

ZENworks. 2017 Update 3 Administrator Accounts and Rights Reference

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About This Guide

This ZENworks Administrator Accounts and Rights Reference explains how to create accounts for ZENworks administrators and control the rights associated with those accounts. An administrator's rights determine which management operations the administrator can perform in the ZENworks Management Zone. The guide includes the following sections:

- Chapter 1, "Overview," on page 9
- Chapter 2, "Best Practices," on page 13
- Chapter 3, "Managing Administrator Accounts," on page 15
- Chapter 4, "Managing Administrator Groups," on page 19
- Chapter 5, "Managing Administrator Roles," on page 23
- Chapter 6, "Assigning Rights," on page 27
- Chapter 7, "Rights Descriptions," on page 33

Audience

This guide is intended for ZENworks administrators.

Feedback

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

Additional Documentation

ZENworks is supported by other documentation (in both PDF and HTML formats) that you can use to learn about and implement the product. For additional documentation, see the ZENworks documentation web site (http://www.novell.com/documentation/zenworks2017).

1 Overview

The following sections provide information to help you successfully manage ZENworks administrator accounts and rights for your Management Zone:

- Section 1.1, "Administrators," on page 9
- Section 1.2, "Administrator Groups," on page 9
- Section 1.3, "Roles," on page 10
- Section 1.4, "Rights," on page 10
- Section 1.5, "Rights Assignments and Conflict Resolution," on page 11

1.1 Administrators

During installation, a default ZENworks administrator account (named *Administrator*) is created. This account, which is a Super Administrator account, provides full administrative rights to the Management Zone and cannot be deleted.

Typically, you should create ZENworks administrator accounts for each person who will perform administrative tasks in your Management Zone. This allows you to give each administrator only the rights required to carry out his or her ZENworks management responsibilities. It also allows you to audit the changes each administrator makes in the zone.

There are two types of ZENworks administrator accounts:

- ZENworks Super Administrator: A Super Administrator account provides full administrative
 rights to the ZENworks Management Zone. The default Administrator account is a Super
 Administrator account. In addition to the default Administrator account, you should ensure that
 you have at least one other Super Administrator account. This provides redundancy in case the
 password for the Administrator account is forgotten or lost.
- ZENworks Administrator: A standard ZENworks administrator account can provide full
 administrative rights (like a Super Administrator account), but typically is used to limit an
 administrator's rights to only those administrative tasks he or she needs to perform.

For example, you might create an administrator account that limits the administrator to discovering and registering devices in the Management Zone; an account that only allows the administrator to assign bundles to devices; or, an account that only allows the administrator to perform asset management tasks such as contract, license, and document management.

For information about creating administrator accounts, see Chapter 3, "Managing Administrator Accounts," on page 15.

1.2 Administrator Groups

An *administrator group* is a collection of administrators. The administrators receive all rights assigned to the group. There are two types of administrator groups:

• **ZENworks administrator group:** A ZENworks administrator group exists only in the ZENworks system. You create the group and maintain its membership in ZENworks Control Center.

 User Source administrator group: A user source administrator group exists in one of your LDAP user sources. You import the group into your ZENworks system, but the group's membership is maintained in the LDAP user source.

You can assign rights to ZENworks administrator groups and to user source administrator groups.

For information about creating administrator groups, see Chapter 4, "Managing Administrator Groups," on page 19.

1.3 Roles

A *role*, or *administrator role*, is a collection of rights that enable a specific administrative task or tasks to be performed. For example, you might have a Help Desk role that provides rights to remotely manage devices; a Software Management role that provides rights to create and distribute application bundles to managed devices; or a Desktop Security role that provides rights to create and apply security policies to managed devices.

You can assign administrator roles to administrators and to administrator groups.

For information about creating roles, see Chapter 5, "Managing Administrator Roles," on page 23.

