

Device Application User Guide: Installation and Configuration for Android Devices

ZENworks® Mobile Management 2.5.x

July 2012

Novell.

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ZENworks Mobile Management for Android

The *ZENworks Mobile Management* application for Android devices interfaces with the *ZENworks Mobile Management* server.

ZENworks Mobile Management was designed to enable Android users to keep up-to-date with company security policies and management features, and to ensure the confidentiality and integrity of wirelessly transmitted corporate information.

ZENworks Mobile Management also enables you to access your company's recommended applications and utilize the self-servicing dashboard to locate a misplaced device or issue a lock/wipe command to a potentially compromised device.

Requirements

- Android OS version 2.2, 2.2.1, 2.3, 2.3.3, 2.3.4, 2.3.5, 2.3.6, 3.0.0, 3.0.1, 3.1, 3.2, or 4.0
- User account on the *ZENworks Mobile Management* server

Installation Instructions

Installing from the Google Play Store

Google Play Store is an updated version of the digital marketplace, *Android Market*. Some devices might still display the *Android Market* icon. Either icon will take you to where you can obtain the app.

Using *Google Play Store* or the *Android Market* requires a *Gmail* account.

Access the *Google Play Store* by tapping the *Google Play Store* icon on the device *Home* screen.

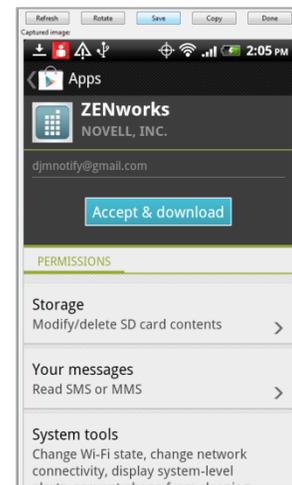
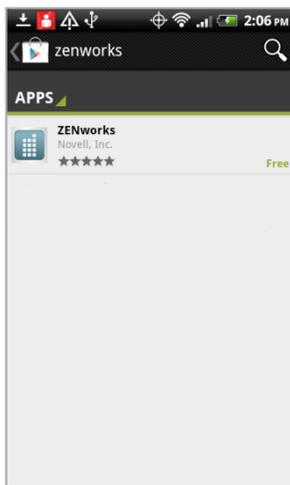


Locate the *ZENworks Mobile Management* application in the *Google Play Store* by entering *zenworks novell* in the *Google Play Store* search bar.



Google Play Search

Tap and install *ZENworks Mobile Management*. When the *ZENworks Mobile Management* application is found, tap it. Tap the ***Install*** button. A permissions screen appears. Tap ***OK*** to begin installing the app. A progression bar displays as the app installs.



Open *ZENworks Mobile Management* to enroll an account. When the installation is complete, you receive a notification that tells you the application was successfully installed. Drag the *Notification* bar at the top of the screen down and tap the installed *ZENworks Mobile Management* app to proceed with enrolling your account.

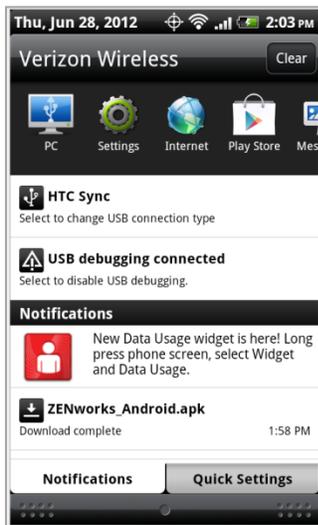
Installing from the ZENworks Mobile Management Portal

Users on any carrier network other than AT&T can download the *ZENworks Mobile Management* App for Android directly from the *ZENworks Mobile Management* portal. Because you are downloading the *ZENworks Mobile Management* app from a source other than the Google Play Store (formerly known as the *Android Market*), you must adjust a setting to allow this.

Adjust your device setting to allow installation from the ZENworks Mobile Management portal in one of the following ways.

The menu location varies depending on the Android operating system you are running.

