedValue" : "testDom1.GWIA",
    "inheritedFrom" : "testSystem1",
    "inherited" : true
  },
  "defaultWebAccess" : null,
  "description" : null,
  "directoryName" : null,
  "directorySyncDomainName" : "testDom1",
  "domainRebuildCount" : 0,
  "domainType" : "PRIMARY",
  "domainVersion" : 1212,
  "externalSync" : null,
  "fileId" : "tesf6f",
  "gwId" : null,
  "hideUserComments" : null,
  "internetDomainName" : {
    "inherited" : true,
    "inheritedFrom" : "testSystem1",
    "inheritedValue" : "testdomain.com",
    "value" : "testdomain.com",
    "exclusive" : null
  },
  "language" : "English - US",
  "languageId" : "0",
  "linkedDomainName" : null,
  "lockoutOldAdmin" : null,
  "minimumAdminReleaseDate" : null,
  "minimumAdminVersion" : null,
  "platform" : null,
  "preferredAddressFormat" : {
    "inherited" : true,
    "inheritedFrom" : "testSystem1",
    "inheritedValue" : "FULL",
```

```
      "value" : "FULL"
    },
    "timezone" : "(GMT-07:00) Mountain Time (US & Canada)",
    "timezoneId" : "MST",
    "path" : "C:\\Novell\\GroupWise\\testDomain1\\",
    "adminChanges" : null,
    "mtaAddress" : null,
    "mtaMtpPort" : null,
    "mtaHttpPort" : null,
    "mtaAdminPort" : null,
    "remoteCreation" : null,
    "notifyUser" : null,
    "clearNotifyUser" : false,
    "connected" : true,
    "@type" : null,
    "@url" : "/gwadmin-service/domains/testDom1"
}
```

```
XML Response:
<domain>
  <id>DOMAIN.testDom1</id>
  <guid>BC755C40-086F-0000-AE24-CEFE66AF19D4</guid>
  <name>testDom1</name>
  <url>/gwadmin-service/domains/testDom1</url>
  <links key="administrator" href="/gwadmin-service/domains/testDom1/
administrator"/>
  <links key="clientoptions" href="/gwadmin-service/domains/testDom1/
clientoptions"/>
  <links key="customaddresses" href="/gwadmin-service/domains/testDom1/
customaddresses"/>
  <links key="customaddressestest" href="/gwadmin-service/domains/
testDom1/customaddresses/test"/>
  <links key="gatewaysubdirs" href="/gwadmin-service/domains/testDom1/
gatewaysubdirs"/>
  <links key="info" href="/gwadmin-service/domains/testDom1/info"/>
  <links key="maintenance" href="/gwadmin-service/domains/testDom1/
maintenance"/>
  <links key="moverequests" href="/gwadmin-service/domains/testDom1/
moverequests"/>
  <links key="mta" href="/gwadmin-service/domains/testDom1/mta"/>
  <links key="postoffices" href="/gwadmin-service/domains/testDom1/
postoffices"/>
  <links key="acl" href="/gwadmin-service/domains/testDom1/acl"/>
  <links key="synchronize" href="/gwadmin-service/domains/testDom1/
synchronize"/>
  <links key="users" href="/gwadmin-service/list/USER/DOMAIN.testDom1"/>
  <links key="mtas" href="/gwadmin-service/list/MTA/DOMAIN.testDom1"/>
  <links key="libraries" href="/gwadmin-service/list/LIBRARY/
DOMAIN.testDom1"/>
  <links key="poas" href="/gwadmin-service/list/POA/DOMAIN.testDom1"/>
  <links key="resources" href="/gwadmin-service/list/RESOURCE/
DOMAIN.testDom1"/>
  <links key="gwias" href="/gwadmin-service/list/GWIA/DOMAIN.testDom1"/>
  <links key="groups" href="/gwadmin-service/list/GROUP/DOMAIN.testDom1"/>
  <timeLastMod>1370885999000</timeLastMod>
```

```
<lastModifiedBy>Unknown admin</lastModifiedBy>
<lastModifiedOp>ADD</lastModifiedOp>
<forceNullOnAttrs/>
<allowedAddressFormats>
  <inherited>true</inherited>
  <inheritedFrom>testSystem1</inheritedFrom>
  <inheritedValue>
    <AttrNoUsed>FLAST</AttrNoUsed>
    <AttrNoUsed>FIRST_LAST</AttrNoUsed>
    <AttrNoUsed>LAST_FIRST</AttrNoUsed>
    <AttrNoUsed>HOST</AttrNoUsed>
    <AttrNoUsed>USER</AttrNoUsed>
  </inheritedValue>
  <value>
    <AttrNoUsed>FLAST</AttrNoUsed>
    <AttrNoUsed>FIRST_LAST</AttrNoUsed>
    <AttrNoUsed>LAST_FIRST</AttrNoUsed>
    <AttrNoUsed>HOST</AttrNoUsed>
    <AttrNoUsed>USER</AttrNoUsed>
  </value>
</allowedAddressFormats>
<enableICalBrowse>
  <value class="boolean">true</value>
  <inheritedValue class="boolean">true</inheritedValue>
  <inheritedFrom>testSystem1</inheritedFrom>
  <inherited>true</inherited>
</enableICalBrowse>
<defaultInternetAgentName>
  <value class="string">testDom1.GWIA</value>
  <inheritedValue class="string">testDom1.GWIA</inheritedValue>
  <inheritedFrom>testSystem1</inheritedFrom>
  <inherited>true</inherited>
</defaultInternetAgentName>
<directorySyncDomainName>testDom1</directorySyncDomainName>
<domainRebuildCount>0</domainRebuildCount>
<domainType>PRIMARY</domainType>
<domainVersion>1212</domainVersion>
<fileId>tesf6f</fileId>
<internetDomainName>
  <inherited>true</inherited>
  <inheritedFrom>testSystem1</inheritedFrom>
  <inheritedValue>testdomain.com</inheritedValue>
  <value>testdomain.com</value>
</internetDomainName>
```

```
  <language>English - US</language>
  <languageId>0</languageId>
  <preferredAddressFormat>
    <inherited>true</inherited>
    <inheritedFrom>testSystem1</inheritedFrom>
    <inheritedValue>FULL</inheritedValue>
    <value>FULL</value>
  </preferredAddressFormat>
  <timezone>(GMT-07:00) Mountain Time (US &amp; Canada)</timezone>
  <timezoneId>MST</timezoneId>
  <path>C:\Novell\GroupWise\testDomain1\</path>
  <clearNotifyUser>false</clearNotifyUser>
  <connected>true</connected>
</domain>
```

Finding a Domain by Type

```
Request:
GET https://localhost:9710/gwadmin-service/list/
DOMAIN?domainType=SECONDARY

Response Status:
200 - OK

JSON Response:
[ {
  "id" : "DOMAIN.testDom2",
  "guid" : "5FC6CEE0-08FE-0000-8A08-5BB4E7C4BAB9",
  "name" : "testDom2",
  "links" : null,
  "timeCreated" : 1370968862000,
  "timeLastMod" : 1370968863000,
  "legacyDn" : null,
  "lastModifiedBy" : "Unknown admin",
  "lastModifiedOp" : "MODIFY",
  "pendingOp" : "MODIFY",
  "allowedAddressFormats" : null,
  "addressBookView" : null,
  "alternateInternetAgentName" : null,
  "enableICalBrowse" : null,
  "databaseVersion" : null,
  "defaultInternetAgentName" : null,
  "defaultWebAccess" : null,
  "description" : null,
  "directoryName" : null,
  "directorySyncDomainName" : "testDom2",
  "domainRebuildCount" : 1,
  "domainType" : "SECONDARY",
  "domainVersion" : 1212,
  "externalSync" : null,
  "fileId" : "tesfebe",
  "gwId" : null,
  "hideUserComments" : null,
  "internetDomainName" : null,
```

```
    "language" : "English - US",
    "languageId" : "0",
    "linkedDomainName" : null,
    "lockoutOldAdmin" : null,
    "minimumAdminReleaseDate" : null,
    "minimumAdminVersion" : null,
    "platform" : null,
    "preferredAddressFormat" : null,
    "timezone" : "(GMT-07:00) Mountain Time (US & Canada)",
    "timezoneId" : "MST",
    "path" : "C:\\Novell\\GroupWise\\testDomain2",
    "adminChanges" : null,
    "mtaAddress" : null,
    "mtaMtpPort" : null,
    "mtaHttpPort" : null,
    "mtaAdminPort" : null,
    "remoteCreation" : null,
    "notifyUser" : null,
    "clearNotifyUser" : false,
    "connected" : false,
    "@type" : "domain",
    "@url" : "/gwadmin-service/domains/testDom2"
} ]
```

XML Response:
```
<list>
  <domain>
    <id>DOMAIN.testDom2</id>
    <guid>5FC6CEE0-08FE-0000-8A08-5BB4E7C4BAB9</guid>
    <name>testDom2</name>
    <objType>domain</objType>
    <url>/gwadmin-service/domains/testDom2</url>
    <timeCreated>1370968862000</timeCreated>
    <timeLastMod>1370968863000</timeLastMod>
    <lastModifiedBy>Unknown admin</lastModifiedBy>
    <lastModifiedOp>MODIFY</lastModifiedOp>
    <pendingOp>MODIFY</pendingOp>
    <forceNullOnAttrs/>
    <directorySyncDomainName>testDom2</directorySyncDomainName>
    <domainRebuildCount>1</domainRebuildCount>
    <domainType>SECONDARY</domainType>
    <domainVersion>1212</domainVersion>
    <fileId>tesfebe</fileId>
    <language>English - US</language>
    <languageId>0</languageId>
    <timezone>(GMT-07:00) Mountain Time (US &amp; Canada)</timezone>
    <timezoneId>MST</timezoneId>
    <path>C:\Novell\GroupWise\testDomain2</path>
    <clearNotifyUser>false</clearNotifyUser>
    <connected>false</connected>
  </domain>
</list>
```

Finding a Post Office

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1

Response Status:
200 - OK

JSON Response:
{
  "id" : "POST_OFFICE.testDom1.testPO1",
  "guid" : "56A986B0-0870-0000-8A08-FB644894ACE1",
  "name" : "testPO1",
  "links" : [ {
    "@title" : "aliases",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
aliases"
  }, {
    "@title" : "bumpclientupdate",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
bumpclientupdate"
  }, {
    "@title" : "certificatefiles",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
certificatefiles"
  }, {
    "@title" : "clientoptions",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
clientoptions"
  }, {
    "@title" : "info",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/info"
  }, {
    "@title" : "groups",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
groups"
  }, {
    "@title" : "gwcheck",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
gwcheck"
  }, {
    "@title" : "libraries",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
libraries"
  }, {
    "@title" : "maintenance",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
maintenance"
  }, {
    "@title" : "moverequests",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
moverequests"
  }, {
```

```
      "@title" : "nicknames",
      "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
nicknames"
   }, {
      "@title" : "poas",
      "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/poas"
   }, {
      "@title" : "acl",
      "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/acl"
   }, {
      "@title" : "refldapservers",
      "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
refldapservers"
   }, {
      "@title" : "resources",
      "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources"
   }, {
      "@title" : "synchronize",
      "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
synchronize"
   }, {
      "@title" : "timestamp",
      "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
timestamp"
   }, {
      "@title" : "users",
      "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users"
   }, {
      "@title" : "rename",
      "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
rename"
   }, {
      "@title" : "domain",
      "@href" : "/gwadmin-service/domains/testDom1"
   } ],
   "timeCreated" : 1370907858000,
   "timeLastMod" : 1370907860000,
   "legacyDn" : null,
   "lastModifiedBy" : "Unknown admin",
   "lastModifiedOp" : "MODIFY",
   "pendingOp" : null,
   "adminChanges" : null,
   "accessMode" : "CLIENT_SERVER",
   "allowedAddressFormats" : {
      "inherited" : true,
      "inheritedFrom" : "testSystem1",
      "inheritedValue" : [ "FLAST", "USER", "FIRST_LAST", "HOST",
"LAST_FIRST" ],
      "value" : [ "FLAST", "USER", "FIRST_LAST", "HOST", "LAST_FIRST" ]
   },
   "archiveServiceTrustedAppName" : null,
   "clientLockout" : null,
   "clientLockoutDate" : null,
   "clientLockoutVersion" : null,
```

```
      "defaultInternetAgentName" : null,
      "description" : null,
      "domainName" : "testDom1",
      "deliveryMode" : "APP_THRESHOLD",
      "disableDeltaRecords" : null,
      "disableLdapPasswordChange" : null,
      "disableLiveMove" : null,
      "disableLogins" : false,
      "deltaRecordsMaxAge" : null,
      "enableICalBrowse" : {
        "value" : true,
        "inheritedValue" : true,
        "inheritedFrom" : "testSystem1",
        "inherited" : true
      },
      "externalRecord" : false,
      "externalSync" : null,
      "fileId" : "tes1072",
      "gwId" : null,
      "internetDomainName" : {
        "inherited" : true,
        "inheritedFrom" : "testSystem1",
        "inheritedValue" : "testdomain.com",
        "value" : "testdomain.com",
        "exclusive" : null
      },
      "intruderDetection" : true,
      "intruderLockoutAttempts" : 5,
      "intruderLockoutAttemptsInterval" : 30,
      "intruderLockoutResetInterval" : 30,
      "language" : "English - US",
      "languageId" : "0",
      "ldapDefaultDirectory" : null,
      "ldapUser" : null,
      "ldapPassword" : null,
      "ldapInactiveConnectionTimeout" : null,
      "ldapPoolServerResetTimeout" : null,
      "ldapQuarantineThreshold" : null,
      "linkAddress" : "C:\\Novell\\GroupWise\\testPostOffice1",
      "linkAddressType" : "TCP_IP",
      "mtpAppName" : "POA",
      "mtpMaxSendSize" : null,
      "platform" : null,
      "postOfficeVersion" : 1212,
      "preferredAddressFormat" : {
        "inherited" : true,
        "inheritedFrom" : "testSystem1",
        "inheritedValue" : "FULL",
        "value" : "FULL"
      },
      "remoteUser" : null,
      "remotePassword" : null,
      "restoreAreaName" : null,
      "securitySettings" : [ "HIGH" ],
      "softwareAreaGuid" : null,
```

```
  "softwareVersion" : null,
  "syncContext" : null,
  "timezone" : "(GMT-07:00) Mountain Time (US & Canada)",
  "timezoneId" : "MST",
  "path" : "C:\\Novell\\GroupWise\\testPostOffice1",
  "associationsUpdate" : null,
  "poaAddress" : null,
  "poaCsPort" : null,
  "poaMtpPort" : null,
  "poaHttpPort" : null,
  "timeStamp" : null,
  "clientUpdateBumpNumber" : 0,
  "poaAdminPort" : null,
  "remoteCreation" : null,
  "displayName" : "testPO1",
  "draggable" : true,
  "@type" : null,
  "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1"
}
```

```
XML Response:
<postOffice>
  <id>POST_OFFICE.testDom1.testPO1</id>
  <guid>56A986B0-0870-0000-8A08-FB644894ACE1</guid>
  <name>testPO1</name>
  <url>/gwadmin-service/domains/testDom1/postoffices/testPO1</url>
  <links key="aliases" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/aliases"/>
  <links key="bumpclientupdate" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/bumpclientupdate"/>
  <links key="certificatefiles" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/certificatefiles"/>
  <links key="clientoptions" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/clientoptions"/>
  <links key="info" href="/gwadmin-service/domains/testDom1/postoffices/
testPO1/info"/>
  <links key="groups" href="/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups"/>
  <links key="gwcheck" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/gwcheck"/>
  <links key="libraries" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/libraries"/>
  <links key="maintenance" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/maintenance"/>
  <links key="moverequests" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/moverequests"/>
  <links key="nicknames" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/nicknames"/>
  <links key="poas" href="/gwadmin-service/domains/testDom1/postoffices/
testPO1/poas"/>
  <links key="acl" href="/gwadmin-service/domains/testDom1/postoffices/
testPO1/acl"/>
  <links key="refldapservers" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/refldapservers"/>
  <links key="resources" href="/gwadmin-service/domains/testDom1/
```

```
postoffices/testPO1/resources"/>
  <links key="synchronize" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/synchronize"/>
  <links key="timestamp" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/timestamp"/>
  <links key="users" href="/gwadmin-service/domains/testDom1/postoffices/
testPO1/users"/>
  <links key="rename" href="/gwadmin-service/domains/testDom1/postoffices/
testPO1/rename"/>
  <links key="domain" href="/gwadmin-service/domains/testDom1"/>
  <timeCreated>1370907858000</timeCreated>
  <timeLastMod>1370907860000</timeLastMod>
  <lastModifiedBy>Unknown admin</lastModifiedBy>
  <lastModifiedOp>MODIFY</lastModifiedOp>
  <forceNullOnAttrs/>
  <accessMode>CLIENT_SERVER</accessMode>
  <allowedAddressFormats>
    <inherited>true</inherited>
    <inheritedFrom>testSystem1</inheritedFrom>
    <inheritedValue>
      <AttrNoUsed>FLAST</AttrNoUsed>
      <AttrNoUsed>FIRST_LAST</AttrNoUsed>
      <AttrNoUsed>LAST_FIRST</AttrNoUsed>
      <AttrNoUsed>HOST</AttrNoUsed>
      <AttrNoUsed>USER</AttrNoUsed>
    </inheritedValue>
    <value>
      <AttrNoUsed>FLAST</AttrNoUsed>
      <AttrNoUsed>FIRST_LAST</AttrNoUsed>
      <AttrNoUsed>LAST_FIRST</AttrNoUsed>
      <AttrNoUsed>HOST</AttrNoUsed>
      <AttrNoUsed>USER</AttrNoUsed>
    </value>
  </allowedAddressFormats>
  <domainName>testDom1</domainName>
  <deliveryMode>APP_THRESHOLD</deliveryMode>
  <disableLogins>false</disableLogins>
  <enableICalBrowse>
    <value class="boolean">true</value>
    <inheritedValue class="boolean">true</inheritedValue>
    <inheritedFrom>testSystem1</inheritedFrom>
    <inherited>true</inherited>
  </enableICalBrowse>
  <externalEntity>false</externalEntity>
  <externalRecord>false</externalRecord>
  <fileId>tes1072</fileId>
  <internetDomainName>
    <inherited>true</inherited>
    <inheritedFrom>testSystem1</inheritedFrom>
    <inheritedValue>testdomain.com</inheritedValue>
    <value>testdomain.com</value>
  </internetDomainName>
  <intruderDetection>true</intruderDetection>
  <intruderLockoutAttempts>5</intruderLockoutAttempts>
  <intruderLockoutAttemptsInterval>30</intruderLockoutAttemptsInterval>
```

```
<intruderLockoutResetInterval>30</intruderLockoutResetInterval>
<language>English - US</language>
<languageId>0</languageId>
<linkAddress>C:\Novell\GroupWise\testPostOffice1</linkAddress>
<linkAddressType>TCP_IP</linkAddressType>
<mtpAppName>POA</mtpAppName>
<postOfficeVersion>1212</postOfficeVersion>
<preferredAddressFormat>
  <inherited>true</inherited>
  <inheritedFrom>testSystem1</inheritedFrom>
  <inheritedValue>FULL</inheritedValue>
  <value>FULL</value>
</preferredAddressFormat>
<securitySettings class="AttrNoUsed">HIGH</securitySettings>
<timezone>(GMT-07:00) Mountain Time (US &amp; Canada)</timezone>
<timezoneId>MST</timezoneId>
<path>C:\Novell\GroupWise\testPostOffice1</path>
<clientUpdateBumpNumber>0</clientUpdateBumpNumber>
</postOffice>
```