1.4 Rights

A ZENworks administrator's *rights* control which administrative tasks he or she can perform in the Management Zone. There are 23 categories of rights:

Administrator	Discovery	Policy	User Source
Bundle	Document	Remote Management	ZENworks User Group
Contract Management	Inventoried Device	Sharing	Zone
Credential	LDAP Import	Subscriptions	Inventory Report
Deployment	License Management	System Update	Asset Management Report
Device	Location	User	

Each rights category contains multiple rights that provide granular control of administrative tasks related to the category. For example, the Bundle Rights category includes the following rights:

View Leaf	Modify Group Membership	Author	Assign Bundles
Modify Groups	Modify Folders	Publish	View Audit Logs
Create/Delete Groups	Create/Delete Folders	Modify Settings	View Audit Events

Each right has two settings: *Allow* and *Deny*. Depending on the setting that is selected, the administrator is either allowed to perform the administrative task controlled by the right or not allowed to perform the task.

When you assign rights, you assign the entire rights category and specify the *context* in which the rights applies. For example, when you assign the Bundle Rights, you would configure each individual bundle right setting (Assign Bundles, Author, Publish, and so forth) to either Allow or Deny, and then specify the context to which the rights apply. In the case of Bundle Rights, the rights could be applied

to the **Bundles** root folder or to any subfolders within the root folder. Some rights, such as Administrator Rights and Discovery Rights, apply only to the Management Zone, so their contexts are automatically set to **zone**.

For detailed descriptions of all rights, see Chapter 7, "Rights Descriptions," on page 33.

1.5 Rights Assignments and Conflict Resolution

There are multiple ways that an administrator can be assigned a right:

- A right is assigned directly to the administrator's account
- A right is assigned to an administrator group in which the administrator is a member
- A right is included in an administrator role that is assigned to the administrator or to an administrator group in which the administrator is a member

In some cases, rights assignments might conflict. When assignments conflict, the most restrictive setting is enforced. For example, an administrator might be assigned the same bundle right through his or her administrator account and through a role. If the settings are different in the two assignments (for example, one setting is *Allow* and the other is *Deny*), the **Deny** setting is used because it is more restrictive than **Allow**.

9 Best Practices

The following sections provide a best practice approach to managing ZENworks administrator accounts and rights.

Practice 1: Create an account for each administrator

Each user who will perform administrative tasks for ZENworks should have his or her own ZENworks administrator account. This allows you to individually control the rights that each administrator has within the system. It also allows you to know which administrator has made changes to the system (see the ZENworks Audit Management Reference).

For information about creating ZENworks administrator accounts, see Chapter 3, "Managing Administrator Accounts," on page 15.

Practice 2: Use administrator groups to reduce rights assignments

Use administrator groups to reduce the number of rights assignments you need to manage. You can create ZENworks administrator groups that exist only in the ZENworks system. You can also import user groups from your user sources to use as administrator groups, in which case the administrator group membership is managed through the user source.

For information about using administrator groups, see Chapter 4, "Managing Administrator Groups," on page 19.

Practice 3: Use administrator roles to provide assignment flexibility

An administrator role is a collection of rights that enable a specific ZENworks administrative task or tasks to be performed. For example, a Help Desk role might include the rights to remotely manage users' workstations.

Roles provide the following advantages when assigning rights:

- Roles can be assigned to administrators and to administrator groups.
- When you create roles, you do not assign a context to them. The context is set when you assign the role to an administrator or administrator group. This means that you can use the same role for administrators who require the role in different contexts.
- When you assign rights directly to an administrator or administrator group, you must set the right's privileges to either Allow or Deny. However, when adding rights to a role, you can configure any of the right's privileges as Unset. An unset privilege is not applied unless it is set elsewhere, such as on the administrator account, on a group in which the administrator is a member, or on another role.

For information about using administrator groups, see Chapter 5, "Managing Administrator Roles," on page 23.

Managing Administrator Accounts

Typically, you should create ZENworks administrator accounts for each person who will perform administrative tasks. This allows you to give each administrator only the rights required to carry out his or her ZENworks management responsibilities. It also allows you to audit the changes each administrator makes in the zone.