- From the device Home screen, tap **Settings** > **Applications**. Enable the **Unknown sources** option and accept the terms.
- From the device Home screen, tap **Settings** > **Security**. Enable the **Unknown sources** option and accept the terms.
- From the device Home screen, tap **Settings** > **Device**. Enable the **Allow Installation of Applications from Unknown Sources** option and accept the terms.



Step 1:

Access the *ZENworks Mobile Management* portal and download the *ZENworks Mobile Management* app.

Enter <https://zmmupdate.novell.com/apps/> in your device Web browser and select *Android*. The app will begin to download.

From your device's *Notifications* screen, tap the ZENworks download to install the application.

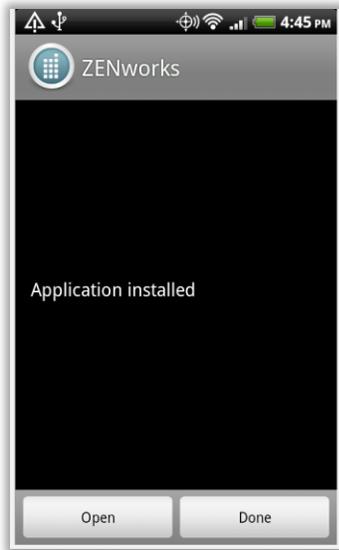


Step 2:

A permissions screen appears. Tap **Install**. A progression bar displays as the app installs.

Upgrades

If you are upgrading, tap the **Update** button. Then tap **OK** to replace your existing *ZENworks Mobile Management* software with the new version.



Step 3:

When the installation is complete, you see a dialog that tells you the application was successfully installed.

Tap **Open** to proceed to the account enrollment.

Enrollment Instructions

Enrollment Steps



1. Enroll your device with *ZENworks Mobile Management* by entering your credentials. Obtain the credentials from your ZENworks server administrator.

Username - Enter the full email address or username associated with your ActiveSync server account (usually everything before the @ sign).

If you are not interfacing with an ActiveSync server, enroll by using the username of the account set up for you on the ZENworks Mobile Management server. Obtain this from your administrator.

Password - Enter the password associated with your ActiveSync user server account.

If you are not interfacing with an ActiveSync server, enroll by using the password of the account set up for you on the ZENworks Mobile Management server. Obtain this from your administrator.

ActiveSync Domain - Enter one of the following:

- If you are not interfacing with an ActiveSync server, you can leave the Domain field blank.
- The login you use to access Web mail might contain the domain. It is often in the format: domain\username.
- Sometimes the text that comes after the @ sign in your email address is considered the domain. For example: If your email address is name@company.com, your domain might be company.com.
- Sometimes the domain might use part of the text that comes after the @ sign in your email address, with “.local” appended to it instead of “.com”. For example: If your email address is: name @company.com, your domain may be company.local.
- Sometimes the enrollment can be completed by leaving the Domain field blank.

2. Enter the **Server** address of the *ZENworks Mobile Management* server.
3. Designate the device ownership. Is it your **Personal** device or a **Company** owned device?
4. Tap the **Use secure connection (SSL)** box if the *ZENworks Mobile Management* server utilizes an SSL certificate.

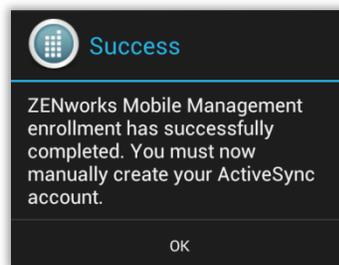
Note: If the **Accept all SSL certificates option** is displayed, leave it disabled unless your administrator instructs you to enable it.