Finding a User in the GroupWise System

```
Request:
GET https://localhost:9710/gwadmin-service/list/USER?filter=name match
'testUser1'

Response Status:
200 - OK

JSON Response:
{
  "id" : "USER.testDom1.testPO1.testUser1",
  "guid" : "3C0BF3D0-09EF-0000-8A08-20888CC82C5A",
  "name" : "testUser1",
  "links" : null,
  "timeCreated" : 1371072310000,
  "timeLastMod" : 1371072310000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
```

```
        "directoryId" : null,
        "enableICalBrowse" : null,
        "restoreArea" : null,
        "expirationDate" : 0,
        "externalRecord" : null,
        "externalSync" : null,
        "fileId" : "fri",
        "accountId" : null,
        "city" : null,
        "company" : null,
        "country" : null,
        "department" : null,
        "externalEntity" : null,
        "externalSyncOverride" : null,
        "faxNumber" : null,
        "gatewayAccess" : null,
        "givenName" : null,
        "gwId" : null,
        "homePhoneNumber" : null,
        "ldapAuthentication" : null,
        "location" : null,
        "lastClientLoginTime" : null,
        "lastClientType" : null,
        "loginDisabled" : null,
        "mailboxId" : null,
        "middleInitial" : null,
        "mobilePhoneNumber" : null,
        "networkId" : null,
        "otherPhoneNumber" : null,
        "pagerNumber" : null,
        "postalZipCode" : null,
        "postOfficeBox" : null,
        "stateProvince" : null,
        "streetAddress" : null,
        "suffix" : null,
        "surname" : "testSurname1",
        "telephoneNumber" : null,
        "title" : null,
        "groupAccessControlUpdateList" : null,
        "groupMembersUpdateList" : null,
        "adminDefined1" : null,
        "adminDefined2" : null,
        "adminDefined3" : null,
        "adminDefined4" : null,
        "adminDefined5" : null,
        "adminDefined6" : null,
        "adminDefined7" : null,
        "adminDefined8" : null,
        "adminDefined9" : null,
        "adminDefined10" : null,
        "adminDefined11" : null,
        "adminDefined12" : null,
        "adminDefined13" : null,
        "adminDefined14" : null,
        "adminDefined15" : null,
```

```
      "adminDefined16" : null,
      "adminDefined17" : null,
      "adminDefined18" : null,
      "adminDefined19" : null,
      "adminDefined20" : null,
      "mailboxSizeMb" : null,
      "mailboxLicenseType" : null,
      "moveComplete" : null,
      "directoryUser" : false,
      "@type" : "user",
      "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
   testUser1"
   }

   XML Response:
   <user>
      <id>USER.testDom1.testPO1.testUser1</id>
      <guid>D8C01260-09EF-0000-8A08-20888CC82C5A</guid>
      <name>testUser1</name>
      <objType>user</objType>
      <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
   testUser1</url>
      <timeCreated>1371072573000</timeCreated>
      <timeLastMod>1371072573000</timeLastMod>
      <lastModifiedBy>admin.testSystem1</lastModifiedBy>
      <lastModifiedOp>ADD</lastModifiedOp>
      <forceNullOnAttrs/>
      <domainName>testDom1</domainName>
      <postOfficeName>testPO1</postOfficeName>
      <visibility>SYSTEM</visibility>
      <fileId>q2t</fileId>
      <surname>testSurname1</surname>
   </user>
```

Finding a User in a Domain

```
   Request:
   GET https://localhost:9710/gwadmin-service/list/USER/
   DOMAIN.testDom1?name=testUser1

   Response Status:
   200 - OK

   JSON Response:
   {
      "id" : "USER.testDom1.testPO1.testUser1",
      "guid" : "3C0BF3D0-09EF-0000-8A08-20888CC82C5A",
      "name" : "testUser1",
      "links" : null,
      "timeCreated" : 1371072310000,
      "timeLastMod" : 1371072310000,
      "legacyDn" : null,
      "lastModifiedBy" : "admin.testSystem1",
      "lastModifiedOp" : "ADD",
```

```
"pendingOp" : null,
"domainName" : "testDom1",
"postOfficeName" : "testPO1",
"description" : null,
"emailAddresses" : null,
"visibility" : "SYSTEM",
"defaultInternetAgentName" : null,
"allowedAddressFormats" : null,
"internetDomainName" : null,
"preferredAddressFormat" : null,
"preferredEmailId" : null,
"moveStatus" : null,
"ldapDn" : null,
"ldapId" : null,
"directoryId" : null,
"enableICalBrowse" : null,
"restoreArea" : null,
"expirationDate" : 0,
"externalRecord" : null,
"externalSync" : null,
"fileId" : "fri",
"accountId" : null,
"city" : null,
"company" : null,
"country" : null,
"department" : null,
"externalEntity" : null,
"externalSyncOverride" : null,
"faxNumber" : null,
"gatewayAccess" : null,
"givenName" : null,
"gwId" : null,
"homePhoneNumber" : null,
"ldapAuthentication" : null,
"location" : null,
"lastClientLoginTime" : null,
"lastClientType" : null,
"loginDisabled" : null,
"mailboxId" : null,
"middleInitial" : null,
"mobilePhoneNumber" : null,
"networkId" : null,
"otherPhoneNumber" : null,
"pagerNumber" : null,
"postalZipCode" : null,
"postOfficeBox" : null,
"stateProvince" : null,
"streetAddress" : null,
"suffix" : null,
"surname" : "testSurname1",
"telephoneNumber" : null,
"title" : null,
"groupAccessControlUpdateList" : null,
"groupMembersUpdateList" : null,
"adminDefined1" : null,
```

```
  "adminDefined2" : null,
  "adminDefined3" : null,
  "adminDefined4" : null,
  "adminDefined5" : null,
  "adminDefined6" : null,
  "adminDefined7" : null,
  "adminDefined8" : null,
  "adminDefined9" : null,
  "adminDefined10" : null,
  "adminDefined11" : null,
  "adminDefined12" : null,
  "adminDefined13" : null,
  "adminDefined14" : null,
  "adminDefined15" : null,
  "adminDefined16" : null,
  "adminDefined17" : null,
  "adminDefined18" : null,
  "adminDefined19" : null,
  "adminDefined20" : null,
  "mailboxSizeMb" : null,
  "mailboxLicenseType" : null,
  "moveComplete" : null,
  "directoryUser" : false,
  "@type" : "user",
  "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1"
}
```

```
XML Response:
```
```
<user>
  <id>USER.testDom1.testPO1.testUser1</id>
  <guid>D8C01260-09EF-0000-8A08-20888CC82C5A</guid>
  <name>testUser1</name>
  <objType>user</objType>
  <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1</url>
  <timeCreated>1371072573000</timeCreated>
  <timeLastMod>1371072573000</timeLastMod>
  <lastModifiedBy>admin.testSystem1</lastModifiedBy>
  <lastModifiedOp>ADD</lastModifiedOp>
  <forceNullOnAttrs/>
  <domainName>testDom1</domainName>
  <postOfficeName>testPO1</postOfficeName>
  <visibility>SYSTEM</visibility>
  <fileId>q2t</fileId>
  <surname>testSurname1</surname>
</user>
```

NOTE: The `?name` query automatically does end of name wildcard searching.

Finding a User in a Post Office

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1

Response Status:
200 - OK

JSON Response:
{
  "id" : "USER.testDom1.testPO1.testUser1",
  "guid" : "3C0BF3D0-09EF-0000-8A08-20888CC82C5A",
  "name" : "testUser1",
  "links" : [ {
    "@title" : "administeredgroups",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1/administeredgroups"
  }, {
    "@title" : "aliases",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1/aliases"
  }, {
    "@title" : "clientoptions",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1/clientoptions"
  }, {
    "@title" : "info",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1/info"
  }, {
    "@title" : "emailaddresses",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1/emailaddresses"
  }, {
    "@title" : "groupmemberships",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1/groupmemberships"
  }, {
    "@title" : "gwcheck",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1/gwcheck"
  }, {
    "@title" : "resources",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1/resources"
  }, {
    "@title" : "nicknames",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1/nicknames"
  }, {
    "@title" : "synchronize",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1/synchronize"
```

```
      }, {
        "@title" : "restorearea",
        "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
   testUser1/restorearea"
      }, {
        "@title" : "restoremailbox",
        "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
   testUser1/restoremailbox"
      }, {
        "@title" : "domain",
        "@href" : "/gwadmin-service/domains/testDom1"
      }, {
        "@title" : "postoffice",
        "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1"
      } ],
      "timeCreated" : 1371072310000,
      "timeLastMod" : 1371072310000,
      "legacyDn" : null,
      "lastModifiedBy" : "admin.testSystem1",
      "lastModifiedOp" : "ADD",
      "pendingOp" : null,
      "domainName" : "testDom1",
      "postOfficeName" : "testPO1",
      "description" : null,
      "emailAddresses" : [ "testUser1.testPO1.testDom1@testdomain.com" ],
      "visibility" : "SYSTEM",
      "defaultInternetAgentName" : null,
      "allowedAddressFormats" : {
        "inherited" : true,
        "inheritedFrom" : "testSystem1",
        "inheritedValue" : [ "FLAST", "USER", "FIRST_LAST", "HOST",
   "LAST_FIRST" ],
        "value" : [ "FLAST", "USER", "FIRST_LAST", "HOST", "LAST_FIRST" ]
      },
      "internetDomainName" : {
        "inherited" : true,
        "inheritedFrom" : "testSystem1",
        "inheritedValue" : "testdomain.com",
        "value" : "testdomain.com",
        "exclusive" : null
      },
      "preferredAddressFormat" : {
        "inherited" : true,
        "inheritedFrom" : "testSystem1",
        "inheritedValue" : "FULL",
        "value" : "FULL"
      },
      "preferredEmailId" : null,
      "moveStatus" : null,
      "ldapDn" : null,
      "ldapId" : null,
      "directoryId" : null,
      "enableICalBrowse" : {
        "value" : true,
        "inheritedValue" : true,
```

```
                    "inheritedFrom" : "testSystem1",
                    "inherited" : true
                },
                "restoreArea" : null,
                "expirationDate" : 0,
                "externalRecord" : null,
                "externalSync" : null,
                "fileId" : "fri",
                "accountId" : null,
                "city" : null,
                "company" : null,
                "country" : null,
                "department" : null,
                "externalEntity" : null,
                "externalSyncOverride" : null,
                "faxNumber" : null,
                "gatewayAccess" : null,
                "givenName" : null,
                "gwId" : null,
                "homePhoneNumber" : null,
                "ldapAuthentication" : null,
                "location" : null,
                "lastClientLoginTime" : null,
                "lastClientType" : null,
                "loginDisabled" : null,
                "mailboxId" : null,
                "middleInitial" : null,
                "mobilePhoneNumber" : null,
                "networkId" : null,
                "otherPhoneNumber" : null,
                "pagerNumber" : null,
                "postalZipCode" : null,
                "postOfficeBox" : null,
                "stateProvince" : null,
                "streetAddress" : null,
                "suffix" : null,
                "surname" : "testSurname1",
                "telephoneNumber" : null,
                "title" : null,
                "groupAccessControlUpdateList" : null,
                "groupMembersUpdateList" : null,
                "adminDefined1" : null,
                "adminDefined2" : null,
                "adminDefined3" : null,
                "adminDefined4" : null,
                "adminDefined5" : null,
                "adminDefined6" : null,
                "adminDefined7" : null,
                "adminDefined8" : null,
                "adminDefined9" : null,
                "adminDefined10" : null,
                "adminDefined11" : null,
                "adminDefined12" : null,
                "adminDefined13" : null,
                "adminDefined14" : null,
```

```
    "adminDefined15" : null,
    "adminDefined16" : null,
    "adminDefined17" : null,
    "adminDefined18" : null,
    "adminDefined19" : null,
    "adminDefined20" : null,
    "mailboxSizeMb" : null,
    "mailboxLicenseType" : null,
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : null,
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1"
}
```

XML Response:
```xml
<user>
  <id>USER.testDom1.testPO1.testUser1</id>
  <guid>D8C01260-09EF-0000-8A08-20888CC82C5A</guid>
  <name>testUser1</name>
  <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testUser1</url>
  <links key="administeredgroups" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testUser1/administeredgroups"/>
  <links key="aliases" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testUser1/aliases"/>
  <links key="clientoptions" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testUser1/clientoptions"/>
  <links key="info" href="/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/info"/>
  <links key="emailaddresses" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testUser1/emailaddresses"/>
  <links key="groupmemberships" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testUser1/groupmemberships"/>
  <links key="gwcheck" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testUser1/gwcheck"/>
  <links key="resources" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testUser1/resources"/>
  <links key="nicknames" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testUser1/nicknames"/>
  <links key="synchronize" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testUser1/synchronize"/>
  <links key="restorearea" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testUser1/restorearea"/>
  <links key="restoremailbox" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testUser1/restoremailbox"/>
  <links key="domain" href="/gwadmin-service/domains/testDom1"/>
  <links key="postoffice" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1"/>
  <timeCreated>1371072573000</timeCreated>
  <timeLastMod>1371072573000</timeLastMod>
  <lastModifiedBy>admin.testSystem1</lastModifiedBy>
  <lastModifiedOp>ADD</lastModifiedOp>
  <forceNullOnAttrs/>
  <domainName>testDom1</domainName>
```

```xml
      <postOfficeName>testPO1</postOfficeName>
      <emailAddresses>
        <string>testUser1.testPO1.testDom1@testdomain.com</string>
      </emailAddresses>
      <visibility>SYSTEM</visibility>
      <allowedAddressFormats>
        <inherited>true</inherited>
        <inheritedFrom>testSystem1</inheritedFrom>
        <inheritedValue>
          <AttrNoUsed>FLAST</AttrNoUsed>
          <AttrNoUsed>FIRST_LAST</AttrNoUsed>
          <AttrNoUsed>LAST_FIRST</AttrNoUsed>
          <AttrNoUsed>HOST</AttrNoUsed>
          <AttrNoUsed>USER</AttrNoUsed>
        </inheritedValue>
        <value>
          <AttrNoUsed>FLAST</AttrNoUsed>
          <AttrNoUsed>FIRST_LAST</AttrNoUsed>
          <AttrNoUsed>LAST_FIRST</AttrNoUsed>
          <AttrNoUsed>HOST</AttrNoUsed>
          <AttrNoUsed>USER</AttrNoUsed>
        </value>
      </allowedAddressFormats>
      <internetDomainName>
        <inherited>true</inherited>
        <inheritedFrom>testSystem1</inheritedFrom>
        <inheritedValue>testdomain.com</inheritedValue>
        <value>testdomain.com</value>
      </internetDomainName>
      <preferredAddressFormat>
        <inherited>true</inherited>
        <inheritedFrom>testSystem1</inheritedFrom>
        <inheritedValue>FULL</inheritedValue>
        <value>FULL</value>
      </preferredAddressFormat>
      <enableICalBrowse>
        <value class="boolean">true</value>
        <inheritedValue class="boolean">true</inheritedValue>
        <inheritedFrom>testSystem1</inheritedFrom>
        <inherited>true</inherited>
      </enableICalBrowse>
      <fileId>q2t</fileId>
      <surname>testSurname1</surname>
    </user>
```

Finding a User in a Group

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/members/GROUP.testDom1.testPO1.testUser1

Response Status:
200 - OK

JSON Response:
{
  "id" : "USER.testDom1.testPO1.testUser1",
  "guid" : null,
  "name" : "testUser1",
  "links" : null,
  "timeCreated" : null,
  "timeLastMod" : null,
  "legacyDn" : null,
  "lastModifiedBy" : null,
  "lastModifiedOp" : null,
  "pendingOp" : null,
  "postOfficeName" : "testPO1",
  "domainName" : "testDom1",
  "givenName" : null,
  "participation" : "PRIMARY",
  "type" : "USER",
  "surname" : "testSurname1",
  "@type" : null,
  "@url" : null
}

XML Response:
<member>
  <id>USER.testDom1.testPO1.testUser1</id>
  <name>testUser1</name>
  <forceNullOnAttrs/>
  <postOfficeName>testPO1</postOfficeName>
  <domainName>testDom1</domainName>
  <participation>PRIMARY</participation>
  <type>USER</type>
  <surname>testSurname1</surname>
</member>
```

Finding a User's Last Name That Has Chinese Characters

```
Request:
GET https://localhost:9710/gwadmin-service/list/USER?surname=????

Response Status:
200 - OK

JSON Response:
{
  "id" : "USER.testDom1.testPO1.testChineseUser1",
  "guid" : "3D438970-09EF-0000-8A08-20888CC82C5A",
  "name" : "testChineseUser1",
  "links" : null,
  "timeCreated" : 1371072312000,
  "timeLastMod" : 1371072312000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "enableICalBrowse" : null,
  "restoreArea" : null,
  "expirationDate" : 0,
  "externalRecord" : null,
  "externalSync" : null,
  "fileId" : "77i",
  "accountId" : null,
  "city" : null,
  "company" : null,
  "country" : null,
  "department" : null,
  "externalEntity" : null,
  "externalSyncOverride" : null,
  "faxNumber" : null,
  "gatewayAccess" : null,
  "givenName" : null,
  "gwId" : null,
  "homePhoneNumber" : null,
  "ldapAuthentication" : null,
  "location" : null,
```

```
  "lastClientLoginTime" : null,
  "lastClientType" : null,
  "loginDisabled" : null,
  "mailboxId" : null,
  "middleInitial" : null,
  "mobilePhoneNumber" : null,
  "networkId" : null,
  "otherPhoneNumber" : null,
  "pagerNumber" : null,
  "postalZipCode" : null,
  "postOfficeBox" : null,
  "stateProvince" : null,
  "streetAddress" : null,
  "suffix" : null,
  "surname" : "????",
  "telephoneNumber" : null,
  "title" : null,
  "groupAccessControlUpdateList" : null,
  "groupMembersUpdateList" : null,
  "adminDefined1" : null,
  "adminDefined2" : null,
  "adminDefined3" : null,
  "adminDefined4" : null,
  "adminDefined5" : null,
  "adminDefined6" : null,
  "adminDefined7" : null,
  "adminDefined8" : null,
  "adminDefined9" : null,
  "adminDefined10" : null,
  "adminDefined11" : null,
  "adminDefined12" : null,
  "adminDefined13" : null,
  "adminDefined14" : null,
  "adminDefined15" : null,
  "adminDefined16" : null,
  "adminDefined17" : null,
  "adminDefined18" : null,
  "adminDefined19" : null,
  "adminDefined20" : null,
  "mailboxSizeMb" : null,
  "mailboxLicenseType" : null,
  "moveComplete" : null,
  "directoryUser" : false,
  "@type" : "user",
  "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testChineseUser1"
}
```

XML Response:
```
<user>
  <id>USER.testDom1.testPO1.testChineseUser1</id>
  <guid>D9ACBC50-09EF-0000-8A08-20888CC82C5A</guid>
  <name>testChineseUser1</name>
```

```
   <objType>user</objType>
   <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/users/
testChineseUser1</url>
   <timeCreated>1371072575000</timeCreated>
   <timeLastMod>1371072575000</timeLastMod>
   <lastModifiedBy>admin.testSystem1</lastModifiedBy>
   <lastModifiedOp>ADD</lastModifiedOp>
   <forceNullOnAttrs/>
   <domainName>testDom1</domainName>
   <postOfficeName>testPO1</postOfficeName>
   <visibility>SYSTEM</visibility>
   <fileId>iit</fileId>
   <surname>????</surname>
</user>
```

Finding a Group in the GroupWise System

```
Request:
GET https://localhost:9710/gwadmin-service/list/GROUP?name=testGroup1

Response Status:
200 - OK

JSON Response:
{
  "id" : "GROUP.testDom1.testPO1.testGroup1",
  "guid" : "3D593450-09EF-0000-8A08-20888CC82C5A",
  "name" : "testGroup1",
  "links" : null,
  "timeCreated" : 1371072313000,
  "timeLastMod" : 1371072313000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "POST_OFFICE",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "postOffice" : null,
  "groupType" : "DISTRIBUTION_LIST",
  "replicationOverride" : null,
  "exclusiveInternetDomain" : false,
  "groupAccessControlUpdateList" : null,
```

```
    "groupMembershipUpdateList" : null,
    "externalSync" : null,
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : "group",
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/groups/
testGroup1"
}

XML Response:
<group>
  <id>GROUP.testDom1.testPO1.testGroup1</id>
  <guid>D9C2B550-09EF-0000-8A08-20888CC82C5A</guid>
  <name>testGroup1</name>
  <objType>group</objType>
  <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/groups/
testGroup1</url>
  <timeCreated>1371072575000</timeCreated>
  <timeLastMod>1371072575000</timeLastMod>
  <lastModifiedBy>admin.testSystem1</lastModifiedBy>
  <lastModifiedOp>ADD</lastModifiedOp>
  <forceNullOnAttrs/>
  <domainName>testDom1</domainName>
  <postOfficeName>testPO1</postOfficeName>
  <visibility>POST_OFFICE</visibility>
  <groupType>DISTRIBUTION_LIST</groupType>
  <exclusiveInternetDomain>false</exclusiveInternetDomain>
</group>
```

NOTE: The `?name` query automatically does end of name wildcard searching.