The following sections help you create and manage administrator accounts:

- Section 3.1, "Creating Administrators," on page 15
- Section 3.2, "Deleting Administrators," on page 16
- Section 3.3, "Renaming Administrators," on page 16
- Section 3.4, "Searching for Administrators," on page 16
- Section 3.5, "Changing Administrator Passwords," on page 17

3.1 Creating Administrators

To create an administrator account:

- 1 In ZENworks Control Center, in the left pane, click Configuration.
- 2 Click the Administrators tab.
- 3 In the Administrators panel, click New > Administrator to display the Add New Administrator dialog box.
- 4 Fill in the fields:

Create a New Administrator by Providing Name, Password: Select this option if you want to create a new administrator account by manually specifying the name and password.

When specifying a name, do not use characters such as /*?:"'<>|`% ~. These characters are invalid and are not allowed in administrator names. For more information on conventions to follow, see "Naming Conventions in ZENworks Control Center"in the ZENworks Control Center Reference.

Administrator login names with Unicode characters are case sensitive. Ensure that you use the correct case for each character in the login name when it contains Unicode characters.

The new administrator can change the password the first time he or she logs in by clicking the concluded next to the Logout link in the upper-right corner of ZENworks Control Center.

Based on User(s) in a User Source: Select this option if you want to create a new administrator account based on information from your user source. To do so, click Add, then browse for and select the user you want.

Give this Administrator the Same Rights as I Have: By default, new administrator accounts are granted View rights in the Management Zone, which means that they can log in and see most information but cannot modify any of it.

Select this option if you want to assign the new administrator the same rights that you have as the currently-logged in administrator. Otherwise, you will need to assign rights to the administrator after the administrator account is created.

5 When you have finished filling in the fields, click **OK** to add the new administrator.

- 6 Assign rights to the new administrator using any of the following methods:
 - Assign rights directly to the administrator account. For instructions, see Chapter 6, "Assigning Rights," on page 27.
 - Add the administrator to an administrator group. The administrator receives all rights assigned to the group. For information about creating groups and adding administrators to them, see Chapter 4, "Managing Administrator Groups," on page 19.
 - Assign an administrator role to the administrator account. The administrator receives all rights assigned to the role. For information about creating and assigning roles, see Chapter 5, "Managing Administrator Roles," on page 23.

You can also use the admin-create command in zman to create an administrator account. For more information, see "Administrator Commands" in the ZENworks Command Line Utilities Reference.

3.2 Deleting Administrators

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, select the check box next to the administrator's name, then click Delete.
- 3 Click OK to confirm the deletion.

You can also use the admin-delete command in zman to delete an administrator account. For more information, see "Administrator Commands" in the ZENworks Command Line Utilities Reference.

3.3 Renaming Administrators

You cannot rename an administrator who is created based on an existing user in the user source.

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, select the check box next to the administrator's name, then click Edit > Rename.
- 3 Specify the new name, then click OK.

You can also use the admin-rename command in zman to rename an administrator account. For more information, see "Administrator Commands" in the ZENworks Command Line Utilities Reference.

3.4 Searching for Administrators

To search for an administrator

- 1 In the Search option of the Administrators panel, type the string to be used to filter administrators.
- 2 Next, press Enter.

3.4.1 Clearing the Search Result

To clear the search result, click next to the **Search** option in the Administrators panel. The search string that you specify can contain alphanumeric characters. The Search option displays the administrators with the name that contains the specified string or with the Username in User Source that matches the exact string that you specify.

3.5 Changing Administrator Passwords

Refer to the following sections for information about changing administrator passwords:

- Section 3.5.1, "Changing Your Own Administrator Password," on page 17
- Section 3.5.2, "Changing Another Administrator's Password," on page 17

3.5.1 Changing Your Own Administrator Password

All administrators have rights to change their own password after logging in to ZENworks Control Center. This is the only method that can be used to change the default Administrator password.

- 1 In ZENworks Control Center, click the \subseteq icon located next to the Logout option in the top-right corner to display the Change Administrator Password dialog box.
- 2 Fill in the fields, then click OK.