5. Tap the **Enroll** button.

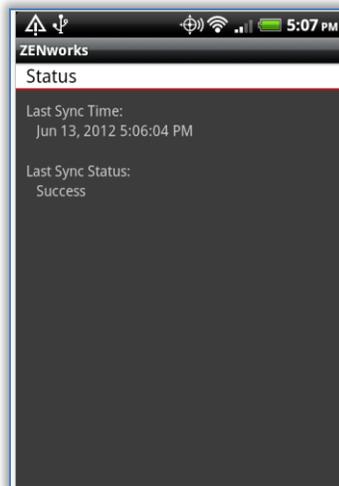
6. If you are prompted for the *ZENworks Mobile Management End User License Agreement*, accept it.
7. Tap **Activate** when you are prompted to activate security policies.



8. The enrollment finishes and displays a dialog that indicates the registration was successful. Your next step is to set up an Exchange ActiveSync Account on the device. Tap **OK**.
You might be prompted to set a screen unlock password if your organization requires it.



The device synchronizes and displays the *ZENworks Mobile Management Status* screen.



Setting up an ActiveSync Account

Setting up an ActiveSync account that interfaces with the *ZENworks Mobile Management* server secures corporate information that is transmitted wirelessly to your device. Use the same user credentials and server information to set up the account that you used when enrolling the *ZENworks Mobile Management* application.

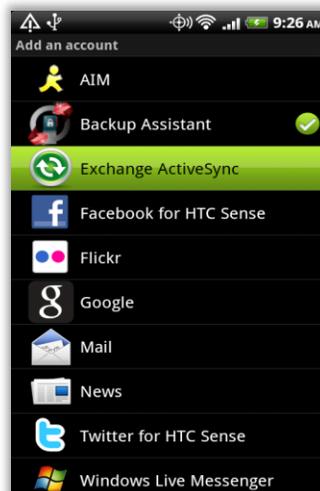
- If you are interfacing with an ActiveSync server, use the credentials associated with your ActiveSync account. Your ActiveSync email, calendar, contacts, and tasks, along with company security policies and management features, are securely transmitted through the *ZENworks Mobile Management* server.
- If you are not interfacing with an ActiveSync server, use the credentials associated with your *ZENworks Mobile Management* account. Company security policies and management features will be securely transmitted through the *ZENworks Mobile Management* server.

Existing ActiveSync Accounts. If you already have an ActiveSync account set up on your Android device, you need to remove it and re-create it so that your mail can be routed through the secure *ZENworks Mobile Management* server.

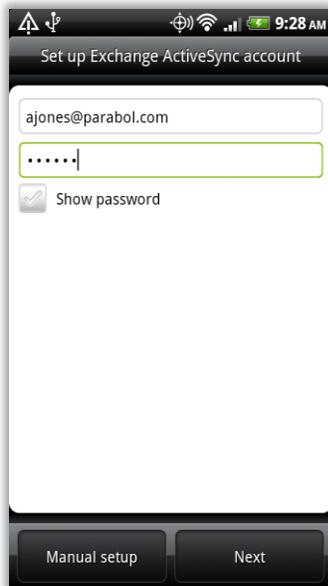


From the Android Home screen, tap **Settings > Accounts & sync (or Accounts)**.

Tap the **Add account** button.



When you are prompted to specify the type of account you want to set up, tap **Exchange ActiveSync**.



Step 1:

Begin configuring your account by entering the following information (some device models do not require this step):

Use the same credentials you used to enroll with *ZENworks Mobile Management*.

Email Address – Enter the full email address associated with your ActiveSync server account.

Password – Enter the password associated with your ActiveSync server account.

Tap **Next** to continue.



Step 2:

The fields on the **Server settings** screen might be prepopulated with information obtained from the credentials you entered in the previous screen. Enter or edit the following:

Domain – Leave the domain blank or enter *zenworks* if an entry is required.

Username – Enter the full email address or username associated with your ActiveSync server account (usually everything before the @ sign).

Password – Enter the password associated with your ActiveSync server account.

Server – Enter the address of the *ZENworks Mobile Management* server

Tap the **Use secure connection (SSL)** box if you are synchronizing with a server with an SSL certificate.