Finding a Group in a Post Office

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1

Response Status:
200 - OK

JSON Response:
{
  "id" : "GROUP.testDom1.testPO1.testGroup1",
  "guid" : "3D593450-09EF-0000-8A08-20888CC82C5A",
  "name" : "testGroup1",
  "links" : [ {
    "@title" : "groupmemberships",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
groups/testGroup1/groupmemberships"
  }, {
    "@title" : "nicknames",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
groups/testGroup1/nicknames"
```

```
    }, {
      "@title" : "members",
      "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
groups/testGroup1/members"
    }, {
      "@title" : "acl",
      "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
groups/testGroup1/acl"
    }, {
      "@title" : "domain",
      "@href" : "/gwadmin-service/domains/testDom1"
    }, {
      "@title" : "postoffice",
      "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1"
    } ],
    "timeCreated" : 1371072313000,
    "timeLastMod" : 1371072313000,
    "legacyDn" : null,
    "lastModifiedBy" : "admin.testSystem1",
    "lastModifiedOp" : "ADD",
    "pendingOp" : null,
    "domainName" : "testDom1",
    "postOfficeName" : "testPO1",
    "description" : null,
    "emailAddresses" : [ "testGroup1.testPO1.testDom1@testdomain.com" ],
    "visibility" : "POST_OFFICE",
    "defaultInternetAgentName" : null,
    "allowedAddressFormats" : {
      "inherited" : true,
      "inheritedFrom" : "testSystem1",
      "inheritedValue" : [ "FLAST", "USER", "FIRST_LAST", "HOST",
"LAST_FIRST" ],
      "value" : [ "FLAST", "USER", "FIRST_LAST", "HOST", "LAST_FIRST" ]
    },
    "internetDomainName" : {
      "inherited" : true,
      "inheritedFrom" : "testSystem1",
      "inheritedValue" : "testdomain.com",
      "value" : "testdomain.com",
      "exclusive" : null
    },
    "preferredAddressFormat" : {
      "inherited" : true,
      "inheritedFrom" : "testSystem1",
      "inheritedValue" : "FULL",
      "value" : "FULL"
    },
    "preferredEmailId" : null,
    "moveStatus" : null,
    "ldapDn" : null,
    "ldapId" : null,
    "directoryId" : null,
    "postOffice" : null,
    "groupType" : "DISTRIBUTION_LIST",
    "replicationOverride" : null,
```

```
  "exclusiveInternetDomain" : false,
  "groupAccessControlUpdateList" : null,
  "groupMembershipUpdateList" : null,
  "externalSync" : null,
  "moveComplete" : null,
  "directoryUser" : false,
  "@type" : null,
  "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/groups/
testGroup1"
}
```

```
XML Response:
<group>
  <id>GROUP.testDom1.testPO1.testGroup1</id>
  <guid>D9C2B550-09EF-0000-8A08-20888CC82C5A</guid>
  <name>testGroup1</name>
  <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/groups/
testGroup1</url>
  <links key="groupmemberships" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/groups/testGroup1/groupmemberships"/>
  <links key="nicknames" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/groups/testGroup1/nicknames"/>
  <links key="members" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/groups/testGroup1/members"/>
  <links key="acl" href="/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/acl"/>
  <links key="domain" href="/gwadmin-service/domains/testDom1"/>
  <links key="postoffice" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1"/>
  <timeCreated>1371072575000</timeCreated>
  <timeLastMod>1371072575000</timeLastMod>
  <lastModifiedBy>admin.testSystem1</lastModifiedBy>
  <lastModifiedOp>ADD</lastModifiedOp>
  <forceNullOnAttrs/>
  <domainName>testDom1</domainName>
  <postOfficeName>testPO1</postOfficeName>
  <emailAddresses>
    <string>testGroup1.testPO1.testDom1@testdomain.com</string>
  </emailAddresses>
  <visibility>POST_OFFICE</visibility>
  <allowedAddressFormats>
    <inherited>true</inherited>
    <inheritedFrom>testSystem1</inheritedFrom>
    <inheritedValue>
      <AttrNoUsed>FLAST</AttrNoUsed>
      <AttrNoUsed>FIRST_LAST</AttrNoUsed>
      <AttrNoUsed>LAST_FIRST</AttrNoUsed>
      <AttrNoUsed>HOST</AttrNoUsed>
      <AttrNoUsed>USER</AttrNoUsed>
    </inheritedValue>
    <value>
      <AttrNoUsed>FLAST</AttrNoUsed>
      <AttrNoUsed>FIRST_LAST</AttrNoUsed>
      <AttrNoUsed>LAST_FIRST</AttrNoUsed>
      <AttrNoUsed>HOST</AttrNoUsed>
```

```
      <AttrNoUsed>USER</AttrNoUsed>
    </value>
  </allowedAddressFormats>
  <internetDomainName>
    <inherited>true</inherited>
    <inheritedFrom>testSystem1</inheritedFrom>
    <inheritedValue>testdomain.com</inheritedValue>
    <value>testdomain.com</value>
  </internetDomainName>
  <preferredAddressFormat>
    <inherited>true</inherited>
    <inheritedFrom>testSystem1</inheritedFrom>
    <inheritedValue>FULL</inheritedValue>
    <value>FULL</value>
  </preferredAddressFormat>
  <groupType>DISTRIBUTION_LIST</groupType>
  <exclusiveInternetDomain>false</exclusiveInternetDomain>
</group>
```

Finding a Resource in the GroupWise System

```
Request:
GET https://localhost:9710/gwadmin-service/list/
RESOURCE?name=testResource1

Response Status:
200 - OK

JSON Response:
{
  "id" : "RESOURCE.testDom1.testPO1.testResource1",
  "guid" : "3E3CB680-09EF-0000-8A08-20888CC82C5A",
  "name" : "testResource1",
  "links" : null,
  "timeCreated" : 1371072314000,
  "timeLastMod" : 1371072314000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
```

```
  "enableICalBrowse" : null,
  "restoreArea" : null,
  "expirationDate" : 0,
  "externalRecord" : null,
  "externalSync" : null,
  "fileId" : "66e",
  "owner" : "testUser1",
  "postOffice" : null,
  "resourceType" : "RESOURCE",
  "telephoneNumber" : null,
  "groupMembershipUpdateList" : null,
  "nicknamesUrl" : null,
  "moveComplete" : null,
  "directoryUser" : false,
  "@type" : "resource",
  "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1"
}
```

XML Response:
```
<resource>
  <id>RESOURCE.testDom1.testPO1.testResource1</id>
  <guid>DAD49A80-09EF-0000-8A08-20888CC82C5A</guid>
  <name>testResource1</name>
  <objType>resource</objType>
  <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/resources/
testResource1</url>
  <timeCreated>1371072577000</timeCreated>
  <timeLastMod>1371072577000</timeLastMod>
  <lastModifiedBy>admin.testSystem1</lastModifiedBy>
  <lastModifiedOp>ADD</lastModifiedOp>
  <forceNullOnAttrs/>
  <domainName>testDom1</domainName>
  <postOfficeName>testPO1</postOfficeName>
  <visibility>SYSTEM</visibility>
  <fileId>hhp</fileId>
  <owner>testUser1</owner>
  <resourceType>RESOURCE</resourceType>
</resource>
```

NOTE: The `?name` query automatically does end of name wildcard searching.

Finding a Resource in a Post Office

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/resources/testResource1

Response Status:
200 - OK

JSON Response:
{
  "id" : "RESOURCE.testDom1.testPO1.testResource1",
  "guid" : "3E3CB680-09EF-0000-8A08-20888CC82C5A",
  "name" : "testResource1",
  "links" : [ {
    "@title" : "clientoptions",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1/clientoptions"
  }, {
    "@title" : "emailaddresses",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1/emailaddresses"
  }, {
    "@title" : "groupmemberships",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1/groupmemberships"
  }, {
    "@title" : "gwcheck",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1/gwcheck"
  }, {
    "@title" : "nicknames",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1/nicknames"
  }, {
    "@title" : "restorearea",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1/restorearea"
  }, {
    "@title" : "restoremailbox",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1/restoremailbox"
  }, {
    "@title" : "domain",
    "@href" : "/gwadmin-service/domains/testDom1"
  }, {
    "@title" : "postoffice",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1"
  } ],
  "timeCreated" : 1371072314000,
  "timeLastMod" : 1371072314000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
```

```
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : [ "testResource1.testPO1.testDom1@testdomain.com" ],
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : {
    "inherited" : true,
    "inheritedFrom" : "testSystem1",
    "inheritedValue" : [ "FLAST", "USER", "FIRST_LAST", "HOST",
"LAST_FIRST" ],
    "value" : [ "FLAST", "USER", "FIRST_LAST", "HOST", "LAST_FIRST" ]
  },
  "internetDomainName" : {
    "inherited" : true,
    "inheritedFrom" : "testSystem1",
    "inheritedValue" : "testdomain.com",
    "value" : "testdomain.com",
    "exclusive" : null
  },
  "preferredAddressFormat" : {
    "inherited" : true,
    "inheritedFrom" : "testSystem1",
    "inheritedValue" : "FULL",
    "value" : "FULL"
  },
  "preferredEmailId" : null,
  "moveStatus" : null,
  "ldapDn" : null,
  "ldapId" : null,
  "directoryId" : null,
  "enableICalBrowse" : {
    "value" : true,
    "inheritedValue" : true,
    "inheritedFrom" : "testSystem1",
    "inherited" : true
  },
  "restoreArea" : null,
  "expirationDate" : 0,
  "externalRecord" : null,
  "externalSync" : null,
  "fileId" : "66e",
  "owner" : "testUser1",
  "postOffice" : null,
  "resourceType" : "RESOURCE",
  "telephoneNumber" : null,
  "groupMembershipUpdateList" : null,
  "nicknamesUrl" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1/nicknames",
  "moveComplete" : null,
  "directoryUser" : false,
  "@type" : null,
  "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
resources/testResource1"
```

```
        }

    XML Response:
    <resource>
      <id>RESOURCE.testDom1.testPO1.testResource1</id>
      <guid>DAD49A80-09EF-0000-8A08-20888CC82C5A</guid>
      <name>testResource1</name>
      <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/resources/
    testResource1</url>
      <links key="clientoptions" href="/gwadmin-service/domains/testDom1/
    postoffices/testPO1/resources/testResource1/clientoptions"/>
      <links key="emailaddresses" href="/gwadmin-service/domains/testDom1/
    postoffices/testPO1/resources/testResource1/emailaddresses"/>
      <links key="groupmemberships" href="/gwadmin-service/domains/testDom1/
    postoffices/testPO1/resources/testResource1/groupmemberships"/>
      <links key="gwcheck" href="/gwadmin-service/domains/testDom1/
    postoffices/testPO1/resources/testResource1/gwcheck"/>
      <links key="nicknames" href="/gwadmin-service/domains/testDom1/
    postoffices/testPO1/resources/testResource1/nicknames"/>
      <links key="restorearea" href="/gwadmin-service/domains/testDom1/
    postoffices/testPO1/resources/testResource1/restorearea"/>
      <links key="restoremailbox" href="/gwadmin-service/domains/testDom1/
    postoffices/testPO1/resources/testResource1/restoremailbox"/>
      <links key="domain" href="/gwadmin-service/domains/testDom1"/>
      <links key="postoffice" href="/gwadmin-service/domains/testDom1/
    postoffices/testPO1"/>
      <timeCreated>1371072577000</timeCreated>
      <timeLastMod>1371072577000</timeLastMod>
      <lastModifiedBy>admin.testSystem1</lastModifiedBy>
      <lastModifiedOp>ADD</lastModifiedOp>
      <forceNullOnAttrs/>
      <domainName>testDom1</domainName>
      <postOfficeName>testPO1</postOfficeName>
      <emailAddresses>
        <string>testResource1.testPO1.testDom1@testdomain.com</string>
      </emailAddresses>
      <visibility>SYSTEM</visibility>
      <allowedAddressFormats>
        <inherited>true</inherited>
        <inheritedFrom>testSystem1</inheritedFrom>
        <inheritedValue>
          <AttrNoUsed>FLAST</AttrNoUsed>
          <AttrNoUsed>FIRST_LAST</AttrNoUsed>
          <AttrNoUsed>LAST_FIRST</AttrNoUsed>
          <AttrNoUsed>HOST</AttrNoUsed>
          <AttrNoUsed>USER</AttrNoUsed>
        </inheritedValue>
        <value>
          <AttrNoUsed>FLAST</AttrNoUsed>
          <AttrNoUsed>FIRST_LAST</AttrNoUsed>
          <AttrNoUsed>LAST_FIRST</AttrNoUsed>
          <AttrNoUsed>HOST</AttrNoUsed>
          <AttrNoUsed>USER</AttrNoUsed>
        </value>
      </allowedAddressFormats>
```

```
    <internetDomainName>
      <inherited>true</inherited>
      <inheritedFrom>testSystem1</inheritedFrom>
      <inheritedValue>testdomain.com</inheritedValue>
      <value>testdomain.com</value>
    </internetDomainName>
    <preferredAddressFormat>
      <inherited>true</inherited>
      <inheritedFrom>testSystem1</inheritedFrom>
      <inheritedValue>FULL</inheritedValue>
      <value>FULL</value>
    </preferredAddressFormat>
    <enableICalBrowse>
      <value class="boolean">true</value>
      <inheritedValue class="boolean">true</inheritedValue>
      <inheritedFrom>testSystem1</inheritedFrom>
      <inherited>true</inherited>
    </enableICalBrowse>
    <fileId>hhp</fileId>
    <owner>testUser1</owner>
    <resourceType>RESOURCE</resourceType>
</resource>
```

Finding a Nickname in the GroupWise System

```
Request:
GET https://localhost:9710/gwadmin-service/list/
NICKNAME?name=testNicknameName1

Response Status:
200 - OK

JSON Response:
{
  "id" : "NICKNAME.testDom1.testPO1.testNicknameName1",
  "guid" : "3E2536E0-09EF-0000-8A08-20888CC82C5A",
  "name" : "testNicknameName1",
  "links" : null,
  "timeCreated" : 1371072314000,
  "timeLastMod" : 1371072314000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : null,
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : null,
  "internetDomainName" : null,
  "preferredAddressFormat" : null,
  "preferredEmailId" : null,
```

```
"moveStatus" : null,
"ldapDn" : null,
"ldapId" : null,
"directoryId" : null,
"enableICalBrowse" : null,
"restoreArea" : null,
"expirationDate" : 0,
"externalRecord" : null,
"externalSync" : null,
"fileId" : null,
"accountId" : null,
"city" : null,
"company" : null,
"country" : null,
"department" : null,
"externalEntity" : null,
"externalSyncOverride" : null,
"faxNumber" : null,
"gatewayAccess" : null,
"givenName" : null,
"gwId" : null,
"homePhoneNumber" : null,
"ldapAuthentication" : null,
"location" : null,
"lastClientLoginTime" : null,
"lastClientType" : null,
"loginDisabled" : null,
"mailboxId" : null,
"middleInitial" : null,
"mobilePhoneNumber" : null,
"networkId" : null,
"otherPhoneNumber" : null,
"pagerNumber" : null,
"postalZipCode" : null,
"postOfficeBox" : null,
"stateProvince" : null,
"streetAddress" : null,
"suffix" : null,
"surname" : "testNicknameSurname1",
"telephoneNumber" : null,
"title" : null,
"groupAccessControlUpdateList" : null,
"groupMembersUpdateList" : null,
"adminDefined1" : null,
"adminDefined2" : null,
"adminDefined3" : null,
"adminDefined4" : null,
"adminDefined5" : null,
"adminDefined6" : null,
"adminDefined7" : null,
"adminDefined8" : null,
"adminDefined9" : null,
"adminDefined10" : null,
"adminDefined11" : null,
"adminDefined12" : null,
```

```
    "adminDefined13" : null,
    "adminDefined14" : null,
    "adminDefined15" : null,
    "adminDefined16" : null,
    "adminDefined17" : null,
    "adminDefined18" : null,
    "adminDefined19" : null,
    "adminDefined20" : null,
    "mailboxSizeMb" : null,
    "mailboxLicenseType" : null,
    "referredUserName" : null,
    "userName" : "testUser1",
    "userPostOfficeName" : "testPO1",
    "userDomainName" : "testDom1",
    "realMemberType" : "USER",
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : "nickname",
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
nicknames/testNicknameName1"
}
```

XML Response:
```
<nickname>
  <id>NICKNAME.testDom1.testPO1.testNicknameName1</id>
  <guid>DAB356E0-09EF-0000-8A08-20888CC82C5A</guid>
  <name>testNicknameName1</name>
  <objType>nickname</objType>
  <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/nicknames/
testNicknameName1</url>
  <timeCreated>1371072577000</timeCreated>
  <timeLastMod>1371072577000</timeLastMod>
  <lastModifiedBy>admin.testSystem1</lastModifiedBy>
  <lastModifiedOp>ADD</lastModifiedOp>
  <forceNullOnAttrs/>
  <domainName>testDom1</domainName>
  <postOfficeName>testPO1</postOfficeName>
  <visibility>SYSTEM</visibility>
  <surname>testNicknameSurname1</surname>
  <userName>testUser1</userName>
  <userPostOfficeName>testPO1</userPostOfficeName>
  <userDomainName>testDom1</userDomainName>
  <realMemberType>USER</realMemberType>
</nickname>
```

NOTE: The ?name query automatically does end of name wildcard searching.