3.5.2 Changing Another Administrator's Password

To change another administrator's password, you must be a Super Administrator or have the **Administrator Rights > Create/Delete** right. This method cannot be used to change the default Administrator password. To change the default Administrator password, you must log in as the default Administrator; see Section 3.5.1, "Changing Your Own Administrator Password," on page 17.

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, select the check box next to the administrator, then click Edit > Set Password to display the Change Administrator Password Dialog box.
- 3 Fill in the fields, then click OK.

Ensure that the password is at least six characters long.

4

Managing Administrator Groups

You can create administrator groups and assign rights to the groups. All administrators who are members of a group receive the rights assigned to the group.

The following sections help you create and manage administrator groups:

- Section 4.1, "Creating Administrator Groups," on page 19
- Section 4.2, "Creating Administrator Accounts for Members of User Source Administrator Groups," on page 20
- Section 4.3, "Modifying the Membership of ZENworks Administrator Groups," on page 20
- Section 4.4, "Deleting Administrator Groups," on page 20
- Section 4.5, "Renaming Administrator Groups," on page 21

4.1 Creating Administrator Groups

- 1 In ZENworks Control Center, in the left pane, click Configuration.
- 2 Click the Administrators tab.
- 3 In the Administrators panel, click New > Administrator Group to display the Add New Administrator Group dialog box.
- 4 Fill in the fields.

The Add New Administrator Group dialog box lets you create a new administrator group account by providing a group name and adding members to the group, or you can create a new administrator group based on an existing user group in the user source. Each administrator group name must be unique.

Create a New Administrator Group by Providing a Name and Adding Members: Select this option if you want to create a new administrator group account by manually specifying the name and adding the members. To add members, click Add, then browse for and select the administrators you want.

You can add any number of administrators to the group. You cannot add other administrator groups to the group.

Based on User Groups in a User Source: Select this option if you want to create a new administrator group account based on user group information from your user source. To do so, click **Add**, then browse for and select the user group you want.

NOTE: To ensure that all top-level groups and all the nested groups of the user container are imported, while creating the user source, you need to enable the **Top level groups and all the nested groups** option. For more information, see User Source Settings in the *ZENworks User Source and Authentication Reference*.

Import user members of each user group as administrators immediately: Select this option to enable the user members of the selected user groups to be immediately added as administrators who can only view the ZENworks Control Center pages.

5 When you have finished filling in the fields, click **OK** to add the new administrator group to the Administrators panel.

- 6 Assign rights to the new administrator group using any of the following methods:
 - Assign rights directly to the administrator group. For instructions, see Chapter 6, "Assigning Rights," on page 27.
 - Assign an administrator role to the administrator group. The group receives all rights assigned to the role. For information about creating and assigning roles, see Chapter 5, "Managing Administrator Roles," on page 23.

4.2 Creating Administrator Accounts for Members of User Source Administrator Groups

This section applies only to user source (LDAP) administrator groups.

By default, ZENworks queries its user sources every 24 hours to refresh the membership of the administrator groups that are based on user source groups. If a group's membership has changed in the user source, the appropriate ZENworks administrator accounts are added ![This content is deprecated based on bug 1075424] during the refresh.

Rather than wait for administrator accounts to be created during the scheduled refresh, you can initiate the refresh to automatically create administrator accounts for members of the group that do not already have administrator accounts. To do so:

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, select the check box next to the administrator group.
- 3 Click Action > Create Administrators.
- 4 Review the message, then click OK

NOTE: If a user is removed from an Administrator Group in the User Source, after a refresh, the user will still remain as an administrator in ZENworks Control Center (ZCC). The administrator will have to be manually deleted from ZCC. For more information on how to delete an administrator, see Section 3.2, "Deleting Administrators," on page 16.

4.3 Modifying the Membership of ZENworks Administrator Groups

This section applies only to ZENworks administrator groups. It does not apply to user source administrator groups; you cannot change a user source group's membership within ZENworks.

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, click the administrator group whose membership you want to change.
- 3 On the group's Summary tab, use the Members panel to add and remove members.