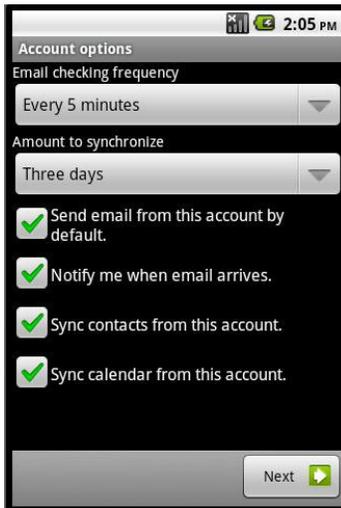
Note: If the **Accept all SSL certificates** option is displayed, leave it disabled unless your administrator instructs you to enable it.

Tap **Next**.



Step 3:

Accept any security prompt that references *ZENworks Mobile Management* or the *ZENworks Mobile Management* server.



Step 4:

The **Account options** screen appears.

Select the account preferences. Please note that the options will vary by device model.

Email checking frequency – Choose direct push or a scheduled push option

Automatic (Push) – *the direct push setting (default)*

Every 5, 10, 15, or 30 minutes – *scheduled push options*

Every hour – *scheduled push options*

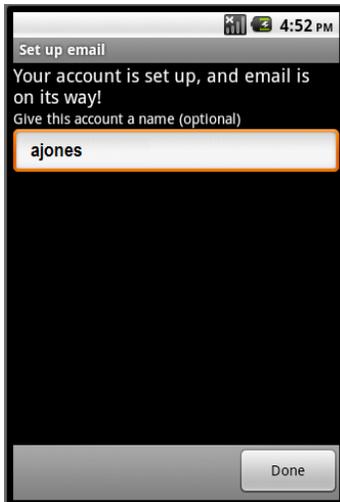
For **Amount to synchronize** – This is the number of days a message will be available on the device. This serves as message cleanup tool that manages email quantity on the device.

- 1 or 3 days
- 1 or 2 weeks
- 1 month

Tap the appropriate boxes:

- **Send email from this account by default**
Tap this option to make this account the default email account from which you send messages.
- **Notify me when email arrives**
Tap this option to receive a notification in the device status bar when mail arrives.
- **Sync contacts from this account**
Tap this option to synchronize contacts
- **Sync calendar from this account**
Tap this option to synchronize calendar events.

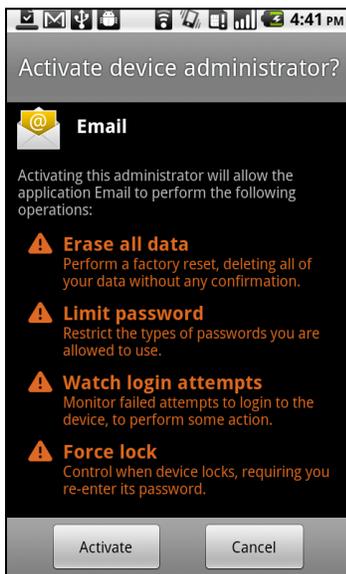
Tap **Next**.



Step 5:

You can give the account a name if you want or skip it and tap **Done**.

Your account is listed on the **Accounts and sync settings (Accounts)** screen, or an account activation screen might appear.



Step 6:

At the activation screen, tap **Activate** to complete your account setup.

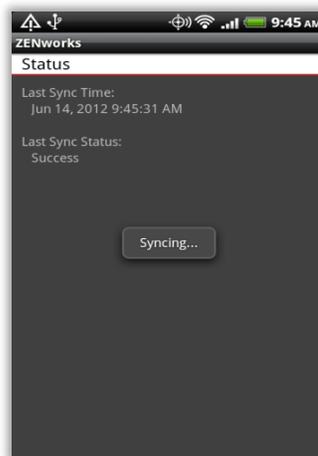
Existing data on the device is replaced with email and PIM retrieved from the server.

Using ZENworks Mobile Management

ZENworks Mobile Management Settings and Options

When the *ZENworks Mobile Management* app is opened, it displays the latest synchronization time and status.