Finding a Nickname in a Post Office

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/nicknames/testNicknameName1

Response Status:
200 - OK

JSON Response:
{
  "id" : "NICKNAME.testDom1.testPO1.testNicknameName1",
  "guid" : "3E2536E0-09EF-0000-8A08-20888CC82C5A",
  "name" : "testNicknameName1",
  "links" : [ {
    "@title" : "domain",
    "@href" : "/gwadmin-service/domains/testDom1"
  }, {
    "@title" : "postoffice",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1"
  }, {
    "@title" : "emailaddresses",
    "@href" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
nicknames/testNicknameName1/emailaddresses"
  } ],
  "timeCreated" : 1371072314000,
  "timeLastMod" : 1371072314000,
  "legacyDn" : null,
  "lastModifiedBy" : "admin.testSystem1",
  "lastModifiedOp" : "ADD",
  "pendingOp" : null,
  "domainName" : "testDom1",
  "postOfficeName" : "testPO1",
  "description" : null,
  "emailAddresses" : [ "testNicknameName1.testPO1.testDom1@testdomain.com"
],
  "visibility" : "SYSTEM",
  "defaultInternetAgentName" : null,
  "allowedAddressFormats" : {
    "inherited" : true,
    "inheritedFrom" : "testSystem1",
    "inheritedValue" : [ "FLAST", "USER", "FIRST_LAST", "HOST",
"LAST_FIRST" ],
    "value" : [ "FLAST", "USER", "FIRST_LAST", "HOST", "LAST_FIRST" ]
  },
  "internetDomainName" : {
    "inherited" : true,
    "inheritedFrom" : "testSystem1",
    "inheritedValue" : "testdomain.com",
    "value" : "testdomain.com",
    "exclusive" : null
  },
  "preferredAddressFormat" : {
    "inherited" : true,
```

```
      "inheritedFrom" : "testSystem1",
      "inheritedValue" : "FULL",
      "value" : "FULL"
},
"preferredEmailId" : null,
"moveStatus" : null,
"ldapDn" : null,
"ldapId" : null,
"directoryId" : null,
"enableICalBrowse" : null,
"restoreArea" : null,
"expirationDate" : 0,
"externalRecord" : null,
"externalSync" : null,
"fileId" : null,
"accountId" : null,
"city" : null,
"company" : null,
"country" : null,
"department" : null,
"externalEntity" : null,
"externalSyncOverride" : null,
"faxNumber" : null,
"gatewayAccess" : null,
"givenName" : null,
"gwId" : null,
"homePhoneNumber" : null,
"ldapAuthentication" : null,
"location" : null,
"lastClientLoginTime" : null,
"lastClientType" : null,
"loginDisabled" : null,
"mailboxId" : null,
"middleInitial" : null,
"mobilePhoneNumber" : null,
"networkId" : null,
"otherPhoneNumber" : null,
"pagerNumber" : null,
"postalZipCode" : null,
"postOfficeBox" : null,
"stateProvince" : null,
"streetAddress" : null,
"suffix" : null,
"surname" : "testNicknameSurname1",
"telephoneNumber" : null,
"title" : null,
"groupAccessControlUpdateList" : null,
"groupMembersUpdateList" : null,
"adminDefined1" : null,
"adminDefined2" : null,
"adminDefined3" : null,
"adminDefined4" : null,
"adminDefined5" : null,
"adminDefined6" : null,
"adminDefined7" : null,
```

```
    "adminDefined8" : null,
    "adminDefined9" : null,
    "adminDefined10" : null,
    "adminDefined11" : null,
    "adminDefined12" : null,
    "adminDefined13" : null,
    "adminDefined14" : null,
    "adminDefined15" : null,
    "adminDefined16" : null,
    "adminDefined17" : null,
    "adminDefined18" : null,
    "adminDefined19" : null,
    "adminDefined20" : null,
    "mailboxSizeMb" : null,
    "mailboxLicenseType" : null,
    "referredUserName" : null,
    "userName" : "testUser1",
    "userPostOfficeName" : "testPO1",
    "userDomainName" : "testDom1",
    "realMemberType" : "USER",
    "moveComplete" : null,
    "directoryUser" : false,
    "@type" : null,
    "@url" : "/gwadmin-service/domains/testDom1/postoffices/testPO1/
nicknames/testNicknameName1"
}
```

```
XML Response:
<nickname>
  <id>NICKNAME.testDom1.testPO1.testNicknameName1</id>
  <guid>DAB356E0-09EF-0000-8A08-20888CC82C5A</guid>
  <name>testNicknameName1</name>
  <url>/gwadmin-service/domains/testDom1/postoffices/testPO1/nicknames/
testNicknameName1</url>
  <links key="domain" href="/gwadmin-service/domains/testDom1"/>
  <links key="postoffice" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1"/>
  <links key="emailaddresses" href="/gwadmin-service/domains/testDom1/
postoffices/testPO1/nicknames/testNicknameName1/emailaddresses"/>
  <timeCreated>1371072577000</timeCreated>
  <timeLastMod>1371072577000</timeLastMod>
  <lastModifiedBy>admin.testSystem1</lastModifiedBy>
  <lastModifiedOp>ADD</lastModifiedOp>
  <forceNullOnAttrs/>
  <domainName>testDom1</domainName>
  <postOfficeName>testPO1</postOfficeName>
  <emailAddresses>
    <string>testNicknameName1.testPO1.testDom1@testdomain.com</string>
  </emailAddresses>
  <visibility>SYSTEM</visibility>
  <allowedAddressFormats>
    <inherited>true</inherited>
    <inheritedFrom>testSystem1</inheritedFrom>
    <inheritedValue>
      <AttrNoUsed>FLAST</AttrNoUsed>
```

```
            <AttrNoUsed>FIRST_LAST</AttrNoUsed>
            <AttrNoUsed>LAST_FIRST</AttrNoUsed>
            <AttrNoUsed>HOST</AttrNoUsed>
            <AttrNoUsed>USER</AttrNoUsed>
        </inheritedValue>
        <value>
            <AttrNoUsed>FLAST</AttrNoUsed>
            <AttrNoUsed>FIRST_LAST</AttrNoUsed>
            <AttrNoUsed>LAST_FIRST</AttrNoUsed>
            <AttrNoUsed>HOST</AttrNoUsed>
            <AttrNoUsed>USER</AttrNoUsed>
        </value>
    </allowedAddressFormats>
    <internetDomainName>
        <inherited>true</inherited>
        <inheritedFrom>testSystem1</inheritedFrom>
        <inheritedValue>testdomain.com</inheritedValue>
        <value>testdomain.com</value>
    </internetDomainName>
    <preferredAddressFormat>
        <inherited>true</inherited>
        <inheritedFrom>testSystem1</inheritedFrom>
        <inheritedValue>FULL</inheritedValue>
        <value>FULL</value>
    </preferredAddressFormat>
    <surname>testNicknameSurname1</surname>
    <userName>testUser1</userName>
    <userPostOfficeName>testPO1</userPostOfficeName>
    <userDomainName>testDom1</userDomainName>
    <realMemberType>USER</realMemberType>
</nickname>
```

Moving Users to a Different Post Office

```
JSON Request:
POST https://localhost:9710/gwadmin-service/system/moverequests
   sources=[{id=USER.testDom1.testPO1.testMoveUser1},
{id=USER.testDom1.testPO1.testMoveUser2},
{id=USER.testDom1.testPO1.testMoveUser3}]
   postOfficeId=POST_OFFICE.testDom2.testPO2

JSON Response:
{
   "succeeded" : 2,
   "failed" : [ {
      "id" : "USER.testDom1.testPO1.testMoveUser2",
      "status" : {
         "error" : true,
         "httpStatusCode" : 403,
         "statusCode" : 56073,
         "statusMsg" : "User owns resources that must be transferred before it
can be deleted",
         "locationHeader" : null
      }
```

```
    } ]
}

XML Request:
POST https://localhost:9710/gwadmin-service/system/moverequests
<moveRequest><sources><id>USER.testDom1.testPO1.testMoveUser1</id></
sources><sources><id>USER.testDom1.testPO1.testMoveUser2</id></
sources><sources><id>USER.testDom1.testPO1.testMoveUser3</id></
sources><postOfficeId>POST_OFFICE.testDom2.testPO2</postOfficeId></
moveRequest>

XML Response:
<batchResult>
   <succeeded>2</succeeded>
   <failed>
      <id>USER.testDom1.testPO1.testMoveUser2</id>
      <status>
        <error>true</error>
        <httpStatusCode>403</httpStatusCode>
        <statusCode>56073</statusCode>
        <statusMsg>User owns resources that must be transferred before it
can be deleted</statusMsg>
      </status>
   </failed>
</batchResult>

Response Status:
200 - OK
```

Moving a Group to a Different Post Office

```
JSON Request:
POST https://localhost:9710/gwadmin-service/system/moverequests
   sources=[{id=GROUP.testDom1.testPO1.testMoveGroup1}]
   postOfficeId=POST_OFFICE.testDom2.testPO2

JSON Response:
{
   "succeeded" : 0,
   "failed" : [ {
     "id" : "GROUP.testDom1.testPO1.testMoveGroup1",
     "status" : {
       "error" : true,
       "httpStatusCode" : 404,
       "statusCode" : 56074,
       "statusMsg" : "The object is invalid.
testDom1.testPO1.testMoveGroup1.",
       "locationHeader" : null
     }
   } ]
}

XML Request:
POST https://localhost:9710/gwadmin-service/system/moverequests
```

```
<moveRequest><sources><id>GROUP.testDom1.testPO1.testMoveGroup1</id></
sources><postOfficeId>POST_OFFICE.testDom2.testPO2</postOfficeId></
moveRequest>

XML Response:
<batchResult>
   <succeeded>0</succeeded>
   <failed>
       <id>GROUP.testDom1.testPO1.testMoveGroup1</id>
       <status>
          <error>true</error>
          <httpStatusCode>404</httpStatusCode>
          <statusCode>56074</statusCode>
          <statusMsg>The object is invalid.
testDom1.testPO1.testMoveGroup1.</statusMsg>
       </status>
   </failed>
</batchResult>

Response Status:
200 - OK
```

Moving a Resource to a Different Post Office

```
JSON Request:
POST https://localhost:9710/gwadmin-service/system/moverequests
   "sources":[{"id":"RESOURCE.testDom1.testPO1.testMoveResource1",
"resourceOwnerId":"testMoveUser1"}]
   "postOfficeId":"POST_OFFICE.testDom2.testPO2"

JSON Response:
{
   "succeeded" : 0,
   "failed" : [ {
      "id" : "RESOURCE.testDom1.testPO1.testMoveResource1",
      "status" : {
         "error" : true,
         "httpStatusCode" : 404,
         "statusCode" : 56074,
         "statusMsg" : "The object is invalid.
testDom1.testPO1.testMoveResource1.",
         "locationHeader" : null
      }
   } ]
}

XML Request:
POST https://localhost:9710/gwadmin-service/system/moverequests
<moveRequest><sources><id>RESOURCE.testDom1.testPO1.testMoveResource1</
id><resourceOwnerId>testMoveUser1</resourceOwnerId></
sources><postOfficeId>POST_OFFICE.testDom2.testPO2</postOfficeId></
moveRequest>

XML Response:
```

```
<batchResult>
  <succeeded>0</succeeded>
  <failed>
      <id>RESOURCE.testDom1.testPO1.testMoveResource1</id>
      <status>
        <error>true</error>
        <httpStatusCode>404</httpStatusCode>
        <statusCode>56074</statusCode>
        <statusMsg>The object is invalid.
testDom1.testPO1.testMoveResource1.</statusMsg>
      </status>
  </failed>
</batchResult>

Response Status:
200 – OK
```

Deleting a User from the GroupWise System

```
Request:
DELETE https://localhost:9710/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testUser1

Response Status:
200 – OK
```

Deleting a User That Owns Resources from the GroupWise System

```
Request:
DELETE https://localhost:9710/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testMoveUser2

JSON Response:
{
  "error" : true,
  "httpStatusCode" : 403,
  "statusCode" : 56073,
  "statusMsg" : "User owns resources that must be transferred before it can
be deleted",
  "locationHeader" : null
}

XML Response:
<apiStatus>
  <error>true</error>
  <httpStatusCode>403</httpStatusCode>
  <statusCode>56073</statusCode>
  <statusMsg>User owns resources that must be transferred before it can be
deleted</statusMsg>
</apiStatus>

Response Status:
403 - Forbidden
56073: User owns resources that must be transferred before it can be
deleted
```

Deleting a User That Has Been Moved from the GroupWise System

```
Request:
DELETE https://localhost:9710/gwadmin-service/domains/testDom1/
postoffices/testPO1/users/testMoveUser3

JSON Response:
{
   "error" : true,
   "httpStatusCode" : 500,
   "statusCode" : 56064,
   "statusMsg" : "Pending move or delete operation",
   "locationHeader" : null
}

XML Response:
<apiStatus>
   <error>true</error>
   <httpStatusCode>500</httpStatusCode>
   <statusCode>56064</statusCode>
   <statusMsg>Pending move or delete operation</statusMsg>
</apiStatus>

Response Status:
500 - Internal Server Error
56064: Pending move or delete operation
```

Deleting a Group from the GroupWise System

```
Request:
DELETE https://localhost:9710/gwadmin-service/domains/testDom1/
postoffices/testPO1/groups/testGroup1

Response Status:
200 - OK
```

Deleting a Member from a Group

```
Request:
DELETE https://localhost:9710/gwadmin-service/domains/testDom1/
postoffices/testPO1/groups/testGroup1/members/
GROUP.testDom1.testPO1.testUser1

Response Status:
200 - OK
```

Deleting a Resource from the GroupWise System

```
Request:
DELETE https://localhost:9710/gwadmin-service/domains/testDom1/
postoffices/testPO1/resources/testResource1

Response Status:
200 - OK
```

Deleting a Nickname from the GroupWise System

```
Request:
DELETE https://localhost:9710/gwadmin-service/domains/testDom1/
postoffices/testPO1/nicknames/testNicknameName1

Response Status:
200 - OK
```

Requesting the Client Options for a User

```
Request:
GET https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions

Response Status:
200 - OK

JSON Response:
{
  "id" : null,
  "guid" : null,
  "name" : null,
  "links" : null,
  "timeCreated" : null,
  "timeLastMod" : null,
  "legacyDn" : null,
  "lastModifiedBy" : null,
  "lastModifiedOp" : null,
  "pendingOp" : null,
  "alarmDefaultTime" : {
    "lock" : null,
    "value" : {
      "hours" : 0,
      "minutes" : 5,
      "timeInMinutes" : 5
    },
    "restore" : false
  },
  "alarmWhenAccepted" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
```

```
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "appointmentAcceptedNotification" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : "NONE",
        "restore" : false
      },
      "appointmentCleanupAction" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : "MANUAL_DELETE_ARCHIVE",
        "restore" : false
      },
      "appointmentCleanupDays" : {
        "lock" : null,
        "value" : 14,
        "restore" : false
      },
      "appointmentDefaultLength" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : {
          "hours" : 1,
          "minutes" : 0,
          "timeInMinutes" : 60
        },
        "restore" : false
      },
      "appointmentDeletedNotification" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
```

```
      "modifiable" : true
    },
    "value" : "NONE",
    "restore" : false
  },
  "appointmentDisplayMode" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
      "lockAvailable" : true,
      "lockRights" : "LOCK_USER",
      "modifiable" : true
    },
    "value" : "DURATION",
    "restore" : false
  },
  "appointmentIncludeSelf" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
      "lockAvailable" : true,
      "lockRights" : "LOCK_USER",
      "modifiable" : true
    },
    "value" : true,
    "restore" : false
  },
  "appointmentOpenedNotification" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
      "lockAvailable" : true,
      "lockRights" : "LOCK_USER",
      "modifiable" : true
    },
    "value" : "NONE",
    "restore" : false
  },
  "appointmentTrackingAction" : {
    "lock" : null,
    "value" : "ALL_INFORMATION",
    "restore" : false
  },
  "archiveLocationLinux" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
      "lockAvailable" : true,
      "lockRights" : "LOCK_USER",
      "modifiable" : true
    },
    "value" : "",
    "restore" : false
  },
  "archiveLocationUnc" : {
```

```
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "",
      "restore" : false
    },
    "autoDeleteSentMail" : {
      "lock" : null,
      "value" : false,
      "restore" : false
    },
    "autoUpdateUrl" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : false,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "",
      "restore" : false
    },
    "autoUpdateEnabled" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : false,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : true,
      "restore" : false
    },
    "autoUpdateForce" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : false,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : false,
      "restore" : false
    },
    "autoUpdateGraceLogins" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : false,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
```

```json
      },
      "value" : 0,
      "restore" : false
    },
    "autoUpdateAlwaysPrompt" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : false,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : false,
      "restore" : false
    },
    "boxSizeLimit" : {
      "lock" : null,
      "value" : 0,
      "restore" : false
    },
    "boxSizeNotify" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : false,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : false,
      "restore" : false
    },
    "boxSizeWarningThreshold" : {
      "lock" : null,
      "value" : 0,
      "restore" : false
    },
    "boxThresholdNotify" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : false,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : false,
      "restore" : false
    },
    "busySearchAppointmentLength" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
```

```
        "value" : {
          "hours" : 0,
          "minutes" : 15,
          "timeInMinutes" : 15
        },
        "restore" : false
      },
      "busySearchDays" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : [ "THURSDAY", "FRIDAY", "MONDAY", "TUESDAY", "WEDNESDAY" ],
        "restore" : false
      },
      "busySearchFromTime" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : {
          "hours" : 8,
          "minutes" : 0,
          "timeInMinutes" : 480
        },
        "restore" : false
      },
      "busySearchRange" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : 7,
        "restore" : false
      },
      "busySearchToTime" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : {
          "hours" : 17,
          "minutes" : 0,
```

```
      "timeInMinutes" : 1020
    },
    "restore" : false
  },
  "cachingGraceDays" : {
    "lock" : null,
    "value" : 14,
    "restore" : false
  },
  "cachingMode" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
      "lockAvailable" : false,
      "lockRights" : "LOCK_USER",
      "modifiable" : true
    },
    "value" : "ALLOW",
    "restore" : false
  },
  "calendarEndTime" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
      "lockAvailable" : true,
      "lockRights" : "LOCK_USER",
      "modifiable" : true
    },
    "value" : {
      "hours" : 17,
      "minutes" : 0,
      "timeInMinutes" : 1020
    },
    "restore" : false
  },
  "calendarFirstOfWeek" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
      "lockAvailable" : true,
      "lockRights" : "LOCK_USER",
      "modifiable" : true
    },
    "value" : "SUNDAY",
    "restore" : false
  },
  "calendarHighlightDays" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
      "lockAvailable" : true,
      "lockRights" : "LOCK_USER",
      "modifiable" : true
    },
    "value" : [ "SUNDAY", "SATURDAY" ],
```

```
          "restore" : false
        },
        "calendarShowWeekNumber" : {
          "lock" : {
            "lockLevel" : "NONE",
            "itemLocked" : false,
            "lockAvailable" : true,
            "lockRights" : "LOCK_USER",
            "modifiable" : true
          },
          "value" : false,
          "restore" : false
        },
        "calendarStartTime" : {
          "lock" : {
            "lockLevel" : "NONE",
            "itemLocked" : false,
            "lockAvailable" : true,
            "lockRights" : "LOCK_USER",
            "modifiable" : true
          },
          "value" : {
            "hours" : 8,
            "minutes" : 0,
            "timeInMinutes" : 480
          },
          "restore" : false
        },
        "calendarWorkdays" : {
          "lock" : {
            "lockLevel" : "NONE",
            "itemLocked" : false,
            "lockAvailable" : true,
            "lockRights" : "LOCK_USER",
            "modifiable" : true
          },
          "value" : [ "THURSDAY", "FRIDAY", "MONDAY", "TUESDAY", "WEDNESDAY" ],
          "restore" : false
        },
        "certificateDownloadUrl" : {
          "lock" : null,
          "value" : "",
          "restore" : false
        },
        "checkSpelling" : {
          "lock" : {
            "lockLevel" : "NONE",
            "itemLocked" : false,
            "lockAvailable" : true,
            "lockRights" : "LOCK_USER",
            "modifiable" : true
          },
          "value" : false,
          "restore" : false
        },
```

```
"checkSpellingAsYouType" : {
  "lock" : {
    "lockLevel" : "NONE",
    "itemLocked" : false,
    "lockAvailable" : true,
    "lockRights" : "LOCK_USER",
    "modifiable" : true
  },
  "value" : true,
  "restore" : false
},
"classification" : {
  "lock" : {
    "lockLevel" : "NONE",
    "itemLocked" : false,
    "lockAvailable" : true,
    "lockRights" : "LOCK_USER",
    "modifiable" : true
  },
  "value" : "NORMAL",
  "restore" : false
},
"clientLicense" : {
  "lock" : {
    "lockLevel" : "NONE",
    "itemLocked" : false,
    "lockAvailable" : true,
    "lockRights" : "LOCK_USER",
    "modifiable" : true
  },
  "value" : "FULL",
  "restore" : false
},
"collaborationSingleSignon" : {
  "lock" : {
    "lockLevel" : "NONE",
    "itemLocked" : false,
    "lockAvailable" : true,
    "lockRights" : "LOCK_USER",
    "modifiable" : true
  },
  "value" : false,
  "restore" : false
},
"colorScheme" : {
  "lock" : null,
  "value" : "SKY_BLUE",
  "restore" : false
},
"composeViews" : {
  "lock" : {
    "lockLevel" : "NONE",
    "itemLocked" : false,
    "lockAvailable" : false,
    "lockRights" : "LOCK_USER",
```

```
        "modifiable" : true
      },
      "value" : [ "TEXT", "HTML" ],
      "restore" : false
    },
    "conferencingUrl" : null,
    "conferencingEnabled" : null,
    "concealSubject" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : false,
      "restore" : false
    },
    "convertAttachments" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : false,
      "restore" : false
    },
    "createTrackingItem" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : true,
      "restore" : false
    },
    "customViewsLocationUnc" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "",
      "restore" : false
    },
    "defaultComposeView" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
```