4.4 Deleting Administrator Groups

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, select the check box next to the administrator group's name, then click **Delete**.
- 3 Click OK to confirm the deletion.

4.5 Renaming Administrator Groups

You cannot rename an administrator group that is created based on an existing user group in the user source.

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, select the check box next to the administrator group's name, then click Edit > Rename.
- 3 Specify the new name, then click **OK**.

5

Managing Administrator Roles

An administrator role is a group of rights that allows an administrator to perform specialized ZENworks administrative tasks. For example, you might have a Help Desk role that provides the rights needed to remotely manage devices; a Software Management role that provides the rights needed to create and distribute software applications; or a Desktop Security role that provides rights to create and apply security policies to managed devices.

You can assign administrator roles to administrators and administrator groups.

Perform the following tasks to manage administrator roles:

- Section 5.1, "Creating Roles," on page 23
- Section 5.2, "Assigning Roles," on page 24
- Section 5.3, "Modifying Roles," on page 25
- Section 5.4, "Renaming Roles," on page 26
- Section 5.5, "Deleting Roles," on page 26

5.1 Creating Roles

You must be logged in either as a Super Administrator or as an Administrator with grant rights to create roles.

A role can include one or more rights categories. You can create as many roles as you need. To create a role:

- 1 In ZENworks Control Center, click Configuration.
- 2 Click the Administrators tab.
- 3 In the Roles panel, click **New** to open the Add New Role dialog box:
- 4 Fill in the following fields:

Name: When specifying a name, do not use characters such as /*?:"'<>|`% ~. These characters are invalid and are not allowed in administrator role names. For more information on conventions to follow, see "Naming Conventions in ZENworks Control Center"in the ZENworks Control Center Reference.

Description: Provide optional information to identify the role.

Rights: Click **Add**, select a rights category you want to include in the role, configure each of the right's privileges, then click **OK** to add the rights to the Rights list. You can allow the privilege, deny the privilege, or leave the privilege unset. If you select the **Unset** option, the privilege is not applied (denied or allowed) unless it is set elsewhere in ZENworks (for example, on an administrator account, an administrator group, or another role). For more information about rights, see Chapter 7, "Rights Descriptions," on page 33.

- 5 When you are finished adding rights to the role, click **OK** to save the role.
- 6 To assign the role to administrators or administrator groups, see Section 5.2, "Assigning Roles," on page 24.

5.2 Assigning Roles

You can assign multiple roles to a single administrator or group at one time, or you can assign multiple administrators and groups to a single role at one time, as explained in the following sections:

- Section 5.2.1, "Assigning Roles to an Administrator or Administrator Group," on page 24
- Section 5.2.2, "Assigning Administrators and Administrator Groups to a Role," on page 24

5.2.1 Assigning Roles to an Administrator or Administrator Group

- 1 In ZENworks Control Center, click Administrator.
- 2 In the Administrators panel, click the name of the administrator or group to which you want to add roles.
- 3 Click the Rights tab:
- 4 In the Assigned Roles panel, click Add to display the Select Role dialog box.
- **5** Browse for and select the role to apply, then click **OK** to display the Add Role Assignment dialog box:

The Add Role Assignment dialog box is displayed so that you can define the contexts for the rights included in the role. The contexts determine where the rights are applied. Some rights apply to the entire Management Zone, in which case **Zone** is displayed in the Context field and you cannot change it. Otherwise, you need to add each context to which you want the rights to apply.

If you do not specify a context, the right is not applied to any context.

- 6 To set contexts for the role's rights:
 - 6a In the Types column, click a right to display the Select Context dialog box.
 Rights that have a Zone context cannot be changed; they apply to the entire Management Zone.
 - **6b** In the Select Context dialog box, click **Add** and browse for the desired context. While browsing, you can select multiple contexts in the Browse dialog box.
 - **6c** When you are finished selecting the contexts for a the right, click **OK** to close the Select Contexts dialog box.
 - 6d Repeat Step 6a through Step 6c for each right whose context needs to be set.
 - **6e** When you are finished, click **OK** to close the Add Role Assignment dialog box.
- 7 To add another role, repeat Step 4 and Step 6.
- **8** When you are finished assigning roles to the administrator or group, click **Apply** to save the changes.