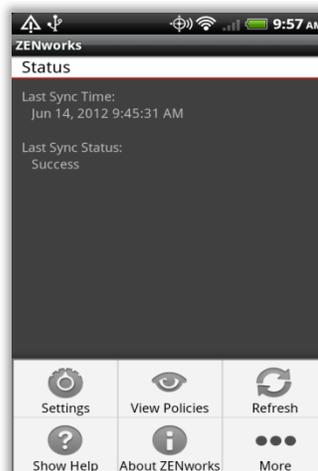
To retrieve the latest information, you can tap the **Refresh** option.



Note: The *Refresh* option is not available while the device is connected to the server in Direct Push mode. A status icon indicates when the device is in Direct Push.

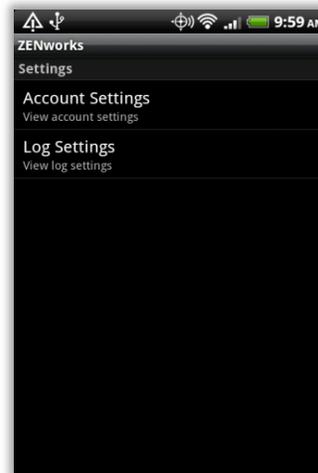


In addition, the *ZENworks Mobile Management* menu offers several options for the user. To access the menu, open *ZENworks* and tap the device menu button. The menu gives you access to *ZENworks Mobile Management Settings*, the **View Policies** option (a list of some of the policies governing the device), and the **File Share** and **Mobile Apps** options.



Settings

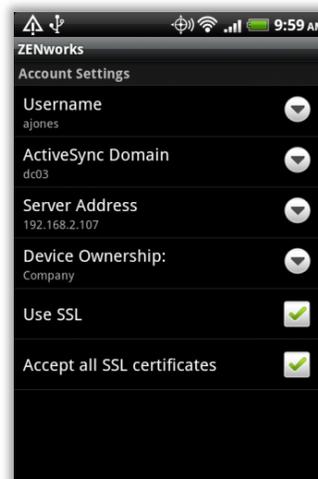
 Tap the **Settings** option to access the **Account** and **Log Settings**.



Account Settings

When you tap the *Account Settings* option, your *ZENworks Mobile Management* account credentials appear. You can also change your password (if one is required) or delete your account.

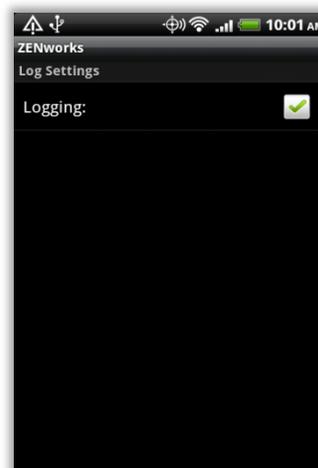
While viewing the **Account Settings** screen, tap the device menu button to choose the **Change Password** or **Delete Account** option.



Log Settings

Log Settings can be enabled in order to provide troubleshooting information. Enabling the settings impacts device performance and should only be done at the direction of a Technical Support representative.

Tap the check box to enable logging.



Viewing Policies



Tap the **View Policies** option to view a list of some of the policy settings on your device.



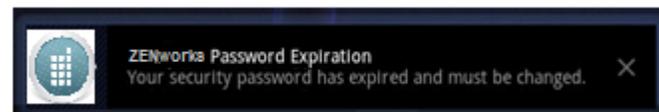
Password Expiration

If **Password Expiration** is part of your corporate security policy, users with devices operating on OS 3.0 or greater are required to periodically update their passwords. See the [knowledge base article](#) on issues associated with these policies.

When the password expires, a notification from the *ZENworks Mobile Management* server appears in the device's notification bar. The device operating system might also send a notification.

You receive a daily password expiration notification until you change your password.

Tap the notification to change the password.