```
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
      },
      "value" : "HTML",
      "restore" : false
  },
  "defaultLibrary" : {
      "lock" : null,
      "value" : "",
      "restore" : false
  },
  "defaultReadView" : {
      "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
      },
      "value" : "HTML",
      "restore" : false
  },
  "delayDelivery" : {
      "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
      },
      "value" : -1,
      "restore" : false
  },
  "disableHTMLView" : {
      "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
      },
      "value" : false,
      "restore" : false
  },
  "displayFolderList" : {
      "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
      },
      "value" : true,
      "restore" : false
```

```
            },
            "displayMainMenu" : {
              "lock" : {
                "lockLevel" : "NONE",
                "itemLocked" : false,
                "lockAvailable" : true,
                "lockRights" : "LOCK_USER",
                "modifiable" : true
              },
              "value" : true,
              "restore" : false
            },
            "displayMainToolBar" : {
              "lock" : {
                "lockLevel" : "NONE",
                "itemLocked" : false,
                "lockAvailable" : true,
                "lockRights" : "LOCK_USER",
                "modifiable" : true
              },
              "value" : true,
              "restore" : false
            },
            "displayNavBar" : {
              "lock" : {
                "lockLevel" : "NONE",
                "itemLocked" : false,
                "lockAvailable" : true,
                "lockRights" : "LOCK_USER",
                "modifiable" : true
              },
              "value" : true,
              "restore" : false
            },
            "displayQuickViewer" : {
              "lock" : {
                "lockLevel" : "NONE",
                "itemLocked" : false,
                "lockAvailable" : true,
                "lockRights" : "LOCK_USER",
                "modifiable" : true
              },
              "value" : false,
              "restore" : false
            },
            "doNotPurgeBeforeBackup" : {
              "lock" : {
                "lockLevel" : "NONE",
                "itemLocked" : false,
                "lockAvailable" : true,
                "lockRights" : "LOCK_USER",
                "modifiable" : true
              },
              "value" : false,
              "restore" : false
```

```
    },
    "edirectoryAuthentication" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : false,
      "restore" : false
    },
    "encryptForRecipients" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : false,
      "restore" : false
    },
    "encryptionAlgorithm" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "NONE",
      "restore" : false
    },
    "encryptionKeySize" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "NONE",
      "restore" : false
    },
    "forceCacheCleanup" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : false,
      "restore" : false
```

```
        },
        "frequentContacts" : {
          "lock" : {
            "lockLevel" : "NONE",
            "itemLocked" : false,
            "lockAvailable" : true,
            "lockRights" : "LOCK_USER",
            "modifiable" : true
          },
          "value" : null,
          "restore" : false
        },
        "folderListViewType" : {
          "lock" : null,
          "value" : [ "FAVORITES", "SIMPLE", "FULL" ],
          "restore" : false
        },
        "globalSignatureApplication" : {
          "lock" : {
            "lockLevel" : "NONE",
            "itemLocked" : false,
            "lockAvailable" : true,
            "lockRights" : "LOCK_USER",
            "modifiable" : true
          },
          "value" : "EXTERNAL_MESSAGES",
          "restore" : false
        },
        "globalSignatureList" : {
          "lock" : null,
          "value" : [ "Novell_Global_Signature" ],
          "restore" : false
        },
        "globalSignatureName" : {
          "lock" : {
            "lockLevel" : "NONE",
            "itemLocked" : false,
            "lockAvailable" : true,
            "lockRights" : "LOCK_USER",
            "modifiable" : true
          },
          "value" : "<Default Global Signature>",
          "restore" : false
        },
        "handleJunkMail" : {
          "lock" : {
            "lockLevel" : "NONE",
            "itemLocked" : false,
            "lockAvailable" : false,
            "lockRights" : "LOCK_USER",
            "modifiable" : true
          },
          "value" : true,
          "restore" : false
        },
```

```
"internetMailTracking" : {
  "lock" : null,
  "value" : true,
  "restore" : false
},
"junkMailCleanupAction" : {
  "lock" : {
    "lockLevel" : "NONE",
    "itemLocked" : false,
    "lockAvailable" : true,
    "lockRights" : "LOCK_USER",
    "modifiable" : true
  },
  "value" : "AUTO_PURGE",
  "restore" : false
},
"junkMailCleanupDays" : {
  "lock" : null,
  "value" : 14,
  "restore" : false
},
"limitsApplyToCache" : {
  "lock" : {
    "lockLevel" : "NONE",
    "itemLocked" : false,
    "lockAvailable" : false,
    "lockRights" : "LOCK_USER",
    "modifiable" : true
  },
  "value" : false,
  "restore" : false
},
"longFolderList" : null,
"mailCleanupAction" : {
  "lock" : {
    "lockLevel" : "NONE",
    "itemLocked" : false,
    "lockAvailable" : true,
    "lockRights" : "LOCK_USER",
    "modifiable" : true
  },
  "value" : "MANUAL_DELETE_ARCHIVE",
  "restore" : false
},
"mailCleanupDays" : {
  "lock" : null,
  "value" : 30,
  "restore" : false
},
"mailDeletedNotification" : {
  "lock" : {
    "lockLevel" : "NONE",
    "itemLocked" : false,
    "lockAvailable" : true,
    "lockRights" : "LOCK_USER",
```

```
            "modifiable" : true
          },
          "value" : "NONE",
          "restore" : false
        },
        "mailOpenedNotification" : {
          "lock" : {
            "lockLevel" : "NONE",
            "itemLocked" : false,
            "lockAvailable" : true,
            "lockRights" : "LOCK_USER",
            "modifiable" : true
          },
          "value" : "NONE",
          "restore" : false
        },
        "mailTrackingAction" : {
          "lock" : null,
          "value" : "DELIVERED_OPENED",
          "restore" : false
        },
        "maxMessageSize" : {
          "lock" : null,
          "value" : 0,
          "restore" : false
        },
        "messageRetention" : {
          "lock" : {
            "lockLevel" : "NONE",
            "itemLocked" : false,
            "lockAvailable" : false,
            "lockRights" : "LOCK_USER",
            "modifiable" : true
          },
          "value" : false,
          "restore" : false
        },
        "mimeEncoding" : {
          "lock" : {
            "lockLevel" : "NONE",
            "itemLocked" : false,
            "lockAvailable" : true,
            "lockRights" : "LOCK_USER",
            "modifiable" : true
          },
          "value" : "UTF8",
          "restore" : false
        },
        "moveToPublishedCalendar" : {
          "lock" : {
            "lockLevel" : "SET_DOMAIN",
            "itemLocked" : false,
            "lockAvailable" : true,
            "lockRights" : "LOCK_USER",
            "modifiable" : true
```

```
      },
      "value" : true,
      "restore" : false
    },
    "noteAcceptedNotification" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "NONE",
      "restore" : false
    },
    "noteDeletedNotification" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "NONE",
      "restore" : false
    },
    "noteOpenedNotification" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "NONE",
      "restore" : false
    },
    "noteTrackingAction" : {
      "lock" : null,
      "value" : "DELIVERED_OPENED",
      "restore" : false
    },
    "notifyPollInterval" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : {
        "minutes" : 1,
        "seconds" : 0,
        "timeInSeconds" : 60
      },
```

```
        "restore" : false
      },
      "openNewView" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : false,
        "restore" : false
      },
      "passwordCaching" : null,
      "performMaintenancePurges" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : false,
        "restore" : false
      },
      "personalAddressBookUserDefinedFields" : {
        "lock" : null,
        "value" : true,
        "restore" : false
      },
      "promptBeforePurge" : {
        "lock" : null,
        "value" : false,
        "restore" : false
      },
      "publishCalendar" : {
        "lock" : {
          "lockLevel" : "SET_DOMAIN",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "publishFreeBusySearch" : {
        "lock" : {
          "lockLevel" : "SET_DOMAIN",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
```

```
      "restore" : false
    },
    "publishingHost" : {
      "lock" : {
        "lockLevel" : "SET_DOMAIN",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "testCalPubHost1",
      "restore" : false
    },
    "HTMLReplyFormat" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "GROUPWISE_CLASSIC",
      "restore" : false
    },
    "HTMLReplyFormatIncludeHeaders" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : false,
      "restore" : false
    },
    "HTMLReplyFormatTypePosition" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "TOP",
      "restore" : false
    },
    "HTMLReplyFormatIncludeDate" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : true,
```

```json
        "restore" : false
      },
      "HTMLReplyFormatIncludeID" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "HTMLReplyFormatIncludeName" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "HTMLReplyFormatIncludeAddress" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : false,
        "restore" : false
      },
      "HTMLReplyFormatIncludeSeparator" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "plainTextReplyFormat" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : "GROUPWISE_CLASSIC",
```

```json
        "restore" : false
      },
      "plainTextReplyFormatSeparatorChar" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : ">",
        "restore" : false
      },
      "plainTextReplyFormatTypePosition" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : "TOP",
        "restore" : false
      },
      "plainTextReplyFormatIncludeAddress" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : false,
        "restore" : false
      },
      "plainTextReplyFormatIncludeName" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "plainTextReplyFormatIncludeDate" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
```

```
        "restore" : false
      },
      "plainTextReplyFormatIncludeID" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "plainTextReplyFormatIncludeSeparator" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "quickViewerPosition" : {
        "lock" : null,
        "value" : "BOTTOM",
        "restore" : false
      },
      "readNext" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "readViews" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : false,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : [ "TEXT", "HTML" ],
        "restore" : false
      },
      "refreshInterval" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
```

```
      "lockAvailable" : true,
      "lockRights" : "LOCK_USER",
      "modifiable" : true
    },
    "value" : {
      "minutes" : 1,
      "seconds" : 0,
      "timeInSeconds" : 60
    },
    "restore" : false
  },
  "remoteMode" : {
    "lock" : null,
    "value" : true,
    "restore" : false
  },
  "requirePassword" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
      "lockAvailable" : true,
      "lockRights" : "LOCK_USER",
      "modifiable" : true
    },
    "value" : false,
    "restore" : false
  },
  "ruleReplyAll" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
      "lockAvailable" : false,
      "lockRights" : "LOCK_USER",
      "modifiable" : true
    },
    "value" : false,
    "restore" : false
  },
  "ruleReplyLoop" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
      "lockAvailable" : true,
      "lockRights" : "LOCK_USER",
      "modifiable" : true
    },
    "value" : false,
    "restore" : false
  },
  "sendExpireDays" : {
    "lock" : {
      "lockLevel" : "NONE",
      "itemLocked" : false,
      "lockAvailable" : true,
      "lockRights" : "LOCK_USER",
```

```
          "modifiable" : true
        },
        "value" : 0,
        "restore" : false
      },
      "sendIllegalExtensions" : {
        "lock" : null,
        "value" : "",
        "restore" : false
      },
      "sendNotify" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "sendPriority" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : "STANDARD",
        "restore" : false
      },
      "sendRecipientLimit" : {
        "lock" : null,
        "value" : 0,
        "restore" : false
      },
      "sendReplyRequested" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : 255,
        "restore" : false
      },
      "sharedAddressBook" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
```

```
        },
        "value" : true,
        "restore" : false
      },
      "sharedFolder" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "showMessengerPresence" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "signDigitally" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : false,
        "restore" : false
      },
      "singleSignon" : {
        "lock" : null,
        "value" : true,
        "restore" : false
      },
      "subscribeCalendar" : {
        "lock" : {
          "lockLevel" : "SET_DOMAIN",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "taskAcceptedNotification" : {
        "lock" : {
```

```
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "NONE",
      "restore" : false
    },
    "taskCompletedNotification" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "NONE",
      "restore" : false
    },
    "taskDeletedNotification" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "NONE",
      "restore" : false
    },
    "taskOpenedNotification" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "NONE",
      "restore" : false
    },
    "taskTrackingAction" : {
      "lock" : null,
      "value" : "ALL_INFORMATION",
      "restore" : false
    },
    "trashCleanupAction" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
```

```
        "value" : "AUTO_PURGE",
        "restore" : false
      },
      "trashCleanupDays" : {
        "lock" : null,
        "value" : 7,
        "restore" : false
      },
      "treatImapLikeGW" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : false,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : null,
        "restore" : false
      },
      "tutorialUrl" : {
        "lock" : null,
        "value" : "",
        "restore" : false
      },
      "useBlockMailList" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : false,
        "restore" : false
      },
      "useColorSchemes" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "useJunkMailList" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : false,
```

```
        "restore" : false
      },
      "useNntpAccounts" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : false,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : false,
        "restore" : false
      },
      "usePersonalAddressBook" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : false,
        "restore" : false
      },
      "usePersonalAddressBookForCalendar" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : false,
        "restore" : false
      },
      "usePopImapAccounts" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : false,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : false,
        "restore" : false
      },
      "userLimits" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : false,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : false,
```

```
      "restore" : false
    },
    "userPasswordEnabled" : null,
    "userPassword" : null,
    "useSmime" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : false,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : true,
      "restore" : false
    },
    "vibeEnabled" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : false,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : false,
      "restore" : false
    },
    "vibeUrl" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "",
      "restore" : false
    },
    "wildcardAddressing" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "LIMITED_TO_POST_OFFICE",
      "restore" : false
    },
    "htmlreplyFormatIncludeHeaders" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
```

```
      },
      "value" : false,
      "restore" : false
    },
    "htmlreplyFormatTypePosition" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : "TOP",
      "restore" : false
    },
    "htmlreplyFormatIncludeDate" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : true,
      "restore" : false
    },
    "htmlreplyFormatIncludeName" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : true,
      "restore" : false
    },
    "htmlreplyFormatIncludeAddress" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
      },
      "value" : false,
      "restore" : false
    },
    "htmlreplyFormatIncludeSeparator" : {
      "lock" : {
        "lockLevel" : "NONE",
        "itemLocked" : false,
        "lockAvailable" : true,
        "lockRights" : "LOCK_USER",
        "modifiable" : true
```

```
        },
        "value" : true,
        "restore" : false
      },
      "htmlreplyFormat" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : "GROUPWISE_CLASSIC",
        "restore" : false
      },
      "htmlreplyFormatIncludeID" : {
        "lock" : {
          "lockLevel" : "NONE",
          "itemLocked" : false,
          "lockAvailable" : true,
          "lockRights" : "LOCK_USER",
          "modifiable" : true
        },
        "value" : true,
        "restore" : false
      },
      "@type" : null,
      "@url" : null
    }
```

XML Response:
```
<clientOptions>
  <forceNullOnAttrs/>
  <alarmDefaultTime>
    <value class="AttrNoUsed">
      <hours>0</hours>
      <minutes>5</minutes>
    </value>
    <restore>false</restore>
  </alarmDefaultTime>
  <alarmWhenAccepted>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
  </alarmWhenAccepted>
  <appointmentAcceptedNotification>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
```

```xml
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">NONE</value>
        <restore>false</restore>
      </appointmentAcceptedNotification>
      <appointmentCleanupAction>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">MANUAL_DELETE_ARCHIVE</value>
        <restore>false</restore>
      </appointmentCleanupAction>
      <appointmentCleanupDays>
        <value class="long">14</value>
        <restore>false</restore>
      </appointmentCleanupDays>
      <appointmentDefaultLength>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">
          <hours>1</hours>
          <minutes>0</minutes>
        </value>
        <restore>false</restore>
      </appointmentDefaultLength>
      <appointmentDeletedNotification>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">NONE</value>
        <restore>false</restore>
      </appointmentDeletedNotification>
      <appointmentDisplayMode>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
```

```xml
      <value class="AttrNoUsed">DURATION</value>
      <restore>false</restore>
  </appointmentDisplayMode>
  <appointmentIncludeSelf>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
  </appointmentIncludeSelf>
  <appointmentOpenedNotification>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">NONE</value>
    <restore>false</restore>
  </appointmentOpenedNotification>
  <appointmentTrackingAction>
    <value class="AttrNoUsed">ALL_INFORMATION</value>
    <restore>false</restore>
  </appointmentTrackingAction>
  <archiveLocationLinux>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="string"></value>
    <restore>false</restore>
  </archiveLocationLinux>
  <archiveLocationUnc>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="string"></value>
    <restore>false</restore>
  </archiveLocationUnc>
  <autoDeleteSentMail>
    <value class="boolean">false</value>
    <restore>false</restore>
  </autoDeleteSentMail>
```

```xml
<autoUpdateUrl>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>false</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="string"></value>
  <restore>false</restore>
</autoUpdateUrl>
<autoUpdateEnabled>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>false</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">true</value>
  <restore>false</restore>
</autoUpdateEnabled>
<autoUpdateForce>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>false</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">false</value>
  <restore>false</restore>
</autoUpdateForce>
<autoUpdateGraceLogins>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>false</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="long">0</value>
  <restore>false</restore>
</autoUpdateGraceLogins>
<autoUpdateAlwaysPrompt>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>false</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">false</value>
  <restore>false</restore>
</autoUpdateAlwaysPrompt>
```

```
<boxSizeLimit>
  <value class="long">0</value>
  <restore>false</restore>
</boxSizeLimit>
<boxSizeNotify>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>false</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">false</value>
  <restore>false</restore>
</boxSizeNotify>
<boxSizeWarningThreshold>
  <value class="long">0</value>
  <restore>false</restore>
</boxSizeWarningThreshold>
<boxThresholdNotify>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>false</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">false</value>
  <restore>false</restore>
</boxThresholdNotify>
<busySearchAppointmentLength>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">
    <hours>0</hours>
    <minutes>15</minutes>
  </value>
  <restore>false</restore>
</busySearchAppointmentLength>
<busySearchDays>
  <lock>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <modifiable>true</modifiable>
    <lockLevel>NONE</lockLevel>
    <lockRights>LOCK_USER</lockRights>
  </lock>
  <value>WEDNESDAY</value>
  <value>TUESDAY</value>
  <value>MONDAY</value>
```

```xml
        <value>THURSDAY</value>
        <value>FRIDAY</value>
      </busySearchDays>
      <busySearchFromTime>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">
          <hours>8</hours>
          <minutes>0</minutes>
        </value>
        <restore>false</restore>
      </busySearchFromTime>
      <busySearchRange>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="long">7</value>
        <restore>false</restore>
      </busySearchRange>
      <busySearchToTime>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">
          <hours>17</hours>
          <minutes>0</minutes>
        </value>
        <restore>false</restore>
      </busySearchToTime>
      <cachingGraceDays>
        <value class="long">14</value>
        <restore>false</restore>
      </cachingGraceDays>
      <cachingMode>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>false</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">ALLOW</value>
```

```xml
    <restore>false</restore>
</cachingMode>
<calendarEndTime>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">
    <hours>17</hours>
    <minutes>0</minutes>
  </value>
  <restore>false</restore>
</calendarEndTime>
<calendarFirstOfWeek>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">SUNDAY</value>
  <restore>false</restore>
</calendarFirstOfWeek>
<calendarHighlightDays>
  <lock>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <modifiable>true</modifiable>
    <lockLevel>NONE</lockLevel>
    <lockRights>LOCK_USER</lockRights>
  </lock>
  <value>SATURDAY</value>
  <value>SUNDAY</value>
</calendarHighlightDays>
<calendarShowWeekNumber>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">false</value>
  <restore>false</restore>
</calendarShowWeekNumber>
<calendarStartTime>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
```

```
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">
          <hours>8</hours>
          <minutes>0</minutes>
        </value>
        <restore>false</restore>
      </calendarStartTime>
      <calendarWorkdays>
        <lock>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <modifiable>true</modifiable>
          <lockLevel>NONE</lockLevel>
          <lockRights>LOCK_USER</lockRights>
        </lock>
        <value>WEDNESDAY</value>
        <value>TUESDAY</value>
        <value>MONDAY</value>
        <value>THURSDAY</value>
        <value>FRIDAY</value>
      </calendarWorkdays>
      <certificateDownloadUrl>
        <value class="string"></value>
        <restore>false</restore>
      </certificateDownloadUrl>
      <checkSpelling>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
      </checkSpelling>
      <checkSpellingAsYouType>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
      </checkSpellingAsYouType>
      <classification>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
```

```xml
        </lock>
        <value class="AttrNoUsed">NORMAL</value>
        <restore>false</restore>
    </classification>
    <clientLicense>
        <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">FULL</value>
        <restore>false</restore>
    </clientLicense>
    <collaborationSingleSignon>
        <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
    </collaborationSingleSignon>
    <colorScheme>
        <value class="AttrNoUsed">SKY_BLUE</value>
        <restore>false</restore>
    </colorScheme>
    <composeViews>
        <lock>
            <itemLocked>false</itemLocked>
            <lockAvailable>false</lockAvailable>
            <modifiable>true</modifiable>
            <lockLevel>NONE</lockLevel>
            <lockRights>LOCK_USER</lockRights>
        </lock>
        <value>TEXT</value>
        <value>HTML</value>
    </composeViews>
    <concealSubject>
        <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
    </concealSubject>
    <convertAttachments>
        <lock>
            <lockLevel>NONE</lockLevel>
```

```
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
    </convertAttachments>
    <createTrackingItem>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
    </createTrackingItem>
    <customViewsLocationUnc>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="string"></value>
        <restore>false</restore>
    </customViewsLocationUnc>
    <defaultComposeView>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">HTML</value>
        <restore>false</restore>
    </defaultComposeView>
    <defaultLibrary>
        <value class="string"></value>
        <restore>false</restore>
    </defaultLibrary>
    <defaultReadView>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">HTML</value>
        <restore>false</restore>
```

```xml
</defaultReadView>
<delayDelivery>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="long">-1</value>
  <restore>false</restore>
</delayDelivery>
<disableHTMLView>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">false</value>
  <restore>false</restore>
</disableHTMLView>
<displayFolderList>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">true</value>
  <restore>false</restore>
</displayFolderList>
<displayMainMenu>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">true</value>
  <restore>false</restore>
</displayMainMenu>
<displayMainToolBar>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">true</value>
  <restore>false</restore>
```

```
        </displayMainToolBar>
        <displayNavBar>
          <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
          </lock>
          <value class="boolean">true</value>
          <restore>false</restore>
        </displayNavBar>
        <displayQuickViewer>
          <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
          </lock>
          <value class="boolean">false</value>
          <restore>false</restore>
        </displayQuickViewer>
        <doNotPurgeBeforeBackup>
          <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
          </lock>
          <value class="boolean">false</value>
          <restore>false</restore>
        </doNotPurgeBeforeBackup>
        <edirectoryAuthentication>
          <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
          </lock>
          <value class="boolean">false</value>
          <restore>false</restore>
        </edirectoryAuthentication>
        <encryptForRecipients>
          <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
          </lock>
          <value class="boolean">false</value>
          <restore>false</restore>
```

```xml
    </encryptForRecipients>
<encryptionAlgorithm>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">NONE</value>
  <restore>false</restore>
</encryptionAlgorithm>
<encryptionKeySize>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">NONE</value>
  <restore>false</restore>
</encryptionKeySize>
<forceCacheCleanup>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">false</value>
  <restore>false</restore>
</forceCacheCleanup>
<frequentContacts>
  <lock>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <modifiable>true</modifiable>
    <lockLevel>NONE</lockLevel>
    <lockRights>LOCK_USER</lockRights>
  </lock>
</frequentContacts>
<folderListViewType>
  <value>FAVORITES</value>
  <value>SIMPLE</value>
  <value>FULL</value>
</folderListViewType>
<globalSignatureApplication>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
```

```
      </lock>
      <value class="AttrNoUsed">EXTERNAL_MESSAGES</value>
      <restore>false</restore>
    </globalSignatureApplication>
    <globalSignatureList>
      <value class="string-array">
        <string>Novell_Global_Signature</string>
      </value>
      <restore>false</restore>
    </globalSignatureList>
    <globalSignatureName>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="string">&lt;Default Global Signature&gt;</value>
      <restore>false</restore>
    </globalSignatureName>
    <handleJunkMail>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>false</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">true</value>
      <restore>false</restore>
    </handleJunkMail>
    <internetMailTracking>
      <value class="boolean">true</value>
      <restore>false</restore>
    </internetMailTracking>
    <junkMailCleanupAction>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">AUTO_PURGE</value>
      <restore>false</restore>
    </junkMailCleanupAction>
    <junkMailCleanupDays>
      <value class="long">14</value>
      <restore>false</restore>
    </junkMailCleanupDays>
    <limitsApplyToCache>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
```

```
        <lockAvailable>false</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
</limitsApplyToCache>
<mailCleanupAction>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">MANUAL_DELETE_ARCHIVE</value>
      <restore>false</restore>
</mailCleanupAction>
<mailCleanupDays>
      <value class="long">30</value>
      <restore>false</restore>
</mailCleanupDays>
<mailDeletedNotification>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">NONE</value>
      <restore>false</restore>
</mailDeletedNotification>
<mailOpenedNotification>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">NONE</value>
      <restore>false</restore>
</mailOpenedNotification>
<mailTrackingAction>
      <value class="AttrNoUsed">DELIVERED_OPENED</value>
      <restore>false</restore>
</mailTrackingAction>
<maxMessageSize>
      <value class="long">0</value>
      <restore>false</restore>
</maxMessageSize>
<messageRetention>
      <lock>
        <lockLevel>NONE</lockLevel>
```

```
        <itemLocked>false</itemLocked>
        <lockAvailable>false</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
    </messageRetention>
    <mimeEncoding>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">UTF8</value>
      <restore>false</restore>
    </mimeEncoding>
    <moveToPublishedCalendar>
      <lock>
        <lockLevel>SET_DOMAIN</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">true</value>
      <restore>false</restore>
    </moveToPublishedCalendar>
    <noteAcceptedNotification>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">NONE</value>
      <restore>false</restore>
    </noteAcceptedNotification>
    <noteDeletedNotification>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">NONE</value>
      <restore>false</restore>
    </noteDeletedNotification>
    <noteOpenedNotification>
      <lock>
        <lockLevel>NONE</lockLevel>
```

```xml
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">NONE</value>
    <restore>false</restore>
</noteOpenedNotification>
<noteTrackingAction>
    <value class="AttrNoUsed">DELIVERED_OPENED</value>
    <restore>false</restore>
</noteTrackingAction>
<notifyPollInterval>
    <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">
        <minutes>1</minutes>
        <seconds>0</seconds>
    </value>
    <restore>false</restore>
</notifyPollInterval>
<openNewView>
    <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
    <restore>false</restore>
</openNewView>
<performMaintenancePurges>
    <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
    <restore>false</restore>
</performMaintenancePurges>
<personalAddressBookUserDefinedFields>
    <value class="boolean">true</value>
    <restore>false</restore>
</personalAddressBookUserDefinedFields>
<promptBeforePurge>
    <value class="boolean">false</value>
    <restore>false</restore>
```

```
      </promptBeforePurge>
      <publishCalendar>
        <lock>
          <lockLevel>SET_DOMAIN</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
      </publishCalendar>
      <publishFreeBusySearch>
        <lock>
          <lockLevel>SET_DOMAIN</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
      </publishFreeBusySearch>
      <publishingHost>
        <lock>
          <lockLevel>SET_DOMAIN</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="string">testCalPubHost1</value>
        <restore>false</restore>
      </publishingHost>
      <HTMLReplyFormat>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">GROUPWISE_CLASSIC</value>
        <restore>false</restore>
      </HTMLReplyFormat>
      <HTMLReplyFormatIncludeHeaders>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
```

```xml
</HTMLReplyFormatIncludeHeaders>
<HTMLReplyFormatTypePosition>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">TOP</value>
  <restore>false</restore>
</HTMLReplyFormatTypePosition>
<HTMLReplyFormatIncludeDate>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">true</value>
  <restore>false</restore>
</HTMLReplyFormatIncludeDate>
<HTMLReplyFormatIncludeID>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">true</value>
  <restore>false</restore>
</HTMLReplyFormatIncludeID>
<HTMLReplyFormatIncludeName>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">true</value>
  <restore>false</restore>
</HTMLReplyFormatIncludeName>
<HTMLReplyFormatIncludeAddress>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">false</value>
  <restore>false</restore>
```

```
      </HTMLReplyFormatIncludeAddress>
      <HTMLReplyFormatIncludeSeparator>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
      </HTMLReplyFormatIncludeSeparator>
      <plainTextReplyFormat>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">GROUPWISE_CLASSIC</value>
        <restore>false</restore>
      </plainTextReplyFormat>
      <plainTextReplyFormatSeparatorChar>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="string">&gt;</value>
        <restore>false</restore>
      </plainTextReplyFormatSeparatorChar>
      <plainTextReplyFormatTypePosition>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">TOP</value>
        <restore>false</restore>
      </plainTextReplyFormatTypePosition>
      <plainTextReplyFormatIncludeAddress>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
```

```xml
</plainTextReplyFormatIncludeAddress>
<plainTextReplyFormatIncludeName>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">true</value>
  <restore>false</restore>
</plainTextReplyFormatIncludeName>
<plainTextReplyFormatIncludeDate>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">true</value>
  <restore>false</restore>
</plainTextReplyFormatIncludeDate>
<plainTextReplyFormatIncludeID>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">true</value>
  <restore>false</restore>
</plainTextReplyFormatIncludeID>
<plainTextReplyFormatIncludeSeparator>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">true</value>
  <restore>false</restore>
</plainTextReplyFormatIncludeSeparator>
<quickViewerPosition>
  <value class="AttrNoUsed">BOTTOM</value>
  <restore>false</restore>
</quickViewerPosition>
<readNext>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
```

```xml
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">true</value>
      <restore>false</restore>
    </readNext>
    <readViews>
      <lock>
        <itemLocked>false</itemLocked>
        <lockAvailable>false</lockAvailable>
        <modifiable>true</modifiable>
        <lockLevel>NONE</lockLevel>
        <lockRights>LOCK_USER</lockRights>
      </lock>
      <value>TEXT</value>
      <value>HTML</value>
    </readViews>
    <refreshInterval>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">
        <minutes>1</minutes>
        <seconds>0</seconds>
      </value>
      <restore>false</restore>
    </refreshInterval>
    <remoteMode>
      <value class="boolean">true</value>
      <restore>false</restore>
    </remoteMode>
    <requirePassword>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
    </requirePassword>
    <ruleReplyAll>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>false</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
```

```xml
    </ruleReplyAll>
    <ruleReplyLoop>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
    </ruleReplyLoop>
    <sendExpireDays>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="long">0</value>
      <restore>false</restore>
    </sendExpireDays>
    <sendIllegalExtensions>
      <value class="string"></value>
      <restore>false</restore>
    </sendIllegalExtensions>
    <sendNotify>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">true</value>
      <restore>false</restore>
    </sendNotify>
    <sendPriority>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">STANDARD</value>
      <restore>false</restore>
    </sendPriority>
    <sendRecipientLimit>
      <value class="long">0</value>
      <restore>false</restore>
    </sendRecipientLimit>
    <sendReplyRequested>
      <lock>
```

```xml
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="long">255</value>
    <restore>false</restore>
</sendReplyRequested>
<sharedAddressBook>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
</sharedAddressBook>
<sharedFolder>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
</sharedFolder>
<showMessengerPresence>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
</showMessengerPresence>
<signDigitally>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
    <restore>false</restore>
</signDigitally>
<singleSignon>
    <value class="boolean">true</value>
```

```xml
      <restore>false</restore>
</singleSignon>
<subscribeCalendar>
   <lock>
      <lockLevel>SET_DOMAIN</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="boolean">true</value>
   <restore>false</restore>
</subscribeCalendar>
<taskAcceptedNotification>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="AttrNoUsed">NONE</value>
   <restore>false</restore>
</taskAcceptedNotification>
<taskCompletedNotification>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="AttrNoUsed">NONE</value>
   <restore>false</restore>
</taskCompletedNotification>
<taskDeletedNotification>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="AttrNoUsed">NONE</value>
   <restore>false</restore>
</taskDeletedNotification>
<taskOpenedNotification>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="AttrNoUsed">NONE</value>
```

```xml
      <restore>false</restore>
    </taskOpenedNotification>
    <taskTrackingAction>
      <value class="AttrNoUsed">ALL_INFORMATION</value>
      <restore>false</restore>
    </taskTrackingAction>
    <trashCleanupAction>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">AUTO_PURGE</value>
      <restore>false</restore>
    </trashCleanupAction>
    <trashCleanupDays>
      <value class="long">7</value>
      <restore>false</restore>
    </trashCleanupDays>
    <treatImapLikeGW>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>false</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <restore>false</restore>
    </treatImapLikeGW>
    <tutorialUrl>
      <value class="string"></value>
      <restore>false</restore>
    </tutorialUrl>
    <useBlockMailList>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
    </useBlockMailList>
    <useColorSchemes>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">true</value>
```

```xml
      <restore>false</restore>
</useColorSchemes>
<useJunkMailList>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="boolean">false</value>
   <restore>false</restore>
</useJunkMailList>
<useNntpAccounts>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="boolean">false</value>
   <restore>false</restore>
</useNntpAccounts>
<usePersonalAddressBook>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="boolean">false</value>
   <restore>false</restore>
</usePersonalAddressBook>
<usePersonalAddressBookForCalendar>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="boolean">false</value>
   <restore>false</restore>
</usePersonalAddressBookForCalendar>
<usePopImapAccounts>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="boolean">false</value>
```

```xml
      <restore>false</restore>
    </usePopImapAccounts>
    <userLimits>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>false</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
    </userLimits>
    <useSmime>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>false</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">true</value>
      <restore>false</restore>
    </useSmime>
    <vibeEnabled>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>false</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
    </vibeEnabled>
    <vibeUrl>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="string"></value>
```