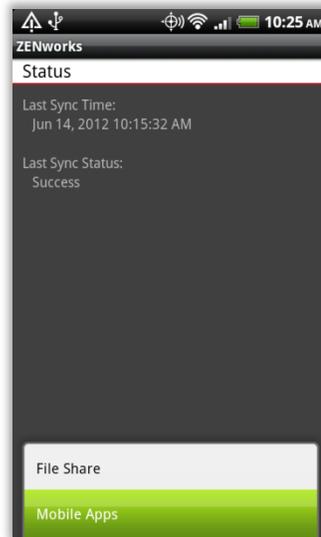
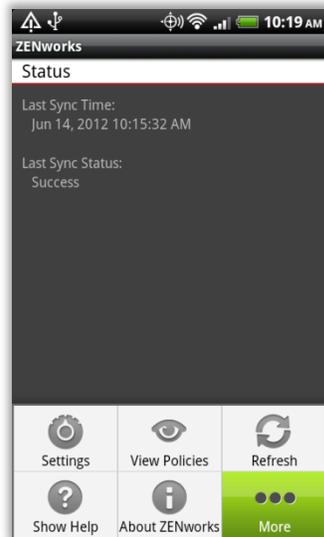


*ZENworks Mobile Management
Password Expiration notification*

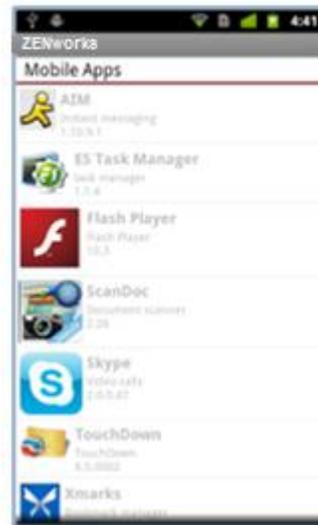
Accessing the Corporate Mobile Apps List

Your administrator can compile and synchronize to your device a list of recommended mobile applications. The list consists of quick links to the applications, making it convenient to install any one of them on the device.

1. To access the Mobile App list, open *ZENworks Mobile Management*, tap the device menu button, and tap **More > Mobile Apps**.



2. The **Mobile Apps** screen appears. Tap **Refresh** to pull available apps from the server.
3. Tap an app to navigate to where it is located in the *Google Play Store* (formerly known as the Android Market). Or, if the link is the actual URL of the app, you can tap it and install the app on your device.

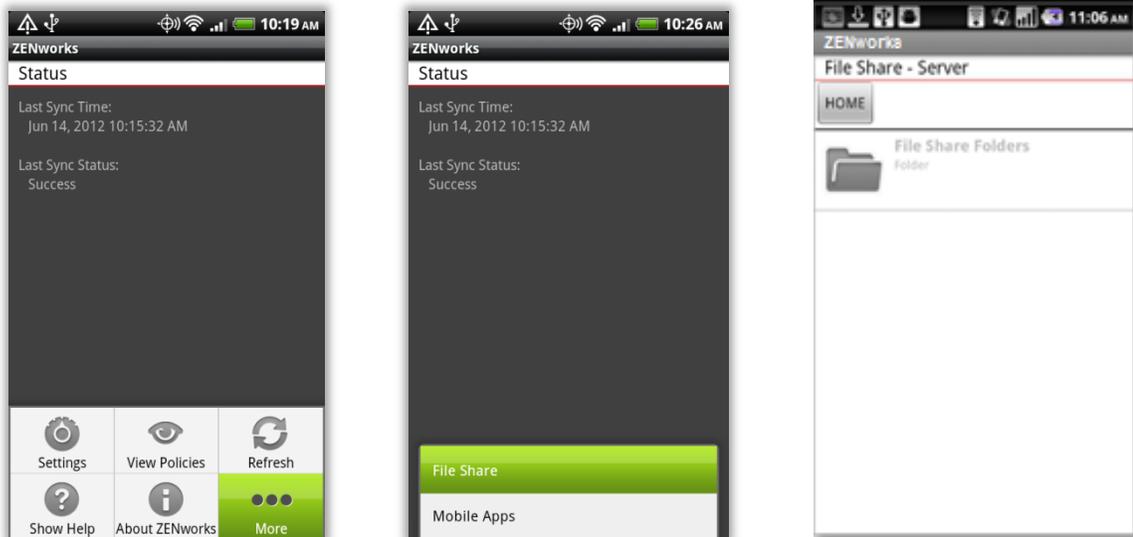


Accessing the Shared File List

Your administrator can compile and make available a directory of folders and files. If the policy to which you have been assigned permits, you have access to these files on your device.