```
      <restore>false</restore>
    </vibeUrl>
    <wildcardAddressing>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">LIMITED_TO_POST_OFFICE</value>
      <restore>false</restore>
    </wildcardAddressing>
</clientOptions>
```

Updating the Client Options of a User

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
  trashCleanupDays={value=7, restore=false}
  sendReplyRequested={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=255,
restore=false}
  readViews={lock={lockLevel=NONE, itemLocked=false, lockAvailable=false,
lockRights=LOCK_USER, modifiable=true}, value=[TEXT, HTML], restore=false}
  appointmentDefaultLength={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value={hours=1, minutes=0, timeInMinutes=60}, restore=false}
  taskDeletedNotification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
  junkMailCleanupAction={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=AUTO_PURGE, restore=false}
  publishFreeBusySearch={lock={lockLevel=LOCK_USER, itemLocked=true,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  cachingMode={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=ALLOW,
restore=false}
  concealSubject={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  checkSpellingAsYouType={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  cachingGraceDays={value=14, restore=false}
  boxSizeWarningThreshold={value=0, restore=false}
  sharedFolder={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  messageRetention={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=false,
```

```
restore=false}
  displayMainToolBar={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  autoUpdateUrl={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=,
restore=false}
  plainTextReplyFormatIncludeID={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  appointmentIncludeSelf={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  boxThresholdNotify={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  defaultComposeView={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=HTML,
restore=false}
  showMessengerPresence={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  plainTextReplyFormatIncludeDate={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  htmlreplyFormatIncludeID={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  usePersonalAddressBookForCalendar={lock={lockLevel=NONE,
itemLocked=false, lockAvailable=true, lockRights=LOCK_USER,
modifiable=true}, value=false, restore=false}
  vibeUrl={lock={lockLevel=SET_USER, itemLocked=false, lockAvailable=true,
lockRights=LOCK_USER, modifiable=true}, value=https://vibe.novell.com,
restore=false}
  plainTextReplyFormatIncludeName={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  promptBeforePurge={value=false, restore=false}
  archiveLocationUnc={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=,
restore=false}
  useBlockMailList={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  HTMLReplyFormatIncludeSeparator={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  frequentContacts={value=[SEND_SAVE_INT, RECV_SAVE_INT, RECV_SAVE_EXT,
SEND_SAVE_EXT, RECV_SAVE_TO_ME, AUTO_SAVE], restore=false}
  collaborationSingleSignon={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  alarmDefaultTime={value={hours=1, minutes=0, timeInMinutes=60},
restore=false}
  htmlreplyFormatIncludeAddress={lock={lockLevel=NONE, itemLocked=false,
```

```
  lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  useSmime={lock={lockLevel=NONE, itemLocked=false, lockAvailable=false,
lockRights=LOCK_USER, modifiable=true}, value=true, restore=false}
  plainTextReplyFormatIncludeSeparator={lock={lockLevel=NONE,
itemLocked=false, lockAvailable=true, lockRights=LOCK_USER,
modifiable=true}, value=true, restore=false}
  sendPriority={lock={lockLevel=SET_USER, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=HIGH,
restore=false}
  plainTextReplyFormat={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=GROUPWISE_CLASSIC, restore=false}
  edirectoryAuthentication={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  noteAcceptedNotification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
  personalAddressBookUserDefinedFields={value=true, restore=false}
  appointmentCleanupDays={value=14, restore=false}
  calendarFirstOfWeek={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=SUNDAY,
restore=false}
  busySearchFromTime={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value={hours=8, minutes=0, timeInMinutes=480}, restore=false}
  plainTextReplyFormatTypePosition={lock={lockLevel=NONE,
itemLocked=false, lockAvailable=true, lockRights=LOCK_USER,
modifiable=true}, value=TOP, restore=false}
  noteDeletedNotification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
  calendarWorkdays={lock={lockLevel=SET_USER, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=[THURSDAY, MONDAY, TUESDAY, WEDNESDAY], restore=false}
  mailDeletedNotification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
  noteOpenedNotification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
  plainTextReplyFormatSeparatorChar={lock={lockLevel=NONE,
itemLocked=false, lockAvailable=true, lockRights=LOCK_USER,
modifiable=true}, value=>, restore=false}
  sendNotify={lock={lockLevel=NONE, itemLocked=false, lockAvailable=true,
lockRights=LOCK_USER, modifiable=true}, value=true, restore=false}
  refreshInterval={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value={minutes=1, seconds=0, timeInSeconds=60}, restore=false}
  plainTextReplyFormatIncludeAddress={lock={lockLevel=NONE,
itemLocked=false, lockAvailable=true, lockRights=LOCK_USER,
modifiable=true}, value=false, restore=false}
  appointmentAcceptedNotification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
```

```
    restore=false}
  moveToPublishedCalendar={lock={lockLevel=SET_DOMAIN, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  userLimits={lock={lockLevel=NONE, itemLocked=false, lockAvailable=false,
lockRights=LOCK_USER, modifiable=true}, value=false, restore=false}
  useJunkMailList={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  encryptionAlgorithm={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
  publishingHost={lock={lockLevel=SET_DOMAIN, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=testCalPubHost1, restore=false}
  limitsApplyToCache={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  htmlreplyFormatTypePosition={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=TOP,
restore=false}
  usePopImapAccounts={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  delayDelivery={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=-1,
restore=false}
  vibeEnabled={lock={lockLevel=SET_USER, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  mailOpenedNotification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
  composeViews={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=[TEXT,
HTML], restore=false}
  busySearchToTime={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value={hours=17, minutes=0, timeInMinutes=1020}, restore=false}
  globalSignatureApplication={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=EXTERNAL_MESSAGES, restore=false}
  ruleReplyLoop={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  boxSizeLimit={value=0, restore=false}
  taskOpenedNotification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
  mailTrackingAction={value=DELIVERED_OPENED, restore=false}
  customViewsLocationUnc={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=,
restore=false}
  HTMLReplyFormatIncludeHeaders={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
```

```
restore=false}
  HTMLReplyFormatIncludeDate={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  junkMailCleanupDays={value=14, restore=false}
  displayMainMenu={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  sendRecipientLimit={value=0, restore=false}
  appointmentCleanupAction={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=MANUAL_DELETE_ARCHIVE, restore=false}
  useNntpAccounts={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  handleJunkMail={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  globalSignatureName={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=<Default
Global Signature>, restore=false}
  displayNavBar={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  taskAcceptedNotification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
  certificateDownloadUrl={value=, restore=false}
  classification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NORMAL,
restore=false}
  sendExpireDays={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=0,
restore=false}
  encryptionKeySize={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
  trashCleanupAction={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=AUTO_PURGE, restore=false}
  HTMLReplyFormatIncludeName={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  autoUpdateForce={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  sharedAddressBook={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  calendarStartTime={lock={lockLevel=SET_USER, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value={hours=7, minutes=30, timeInMinutes=450}, restore=false}
  displayFolderList={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
```

```
  mailCleanupDays={value=30, restore=false}
  HTMLReplyFormat={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=GROUPWISE_CLASSIC, restore=false}
  folderListViewType={value=[FAVORITES, SIMPLE, FULL], restore=false}
  tutorialUrl={value=, restore=false}
  subscribeCalendar={lock={lockLevel=SET_DOMAIN, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  maxMessageSize={value=0, restore=false}
  appointmentDisplayMode={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=DURATION, restore=false}
  appointmentTrackingAction={value=ALL_INFORMATION, restore=false}
  performMaintenancePurges={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  notifyPollInterval={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value={minutes=1, seconds=0, timeInSeconds=60}, restore=false}
  ruleReplyAll={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  checkSpelling={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  taskCompletedNotification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
  requirePassword={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  globalSignatureList={value=[Novell_Global_Signature], restore=false}
  defaultLibrary={value=, restore=false}
  openNewView={lock={lockLevel=NONE, itemLocked=false, lockAvailable=true,
lockRights=LOCK_USER, modifiable=true}, value=false, restore=false}
  quickViewerPosition={value=BOTTOM, restore=false}
  forceCacheCleanup={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  autoUpdateGraceLogins={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=0,
restore=false}
  HTMLReplyFormatIncludeID={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  busySearchDays={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=[THURSDAY, FRIDAY, MONDAY, TUESDAY, WEDNESDAY], restore=false}
  treatImapLikeGW={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=null,
restore=false}
  htmlreplyFormatIncludeName={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
```

```
  busySearchRange={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=7,
restore=false}
  busySearchAppointmentLength={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value={hours=0, minutes=15, timeInMinutes=15}, restore=false}
  calendarEndTime={lock={lockLevel=SET_USER, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value={hours=18, minutes=30, timeInMinutes=1110}, restore=false}
  boxSizeNotify={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  publishCalendar={lock={lockLevel=SET_DOMAIN, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  htmlreplyFormatIncludeHeaders={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  sendIllegalExtensions={value=, restore=false}
  createTrackingItem={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  internetMailTracking={value=true, restore=false}
  signDigitally={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  alarmWhenAccepted={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  calendarShowWeekNumber={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  htmlreplyFormatIncludeSeparator={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  convertAttachments={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  HTMLReplyFormatTypePosition={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=TOP,
restore=false}
  autoDeleteSentMail={value=false, restore=false}
  doNotPurgeBeforeBackup={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  htmlreplyFormatIncludeDate={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  mimeEncoding={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=UTF8,
restore=false}
  archiveLocationLinux={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=,
restore=false}
  mailCleanupAction={lock={lockLevel=NONE, itemLocked=false,
```

```
    lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=MANUAL_DELETE_ARCHIVE, restore=false}
  noteTrackingAction={value=DELIVERED_OPENED, restore=false}
  disableHTMLView={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  useColorSchemes={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  colorScheme={value=SKY_BLUE, restore=false}
  htmlreplyFormat={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=GROUPWISE_CLASSIC, restore=false}
  singleSignon={value=true, restore=false}
  wildcardAddressing={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true},
value=LIMITED_TO_POST_OFFICE, restore=false}
  remoteMode={value=true, restore=false}
  displayQuickViewer={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  usePersonalAddressBook={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  clientLicense={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=FULL,
restore=false}
  readNext={lock={lockLevel=NONE, itemLocked=false, lockAvailable=true,
lockRights=LOCK_USER, modifiable=true}, value=true, restore=false}
  taskTrackingAction={value=ALL_INFORMATION, restore=false}
  calendarHighlightDays={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=[SUNDAY,
SATURDAY], restore=false}
  autoUpdateEnabled={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=true,
restore=false}
  autoUpdateAlwaysPrompt={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=false, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  defaultReadView={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=HTML,
restore=false}
  appointmentDeletedNotification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
  encryptForRecipients={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  HTMLReplyFormatIncludeAddress={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=false,
restore=false}
  appointmentOpenedNotification={lock={lockLevel=NONE, itemLocked=false,
lockAvailable=true, lockRights=LOCK_USER, modifiable=true}, value=NONE,
restore=false}
```

```
XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
<clientOptions>
  <forceNullOnAttrs/>
  <alarmDefaultTime>
    <value class="AttrNoUsed">
      <hours>1</hours>
      <minutes>0</minutes>
    </value>
    <restore>false</restore>
  </alarmDefaultTime>
  <alarmWhenAccepted>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
  </alarmWhenAccepted>
  <appointmentAcceptedNotification>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">NONE</value>
    <restore>false</restore>
  </appointmentAcceptedNotification>
  <appointmentCleanupAction>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">MANUAL_DELETE_ARCHIVE</value>
    <restore>false</restore>
  </appointmentCleanupAction>
  <appointmentCleanupDays>
    <value class="long">14</value>
    <restore>false</restore>
  </appointmentCleanupDays>
  <appointmentDefaultLength>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
```

```xml
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">
      <hours>1</hours>
      <minutes>0</minutes>
    </value>
    <restore>false</restore>
</appointmentDefaultLength>
<appointmentDeletedNotification>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">NONE</value>
    <restore>false</restore>
</appointmentDeletedNotification>
<appointmentDisplayMode>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">DURATION</value>
    <restore>false</restore>
</appointmentDisplayMode>
<appointmentIncludeSelf>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
</appointmentIncludeSelf>
<appointmentOpenedNotification>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">NONE</value>
    <restore>false</restore>
</appointmentOpenedNotification>
<appointmentTrackingAction>
    <value class="AttrNoUsed">ALL_INFORMATION</value>
    <restore>false</restore>
```

```xml
    </appointmentTrackingAction>
    <archiveLocationLinux>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="string"></value>
      <restore>false</restore>
    </archiveLocationLinux>
    <archiveLocationUnc>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="string"></value>
      <restore>false</restore>
    </archiveLocationUnc>
    <autoDeleteSentMail>
      <value class="boolean">false</value>
      <restore>false</restore>
    </autoDeleteSentMail>
    <autoUpdateUrl>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>false</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="string"></value>
      <restore>false</restore>
    </autoUpdateUrl>
    <autoUpdateEnabled>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>false</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">true</value>
      <restore>false</restore>
    </autoUpdateEnabled>
    <autoUpdateForce>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>false</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
```

```xml
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
    <restore>false</restore>
</autoUpdateForce>
<autoUpdateGraceLogins>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="long">0</value>
    <restore>false</restore>
</autoUpdateGraceLogins>
<autoUpdateAlwaysPrompt>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
    <restore>false</restore>
</autoUpdateAlwaysPrompt>
<boxSizeLimit>
    <value class="long">0</value>
    <restore>false</restore>
</boxSizeLimit>
<boxSizeNotify>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
    <restore>false</restore>
</boxSizeNotify>
<boxSizeWarningThreshold>
    <value class="long">0</value>
    <restore>false</restore>
</boxSizeWarningThreshold>
<boxThresholdNotify>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
```

```xml
      <restore>false</restore>
</boxThresholdNotify>
<busySearchAppointmentLength>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="AttrNoUsed">
      <hours>0</hours>
      <minutes>15</minutes>
   </value>
   <restore>false</restore>
</busySearchAppointmentLength>
<busySearchDays>
   <lock>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <modifiable>true</modifiable>
      <lockLevel>NONE</lockLevel>
      <lockRights>LOCK_USER</lockRights>
   </lock>
   <value>WEDNESDAY</value>
   <value>TUESDAY</value>
   <value>MONDAY</value>
   <value>THURSDAY</value>
   <value>FRIDAY</value>
</busySearchDays>
<busySearchFromTime>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="AttrNoUsed">
      <hours>8</hours>
      <minutes>0</minutes>
   </value>
   <restore>false</restore>
</busySearchFromTime>
<busySearchRange>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="long">7</value>
   <restore>false</restore>
</busySearchRange>
```

```xml
<busySearchToTime>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">
    <hours>17</hours>
    <minutes>0</minutes>
  </value>
  <restore>false</restore>
</busySearchToTime>
<cachingGraceDays>
  <value class="long">14</value>
  <restore>false</restore>
</cachingGraceDays>
<cachingMode>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>false</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">ALLOW</value>
  <restore>false</restore>
</cachingMode>
<calendarEndTime>
  <lock>
    <lockLevel>SET_USER</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">
    <hours>18</hours>
    <minutes>30</minutes>
  </value>
  <restore>false</restore>
</calendarEndTime>
<calendarFirstOfWeek>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">SUNDAY</value>
  <restore>false</restore>
</calendarFirstOfWeek>
<calendarHighlightDays>
```

```
        <lock>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <modifiable>true</modifiable>
          <lockLevel>NONE</lockLevel>
          <lockRights>LOCK_USER</lockRights>
        </lock>
        <value>SATURDAY</value>
        <value>SUNDAY</value>
</calendarHighlightDays>
<calendarShowWeekNumber>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
</calendarShowWeekNumber>
<calendarStartTime>
        <lock>
          <lockLevel>SET_USER</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">
          <hours>7</hours>
          <minutes>30</minutes>
        </value>
        <restore>false</restore>
</calendarStartTime>
<calendarWorkdays>
        <lock>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <modifiable>true</modifiable>
          <lockLevel>SET_USER</lockLevel>
          <lockRights>LOCK_USER</lockRights>
        </lock>
        <value>WEDNESDAY</value>
        <value>TUESDAY</value>
        <value>MONDAY</value>
        <value>THURSDAY</value>
</calendarWorkdays>
<certificateDownloadUrl>
        <value class="string"></value>
        <restore>false</restore>
</certificateDownloadUrl>
<checkSpelling>
        <lock>
          <lockLevel>NONE</lockLevel>
```

```xml
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
    </checkSpelling>
    <checkSpellingAsYouType>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">true</value>
      <restore>false</restore>
    </checkSpellingAsYouType>
    <classification>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">NORMAL</value>
      <restore>false</restore>
    </classification>
    <clientLicense>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">FULL</value>
      <restore>false</restore>
    </clientLicense>
    <collaborationSingleSignon>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
    </collaborationSingleSignon>
    <colorScheme>
      <value class="AttrNoUsed">SKY_BLUE</value>
      <restore>false</restore>
```

```xml
    </colorScheme>
    <composeViews>
      <lock>
        <itemLocked>false</itemLocked>
        <lockAvailable>false</lockAvailable>
        <modifiable>true</modifiable>
        <lockLevel>NONE</lockLevel>
        <lockRights>LOCK_USER</lockRights>
      </lock>
      <value>TEXT</value>
      <value>HTML</value>
    </composeViews>
    <concealSubject>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
    </concealSubject>
    <convertAttachments>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
    </convertAttachments>
    <createTrackingItem>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">true</value>
      <restore>false</restore>
    </createTrackingItem>
    <customViewsLocationUnc>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="string"></value>
      <restore>false</restore>
```

```
        </customViewsLocationUnc>
        <defaultComposeView>
          <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
          </lock>
          <value class="AttrNoUsed">HTML</value>
          <restore>false</restore>
        </defaultComposeView>
        <defaultLibrary>
          <value class="string"></value>
          <restore>false</restore>
        </defaultLibrary>
        <defaultReadView>
          <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
          </lock>
          <value class="AttrNoUsed">HTML</value>
          <restore>false</restore>
        </defaultReadView>
        <delayDelivery>
          <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
          </lock>
          <value class="long">-1</value>
          <restore>false</restore>
        </delayDelivery>
        <disableHTMLView>
          <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
          </lock>
          <value class="boolean">false</value>
          <restore>false</restore>
        </disableHTMLView>
        <displayFolderList>
          <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
```

```
        <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
</displayFolderList>
<displayMainMenu>
    <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
</displayMainMenu>
<displayMainToolBar>
    <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
</displayMainToolBar>
<displayNavBar>
    <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
</displayNavBar>
<displayQuickViewer>
    <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
    <restore>false</restore>
</displayQuickViewer>
<doNotPurgeBeforeBackup>
    <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
```

```xml
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
</doNotPurgeBeforeBackup>
<edirectoryAuthentication>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
</edirectoryAuthentication>
<encryptForRecipients>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
</encryptForRecipients>
<encryptionAlgorithm>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">NONE</value>
      <restore>false</restore>
</encryptionAlgorithm>
<encryptionKeySize>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">NONE</value>
      <restore>false</restore>
</encryptionKeySize>
<forceCacheCleanup>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
```

```xml
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
    <restore>false</restore>
</forceCacheCleanup>
<frequentContacts>
    <value>RECV_SAVE_TO_ME</value>
    <value>RECV_SAVE_INT</value>
    <value>RECV_SAVE_EXT</value>
    <value>SEND_SAVE_INT</value>
    <value>SEND_SAVE_EXT</value>
    <value>AUTO_SAVE</value>
</frequentContacts>
<folderListViewType>
    <value>FAVORITES</value>
    <value>SIMPLE</value>
    <value>FULL</value>
</folderListViewType>
<globalSignatureApplication>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">EXTERNAL_MESSAGES</value>
    <restore>false</restore>
</globalSignatureApplication>
<globalSignatureList>
    <value class="string-array">
      <string>Novell_Global_Signature</string>
    </value>
    <restore>false</restore>
</globalSignatureList>
<globalSignatureName>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="string">&lt;Default Global Signature&gt;</value>
    <restore>false</restore>
</globalSignatureName>
<handleJunkMail>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
```

```xml
        <restore>false</restore>
      </handleJunkMail>
      <internetMailTracking>
        <value class="boolean">true</value>
        <restore>false</restore>
      </internetMailTracking>
      <junkMailCleanupAction>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">AUTO_PURGE</value>
        <restore>false</restore>
      </junkMailCleanupAction>
      <junkMailCleanupDays>
        <value class="long">14</value>
        <restore>false</restore>
      </junkMailCleanupDays>
      <limitsApplyToCache>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>false</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
      </limitsApplyToCache>
      <mailCleanupAction>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">MANUAL_DELETE_ARCHIVE</value>
        <restore>false</restore>
      </mailCleanupAction>
      <mailCleanupDays>
        <value class="long">30</value>
        <restore>false</restore>
      </mailCleanupDays>
      <mailDeletedNotification>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
```

```
      <value class="AttrNoUsed">NONE</value>
      <restore>false</restore>
</mailDeletedNotification>
<mailOpenedNotification>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="AttrNoUsed">NONE</value>
   <restore>false</restore>
</mailOpenedNotification>
<mailTrackingAction>
   <value class="AttrNoUsed">DELIVERED_OPENED</value>
   <restore>false</restore>
</mailTrackingAction>
<maxMessageSize>
   <value class="long">0</value>
   <restore>false</restore>
</maxMessageSize>
<messageRetention>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="boolean">false</value>
   <restore>false</restore>
</messageRetention>
<mimeEncoding>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="AttrNoUsed">UTF8</value>
   <restore>false</restore>
</mimeEncoding>
<moveToPublishedCalendar>
   <lock>
      <lockLevel>SET_DOMAIN</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="boolean">true</value>
   <restore>false</restore>
</moveToPublishedCalendar>
```

```xml
<noteAcceptedNotification>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">NONE</value>
  <restore>false</restore>
</noteAcceptedNotification>
<noteDeletedNotification>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">NONE</value>
  <restore>false</restore>
</noteDeletedNotification>
<noteOpenedNotification>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">NONE</value>
  <restore>false</restore>
</noteOpenedNotification>
<noteTrackingAction>
  <value class="AttrNoUsed">DELIVERED_OPENED</value>
  <restore>false</restore>
</noteTrackingAction>
<notifyPollInterval>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="AttrNoUsed">
    <minutes>1</minutes>
    <seconds>0</seconds>
  </value>
  <restore>false</restore>
</notifyPollInterval>
<openNewView>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
```

```xml
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
      </openNewView>
      <performMaintenancePurges>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
      </performMaintenancePurges>
      <personalAddressBookUserDefinedFields>
        <value class="boolean">true</value>
        <restore>false</restore>
      </personalAddressBookUserDefinedFields>
      <promptBeforePurge>
        <value class="boolean">false</value>
        <restore>false</restore>
      </promptBeforePurge>
      <publishCalendar>
        <lock>
          <lockLevel>SET_DOMAIN</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
      </publishCalendar>
      <publishFreeBusySearch>
        <lock>
          <lockLevel>LOCK_USER</lockLevel>
          <itemLocked>true</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
      </publishFreeBusySearch>
      <publishingHost>
        <lock>
          <lockLevel>SET_DOMAIN</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
```

```
        </lock>
        <value class="string">testCalPubHost1</value>
        <restore>false</restore>
      </publishingHost>
      <HTMLReplyFormat>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">GROUPWISE_CLASSIC</value>
        <restore>false</restore>
      </HTMLReplyFormat>
      <HTMLReplyFormatIncludeHeaders>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
      </HTMLReplyFormatIncludeHeaders>
      <HTMLReplyFormatTypePosition>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">TOP</value>
        <restore>false</restore>
      </HTMLReplyFormatTypePosition>
      <HTMLReplyFormatIncludeDate>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
      </HTMLReplyFormatIncludeDate>
      <HTMLReplyFormatIncludeID>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
```

```
      </lock>
      <value class="boolean">true</value>
      <restore>false</restore>
</HTMLReplyFormatIncludeID>
<HTMLReplyFormatIncludeName>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="boolean">true</value>
   <restore>false</restore>
</HTMLReplyFormatIncludeName>
<HTMLReplyFormatIncludeAddress>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="boolean">false</value>
   <restore>false</restore>
</HTMLReplyFormatIncludeAddress>
<HTMLReplyFormatIncludeSeparator>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="boolean">true</value>
   <restore>false</restore>
</HTMLReplyFormatIncludeSeparator>
<plainTextReplyFormat>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
   </lock>
   <value class="AttrNoUsed">GROUPWISE_CLASSIC</value>
   <restore>false</restore>
</plainTextReplyFormat>
<plainTextReplyFormatSeparatorChar>
   <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
```

```xml
      </lock>
      <value class="string">&gt;</value>
      <restore>false</restore>
    </plainTextReplyFormatSeparatorChar>
    <plainTextReplyFormatTypePosition>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">TOP</value>
      <restore>false</restore>
    </plainTextReplyFormatTypePosition>
    <plainTextReplyFormatIncludeAddress>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">false</value>
      <restore>false</restore>
    </plainTextReplyFormatIncludeAddress>
    <plainTextReplyFormatIncludeName>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">true</value>
      <restore>false</restore>
    </plainTextReplyFormatIncludeName>
    <plainTextReplyFormatIncludeDate>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">true</value>
      <restore>false</restore>
    </plainTextReplyFormatIncludeDate>
    <plainTextReplyFormatIncludeID>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
```

```xml
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
</plainTextReplyFormatIncludeID>
<plainTextReplyFormatIncludeSeparator>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
</plainTextReplyFormatIncludeSeparator>
<quickViewerPosition>
    <value class="AttrNoUsed">BOTTOM</value>
    <restore>false</restore>
</quickViewerPosition>
<readNext>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
</readNext>
<readViews>
    <lock>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <modifiable>true</modifiable>
      <lockLevel>NONE</lockLevel>
      <lockRights>LOCK_USER</lockRights>
    </lock>
    <value>TEXT</value>
    <value>HTML</value>
</readViews>
<refreshInterval>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">
      <minutes>1</minutes>
      <seconds>0</seconds>
    </value>
    <restore>false</restore>
</refreshInterval>
```

```
<remoteMode>
  <value class="boolean">true</value>
  <restore>false</restore>
</remoteMode>
<requirePassword>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">false</value>
  <restore>false</restore>
</requirePassword>
<ruleReplyAll>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>false</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">false</value>
  <restore>false</restore>
</ruleReplyAll>
<ruleReplyLoop>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="boolean">false</value>
  <restore>false</restore>
</ruleReplyLoop>
<sendExpireDays>
  <lock>
    <lockLevel>NONE</lockLevel>
    <itemLocked>false</itemLocked>
    <lockAvailable>true</lockAvailable>
    <lockRights>LOCK_USER</lockRights>
    <modifiable>true</modifiable>
  </lock>
  <value class="long">0</value>
  <restore>false</restore>
</sendExpireDays>
<sendIllegalExtensions>
  <value class="string"></value>
  <restore>false</restore>
</sendIllegalExtensions>
<sendNotify>
  <lock>
    <lockLevel>NONE</lockLevel>
```

```
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
    </sendNotify>
    <sendPriority>
        <lock>
            <lockLevel>SET_USER</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">HIGH</value>
        <restore>false</restore>
    </sendPriority>
    <sendRecipientLimit>
        <value class="long">0</value>
        <restore>false</restore>
    </sendRecipientLimit>
    <sendReplyRequested>
        <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
        </lock>
        <value class="long">255</value>
        <restore>false</restore>
    </sendReplyRequested>
    <sharedAddressBook>
        <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
    </sharedAddressBook>
    <sharedFolder>
        <lock>
            <lockLevel>NONE</lockLevel>
            <itemLocked>false</itemLocked>
            <lockAvailable>true</lockAvailable>
            <lockRights>LOCK_USER</lockRights>
            <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
```

```
      </sharedFolder>
      <showMessengerPresence>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
      </showMessengerPresence>
      <signDigitally>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
      </signDigitally>
      <singleSignon>
        <value class="boolean">true</value>
        <restore>false</restore>
      </singleSignon>
      <subscribeCalendar>
        <lock>
          <lockLevel>SET_DOMAIN</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
      </subscribeCalendar>
      <taskAcceptedNotification>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="AttrNoUsed">NONE</value>
        <restore>false</restore>
      </taskAcceptedNotification>
      <taskCompletedNotification>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
```

```xml
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">NONE</value>
    <restore>false</restore>
</taskCompletedNotification>
<taskDeletedNotification>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">NONE</value>
    <restore>false</restore>
</taskDeletedNotification>
<taskOpenedNotification>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">NONE</value>
    <restore>false</restore>
</taskOpenedNotification>
<taskTrackingAction>
    <value class="AttrNoUsed">ALL_INFORMATION</value>
    <restore>false</restore>
</taskTrackingAction>
<trashCleanupAction>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="AttrNoUsed">AUTO_PURGE</value>
    <restore>false</restore>
</trashCleanupAction>
<trashCleanupDays>
    <value class="long">7</value>
    <restore>false</restore>
</trashCleanupDays>
<treatImapLikeGW>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <restore>false</restore>
```

```xml
      </treatImapLikeGW>
      <tutorialUrl>
        <value class="string"></value>
        <restore>false</restore>
      </tutorialUrl>
      <useBlockMailList>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
      </useBlockMailList>
      <useColorSchemes>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">true</value>
        <restore>false</restore>
      </useColorSchemes>
      <useJunkMailList>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
      </useJunkMailList>
      <useNntpAccounts>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>false</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
          <modifiable>true</modifiable>
        </lock>
        <value class="boolean">false</value>
        <restore>false</restore>
      </useNntpAccounts>
      <usePersonalAddressBook>
        <lock>
          <lockLevel>NONE</lockLevel>
          <itemLocked>false</itemLocked>
          <lockAvailable>true</lockAvailable>
          <lockRights>LOCK_USER</lockRights>
```

```xml
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
    <restore>false</restore>
</usePersonalAddressBook>
<usePersonalAddressBookForCalendar>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>true</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
    <restore>false</restore>
</usePersonalAddressBookForCalendar>
<usePopImapAccounts>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
    <restore>false</restore>
</usePopImapAccounts>
<userLimits>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">false</value>
    <restore>false</restore>
</userLimits>
<useSmime>
    <lock>
      <lockLevel>NONE</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
      <modifiable>true</modifiable>
    </lock>
    <value class="boolean">true</value>
    <restore>false</restore>
</useSmime>
<vibeEnabled>
    <lock>
      <lockLevel>SET_USER</lockLevel>
      <itemLocked>false</itemLocked>
      <lockAvailable>false</lockAvailable>
      <lockRights>LOCK_USER</lockRights>
```

```
        <modifiable>true</modifiable>
      </lock>
      <value class="boolean">true</value>
      <restore>false</restore>
    </vibeEnabled>
    <vibeUrl>
      <lock>
        <lockLevel>SET_USER</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="string">https://vibe.novell.com</value>
      <restore>false</restore>
    </vibeUrl>
    <wildcardAddressing>
      <lock>
        <lockLevel>NONE</lockLevel>
        <itemLocked>false</itemLocked>
        <lockAvailable>true</lockAvailable>
        <lockRights>LOCK_USER</lockRights>
        <modifiable>true</modifiable>
      </lock>
      <value class="AttrNoUsed">LIMITED_TO_POST_OFFICE</value>
      <restore>false</restore>
    </wildcardAddressing>
  </clientOptions>

Response Status:
200 - OK
```

Setting the GroupWise Password of a User

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
  userPassword={value=novell2012, restore=false}

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
<clientOptions>
  <forceNullOnAttrs/>
  <userPassword>
    <value class="string">novell2012</value>
    <restore>false</restore>
  </userPassword>
</clientOptions>

Response Status:
200 - OK
```

Clearing the GroupWise Password of a User

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
  userPassword={restore=true}

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
<clientOptions>
  <forceNullOnAttrs/>
  <userPassword>
    <restore>true</restore>
  </userPassword>
</clientOptions>

Response Status:
200 - OK
```

Restoring the Compose Views of a User

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
  composeViews={restore=true}

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
<clientOptions>
  <forceNullOnAttrs/>
  <composeViews>
    <restore>true</restore>
  </composeViews>
</clientOptions>

Response Status:
200 - OK
```

Modifying the Send Priority Settings of a User

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
   sendPriority={value=HIGH, restore=false}

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
<clientOptions>
   <forceNullOnAttrs/>
   <sendPriority>
     <value class="AttrNoUsed">HIGH</value>
     <restore>false</restore>
   </sendPriority>
</clientOptions>

Response Status:
200 - OK
```

Modifying the Calendar Settings of a User

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
   calendarStartTime={value={hours=7, minutes=30, timeInMinutes=450},
restore=false}
   calendarEndTime={value={hours=18, minutes=30, timeInMinutes=1110},
restore=false}
   calendarShowWeekNumber={value=false, restore=false}
   calendarWorkdays={value=[THURSDAY, MONDAY, TUESDAY, WEDNESDAY],
restore=false}

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
<clientOptions>
   <forceNullOnAttrs/>
   <calendarEndTime>
     <value class="AttrNoUsed">
       <hours>18</hours>
       <minutes>30</minutes>
     </value>
     <restore>false</restore>
   </calendarEndTime>
   <calendarShowWeekNumber>
     <value class="boolean">false</value>
     <restore>false</restore>
   </calendarShowWeekNumber>
   <calendarStartTime>
     <value class="AttrNoUsed">
       <hours>7</hours>
```

```
        <minutes>30</minutes>
      </value>
      <restore>false</restore>
    </calendarStartTime>
    <calendarWorkdays>
      <value>WEDNESDAY</value>
      <value>TUESDAY</value>
      <value>MONDAY</value>
      <value>THURSDAY</value>
    </calendarWorkdays>
</clientOptions>

Response Status:
200 - OK
```

Modifying the Alarm Settings of a User

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
  alarmDefaultTime={value={hours=1, minutes=0, timeInMinutes=60},
restore=false}
  alarmWhenAccepted={value=true, restore=false}

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
<clientOptions>
  <forceNullOnAttrs/>
  <alarmDefaultTime>
    <value class="AttrNoUsed">
      <hours>1</hours>
      <minutes>0</minutes>
    </value>
    <restore>false</restore>
  </alarmDefaultTime>
  <alarmWhenAccepted>
    <value class="boolean">true</value>
    <restore>false</restore>
  </alarmWhenAccepted>
</clientOptions>

Response Status:
200 - OK
```

Disabling and Locking the Publish Free Busy Setting of a User

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
   publishFreeBusySearch={lock={itemLocked=true, lockAvailable=false,
modifiable=false}, value=false, restore=false}

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
<clientOptions>
   <forceNullOnAttrs/>
   <publishFreeBusySearch>
     <lock>
       <itemLocked>true</itemLocked>
       <lockAvailable>false</lockAvailable>
       <modifiable>false</modifiable>
     </lock>
     <value class="boolean">false</value>
     <restore>false</restore>
   </publishFreeBusySearch>
</clientOptions>

Response Status:
200 - OK
```

Enabling the Vibe Access and Configuring the Vibe URL of a User

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
  vibeEnabled={value=true, restore=false}
  vibeUrl={value=https://vibe.novell.com, restore=false}

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/users/testUser1/clientoptions
<clientOptions>
  <forceNullOnAttrs/>
  <vibeEnabled>
    <value class="boolean">true</value>
    <restore>false</restore>
  </vibeEnabled>
  <vibeUrl>
    <value class="string">https://vibe.novell.com</value>
    <restore>false</restore>
  </vibeUrl>
</clientOptions>

Response Status:
200 - OK
```

Performing a Batch Operation to Add Members to a Group

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/members
  add=[{id=USER.testDom1.testPO1.testGroupMember4, participation=PRIMARY},
{id=USER.testDom1.testPO1.testGroupMember3, participation=PRIMARY},
{id=USER.testDom1.testPO1.testGroupMember6, participation=PRIMARY},
{id=USER.testDom1.testPO1.testGroupMember5, participation=PRIMARY},
{id=USER.testDom1.testPO1.testGroupMember2, participation=PRIMARY},
{id=USER.testDom1.testPO1.testGroupMember1, participation=PRIMARY}]

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/members
<groupMemberListUpdate>
  <forceNullOnAttrs/>
  <add>
    <id>USER.testDom1.testPO1.testGroupMember4</id>
    <forceNullOnAttrs/>
    <participation>PRIMARY</participation>
  </add>
  <add>
    <id>USER.testDom1.testPO1.testGroupMember3</id>
    <forceNullOnAttrs/>
```

```
                <participation>PRIMARY</participation>
        </add>
        <add>
            <id>USER.testDom1.testPO1.testGroupMember6</id>
            <forceNullOnAttrs/>
            <participation>PRIMARY</participation>
        </add>
        <add>
            <id>USER.testDom1.testPO1.testGroupMember5</id>
            <forceNullOnAttrs/>
            <participation>PRIMARY</participation>
        </add>
        <add>
            <id>USER.testDom1.testPO1.testGroupMember2</id>
            <forceNullOnAttrs/>
            <participation>PRIMARY</participation>
        </add>
        <add>
            <id>USER.testDom1.testPO1.testGroupMember1</id>
            <forceNullOnAttrs/>
            <participation>PRIMARY</participation>
        </add>
    </groupMemberListUpdate>

    Response Status:
    200 - OK
```

Performing a Batch Operation to Modify Members of a Group

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/members
    update=[{id=USER.testDom1.testPO1.testGroupMember4,
participation=CARBON_COPY}, {id=USER.testDom1.testPO1.testGroupMember3,
participation=CARBON_COPY}]
    remove=[USER.testDom1.testPO1.testGroupMember5,
USER.testDom1.testPO1.testGroupMember6]
    add=[{id=USER.testDom1.testPO1.testGroupMember2, participation=PRIMARY},
{id=USER.testDom1.testPO1.testGroupMember1, participation=PRIMARY}]

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/members
<groupMemberListUpdate>
    <forceNullOnAttrs/>
    <add>
        <id>USER.testDom1.testPO1.testGroupMember2</id>
        <forceNullOnAttrs/>
        <participation>PRIMARY</participation>
    </add>
    <add>
        <id>USER.testDom1.testPO1.testGroupMember1</id>
```

```
      <forceNullOnAttrs/>
      <participation>PRIMARY</participation>
   </add>
   <update>
      <id>USER.testDom1.testPO1.testGroupMember4</id>
      <forceNullOnAttrs/>
      <participation>CARBON_COPY</participation>
   </update>
   <update>
      <id>USER.testDom1.testPO1.testGroupMember3</id>
      <forceNullOnAttrs/>
      <participation>CARBON_COPY</participation>
   </update>
   <remove>USER.testDom1.testPO1.testGroupMember5</remove>
   <remove>USER.testDom1.testPO1.testGroupMember6</remove>
</groupMemberListUpdate>

Response Status:
200 - OK
```

Performing a Batch Operation to Add ACL Members to a Group

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/acl
   add=[{id=USER.testDom1.testPO1.testGroupMember4, rights=READ},
{id=USER.testDom1.testPO1.testGroupMember3, rights=READ},
{id=USER.testDom1.testPO1.testGroupMember6, rights=READ},
{id=USER.testDom1.testPO1.testGroupMember5, rights=READ}]

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/acl
<accessControlListUpdate>
   <forceNullOnAttrs/>
   <add>
      <forceNullOnAttrs/>
      <id>USER.testDom1.testPO1.testGroupMember4</id>
      <rights>READ</rights>
   </add>
   <add>
      <forceNullOnAttrs/>
      <id>USER.testDom1.testPO1.testGroupMember3</id>
      <rights>READ</rights>
   </add>
```

```
        <add>
          <forceNullOnAttrs/>
          <id>USER.testDom1.testPO1.testGroupMember6</id>
          <rights>READ</rights>
        </add>
        <add>
          <forceNullOnAttrs/>
          <id>USER.testDom1.testPO1.testGroupMember5</id>
          <rights>READ</rights>
        </add>
      </accessControlListUpdate>

      Response Status:
      200 - OK
```

Performing a Batch Operation to Modify ACL Members of a Group

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/acl
  update=[{id=USER.testDom1.testPO1.testGroupMember4, rights=WRITE},
{id=USER.testDom1.testPO1.testGroupMember3, rights=WRITE}]
  remove=[USER.testDom1.testPO1.testGroupMember5,
USER.testDom1.testPO1.testGroupMember6]
  add=[{id=USER.testDom1.testPO1.testGroupMember2, rights=READ},
{id=USER.testDom1.testPO1.testGroupMember1, rights=READ}]

XML Request:
PUT https://localhost:9710/gwadmin-service/domains/testDom1/postoffices/
testPO1/groups/testGroup1/acl
<accessControlListUpdate>
  <forceNullOnAttrs/>
  <add>
    <forceNullOnAttrs/>
    <id>USER.testDom1.testPO1.testGroupMember2</id>
    <rights>READ</rights>
  </add>
  <add>
    <forceNullOnAttrs/>
    <id>USER.testDom1.testPO1.testGroupMember1</id>
    <rights>READ</rights>
  </add>
  <update>
    <forceNullOnAttrs/>
```

```
      <id>USER.testDom1.testPO1.testGroupMember4</id>
      <rights>WRITE</rights>
   </update>
   <update>
      <forceNullOnAttrs/>
      <id>USER.testDom1.testPO1.testGroupMember3</id>
      <rights>WRITE</rights>
   </update>
   <remove>USER.testDom1.testPO1.testGroupMember5</remove>
   <remove>USER.testDom1.testPO1.testGroupMember6</remove>
</accessControlListUpdate>

Response Status:
200 – OK
```

Creating a Trusted Application Record

```
JSON Request:
POST https://localhost:9710/gwadmin-service/system/trustedapps
   NMAPEnabled=true
   enabled=false
   archiveServiceAddress=127.0.0.1
   queuingDisabled=false
   archiveServiceRequiresSsl=true
   providesRetentionService=true
   name=testTrustedApp1
   requiresSsl=true
   ipPort=123
   allowArchiveService=true
   nmapenabled=true
   archiveServicePort=456
   ipAddress=127.0.0.1

XML Request:
POST https://localhost:9710/gwadmin-service/system/trustedapps
<trustedapp>
   <name>testTrustedApp1</name>
   <forceNullOnAttrs/>
   <allowArchiveService>true</allowArchiveService>
   <archiveServiceAddress>127.0.0.1</archiveServiceAddress>
   <archiveServicePort>456</archiveServicePort>
   <archiveServiceRequiresSsl>true</archiveServiceRequiresSsl>
```

```
    <providesRetentionService>true</providesRetentionService>
    <ipAddress>127.0.0.1</ipAddress>
    <ipPort>123</ipPort>
    <requiresSsl>true</requiresSsl>
    <enabled>false</enabled>
    <NMAPEnabled>true</NMAPEnabled>
    <queuingDisabled>false</queuingDisabled>
</trustedapp>

Response Status:
201 - Created

Trusted App Key is =
3E52134109EF0000B83CF42E441DDB433E52134209EF0000B5CEAD10E8D9F721
```

Updating a Trusted Application Record

```
JSON Request:
PUT https://localhost:9710/gwadmin-service/system/trustedapps/
testTrustedApp1
  NMAPEnabled=true
  enabled=false
  archiveServiceAddress=127.0.0.1
  queuingDisabled=false
  providesRetentionService=true
  timeLastMod=1371072314000
  requiresSsl=false
  ipPort=123
  timeCreated=1371072314000
  nmapenabled=true
  archiveServicePort=456
  id=TRUSTED_APP.testTrustedApp1
  lastModifiedOp=ADD
  archiveServiceRequiresSsl=true
  @url=/gwadmin-service/system/trustedapps/testTrustedApp1
  description=Trusted App is modified.
  name=testTrustedApp1
  lastModifiedBy=admin.testSystem1
  allowArchiveService=false
  ipAddress=127.0.0.1

XML Request:
PUT https://localhost:9710/gwadmin-service/system/trustedapps/
testTrustedApp1
<trustedapp>
  <id>TRUSTED_APP.testTrustedApp1</id>
  <name>testTrustedApp1</name>
  <url>/gwadmin-service/system/trustedapps/testTrustedApp1</url>
  <timeCreated>1371072577000</timeCreated>
  <timeLastMod>1371072577000</timeLastMod>
  <lastModifiedBy>admin.testSystem1</lastModifiedBy>
  <lastModifiedOp>ADD</lastModifiedOp>
  <forceNullOnAttrs/>
  <allowArchiveService>false</allowArchiveService>
```

```
   <archiveServiceAddress>127.0.0.1</archiveServiceAddress>
   <archiveServicePort>456</archiveServicePort>
   <archiveServiceRequiresSsl>true</archiveServiceRequiresSsl>
   <description>Trusted App is modified.</description>
   <providesRetentionService>true</providesRetentionService>
   <ipAddress>127.0.0.1</ipAddress>
   <ipPort>123</ipPort>
   <requiresSsl>false</requiresSsl>
   <enabled>false</enabled>
   <NMAPEnabled>true</NMAPEnabled>
   <queuingDisabled>false</queuingDisabled>
</trustedapp>

Response Status:
200 - OK
```

Deleting a Trusted Application Record

```
Request:
DELETE https://localhost:9710/gwadmin-service/system/trustedapps/
testTrustedApp1

Response Status:
200 - OK
```

B Valid and Invalid Characters

Although most characters in the languages supported by GroupWise can be used in GroupWise object names and Internet email addresses, some cannot.

Invalid Characters in GroupWise Object Names

Do not use any of the characters listed below in the names of GroupWise objects:

- ASCII characters 0-31
- Asterisk *
- At sign @
- Braces { }
- Colon :
- Comma ,
- Double quote "
- Extended ASCII characters that are graphical or typographical symbols

  IMPORTANT: Accented characters in the extended range can be used in GroupWise object names.

- Parentheses ( )
- Period .

Valid Characters in Internet Email Addresses

Internet email addresses must include only RFC-compliant characters in the string before the @ symbol. For example: `Dave.Nelson12@myDomain.com`

Valid characters before the @ include those listed below.

Numbers 0-9	Exclamation point !	Forward slash /
Uppercase letters A-Z	Number sign #	Equal sign =
Lowercase letters a-z	Dollar sign $	Caret ^
Plus sign +	Percent sign %	Accent mark '
Hyphen -	Ampersand &	Left curly brace {
Underscore _	Single quote '	Vertical bar |
Tilde ~	Period .	Right curly brace }

In the names of GroupWise objects that can appear in email addresses (users, distribution lists, and resources), use underscores (_) rather than spaces as separators between words to facilitate addressing across the Internet.

If it is important for GroupWise object names to include characters that are invalid in email addresses, you can set up preferred email IDs for those objects in order to give them valid email addresses.

For instructions on providing valid email addresses for GroupWise objects, see the following sections in the *GroupWise Administration Guide*:

- ◆ "Changing a User's Internet Addressing Settings"
- ◆ "Changing a Group's Internet Addressing Settings"
- ◆ "Changing a Resource's Internet Addressing Settings"