To view the files, you must have viewing applications installed on the device that support the file types. For example, you must have a PDF reader in order to view a PDF file.

1. To access the Shared File directory, open *ZENworks Mobile Management*, tap the device **menu** button and tap **More > File Share**. The **File Share - Server** screen appears.



2. The **File Share Folders** from the *ZENworks Mobile Management* server is pulled to the device. Open this folder to display the directory of files to which you have access.



Maintenance and Usage Tips

Uninstalling ZENworks Mobile Management

When you uninstall the *ZENworks Mobile Management* app, all application data files are also removed.

Delete your *ZENworks Mobile Management* account before you uninstall the *ZENworks Mobile Management* app.

Deleting Your ZENworks Mobile Management Account

1. Open *ZENworks Mobile Management* and tap the device **menu** button.
2. Tap **Settings** > **Account Settings**.
3. Tap the device **menu** button again and tap **Delete Account**.
4. Confirm the deletion by answering **Yes** to the confirmation question.

Uninstalling the ZENworks Mobile Management App

5. From the device Home screen, tap **Settings** > **Applications** > **Manage Applications**.
6. Tap *ZENworks Mobile Management*.
7. Tap **Uninstall**.

What to Do if you Change Devices

If you change devices, your *ZENworks Mobile Management* administrator must clear device enrollment on the server before you can enroll the new device.

- Uninstall the *ZENworks Mobile Management* app from the old device by performing the steps in **Uninstalling ZENworks Mobile Management**.
- After you verify that the administrator has cleared the device enrollment, proceed with enrolling the new device.

Note: Your administrator must also **Clear Device Enrollment** on the server if you are re-enrolling a device that has been reset to factory settings.

Setting the Synchronization Mode

With Direct Push, the device maintains an open connection. The alternative is a Scheduled Push mode where the device is set to check for new messages at a set interval.

Setting a device in Direct Push mode may increase battery consumption. If your battery is not lasting as long as you would like, set a Scheduled Push interval.

To change synchronization to a Scheduled Push mode:

1. Go to **Settings**.
2. Tap **Accounts & sync**.
3. Disable **Background data** and **Auto-sync**.

Accessing the User Self-Administration Portal

The *User Self-Administration Portal* is a resource for *ZENworks Mobile Management* users. Its primary benefit is that it provides a quick way to perform time-sensitive operations without having to go through an administrator. This means that if your device is lost or stolen you can issue commands to the device to prevent malicious actions or unwanted access to sensitive data as soon as you become aware of a threat.

You can access the portal from your desktop computer or from another mobile device. Both the desktop portal and the mobile portal include a way for you to check the location of your device and retrieve a recovery password to unlock your device.

You also use these portals to upload or install client certificates if access to the server you are interfacing with requires an authentication certificate for security purposes. (See *Appendix A*)

To use the User Self-Administration Portal, you need to obtain the *ZENworks Mobile Management* server address from your administrator. Commit it to memory or note it somewhere.

Accessing the Mobile User Self-Administration Portal

In the browser of an Internet enabled device, enter ***https://<yourZENworksServerAddress>/mobile***

Accessing the Desktop User Self-Administration Portal

In a web browser of an Internet enabled PC, enter ***https://<yourZENworksServerAddress>***

Logging In

Once you gain access, log in with your *ZENworks Mobile Management* user account credentials.

- For users interfacing with an ActiveSync server, use your ActiveSync account username, password and domain.
- For users not interfacing with an ActiveSync server, use your ZENworks Mobile Management user account username and password, and leave the domain field blank.

See the [User Self Administration](#) guide for more information on the use of the portals.

Appendix A: Identity Certificate Installation

The Identity Certificate is not required for everyone. If access to the server you interface with requires an authentication certificate for security purposes, your administrator will instruct you to install the Identity Certificate. Identity Certificates can be installed onto your device via the *ZENworks Mobile Management* Mobile User Self-Administration portal. A certificate can be installed on multiple devices; however, only one certificate at a time can be used.

Users operating with OS 2.1 must use a .cer file to successfully install the certificate. Installing a .pfx file requires operating system 2.2. or higher. If your device cannot be upgraded, you might want to ask your administrator to issue a certificate with a .cer file format

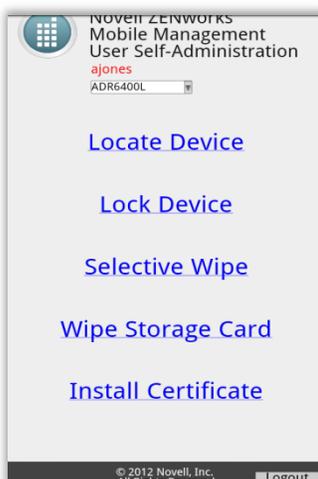


Access the *ZENworks Mobile Management* Mobile User Self-Administration Portal

From the device browser, enter
<yourZENworksServerAddress>/mobile.

Log in with your *ZENworks Mobile Management* user account credentials:

- For users interfacing with an ActiveSync server, use your ActiveSync account username, password, and domain.
- For users not interfacing with an ActiveSync server, use your *ZENworks Mobile Management* user account username and password, and leave the domain field blank.



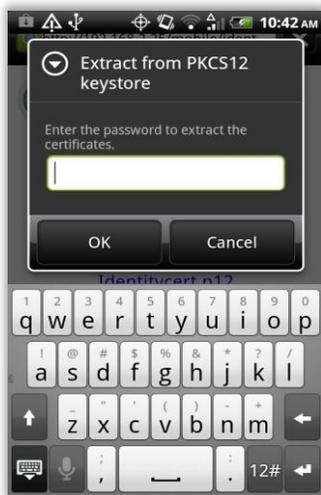
Install the Certificate

1. Tap ***Install Certificate*** from the *ZENworks Mobile Management* Mobile User Self-Administration portal menu.



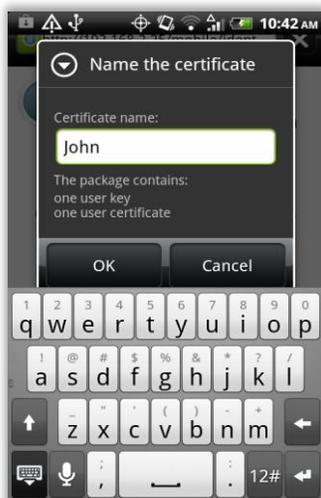
2. Tap the certificate **File Name**. The file will be in one of the following formats: .cer, .pfx, or .p12.

Note: If you see a message indicating that there is no available certificate, your administrator has not yet uploaded a certificate. Consult your administrator.

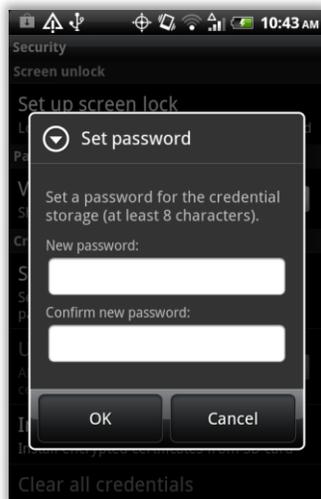


3. If the certificate is a .pfx or .p12 file, you may need to enter the password associated with the file.

Enter the password given by your administrator and tap **OK**.



4. Tap **OK** to install the certificate.



5. Create a credential storage password. This password is required if you ever need to edit, reinstall, or delete the certificate.
6. Tap **OK**.



A system message appears, indicating that the certificate has been installed successfully.