5.2.2 Assigning Administrators and Administrator Groups to a Role

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Roles panel, click the name of the role that you want to assign to administrators or administrator groups.

- 3 In the Assigned Administrators panel, click Add to display the Select Administrator dialog box:
- **4** Browse for and select the administrators and administrator groups to which you want to assign the role, then click **OK** to display the Add Role Assignment dialog box:

The Add Role Assignment dialog box is displayed so that you can define the contexts for the rights included in the role. The contexts determine where the rights are applied. Some rights apply to the entire Management Zone, in which case **Zone** is displayed in the Context field and you cannot change it. Otherwise, you need to add each context to which you want the rights to apply.

If you do not specify a context, the right is not applied to any context.

- **5** To set contexts for the role's rights:
 - 5a In the Types column, click a right to display the Select Context dialog box.
 Rights that have a Zone context cannot be changed; they apply to the entire Management Zone.
 - **5b** In the Select Context dialog box, click **Add** and browse for the desired context. While browsing, you can select multiple contexts in the Browse dialog box.
 - **5c** When you are finished selecting the contexts for a the right, click **OK** to close the Select Contexts dialog box.
 - 5d Repeat Step 6a through Step 6c for each right whose context needs to be set.
 - **5e** When you are finished, click **OK** to close the Add Role Assignment dialog box.
- 6 Click Apply to save the changes to the role.

5.3 Modifying Roles

You can change a role's description, rights, and administrator assignments at any time. After you save the changes, any rights changes are immediately effective for assigned administrators and groups.

- 1 In ZENworks Control Center, click Administrators.
- 2 In the Roles panel, select the check box for the role you want to modify, then click Edit > Edit to open the Edit Role dialog box:
- 3 To change the description, make the changes directly in the Description field.
- **4** To change existing rights:
 - **4a** In the Rights panel, select the check box for the right whose settings you want to change, then click **Edit** to open the Rights dialog box.
 - 4b For each privilege, select whether the role allows it, denies it, or leaves it unset.
 - The most restrictive right set in ZENworks prevails. If you select the **Deny** option, the right is denied for any administrator or group assigned that role, even if the administrator is allowed the right elsewhere in ZENworks.
 - If you select the **Unset** option, the administrator is not granted the right for the role unless it is granted elsewhere in ZENworks (for example, on an administrator account, an administrator group, or another role).
 - **4c** Click **OK** to save the change.
 - 4d Repeat Step 4a through Step 4c for each right you want to change.

- 5 To add new rights:
 - 5a In the Rights panel, click Add, then select one of the rights categories from the list.
 - **5b** In the Rights dialog box, select whether each privilege should be allowed, denied, or left unset.

The most restrictive right set in ZENworks prevails. If you select the **Deny** option, the right is denied for any administrator assigned to that role, even if the administrator is granted that right elsewhere in ZENworks.

If you select the **Unset** option, the administrator is not granted the right for the role unless it is granted elsewhere in ZENworks.

- 5c Click OK to continue.
- 5d Repeat Step 5a through Step 5c for each right you want to add.
- 6 To delete rights:
 - 6a In the Rights panel, select the check box for the right to be deleted, then click Delete.
 - **6b** Click **OK** to confirm the deletion.
- **7** When you are finished modifying the rights, click OK to exit the dialog box and save your changes to the role.

5.4 Renaming Roles

Role names can be changed at any time. The changed role name is automatically replicated wherever it is displayed in ZENworks Control Center.

- 1 In ZENworks Control Center, click the Administrator tab.
- 2 In the Roles panel, select the check box for the role to be renamed.
- 3 Click Edit > Rename to open the Rename Role dialog box.
- 4 Specify the new role name, then click OK.

5.5 Deleting Roles

When you delete a role, its rights configurations are no longer applicable to any administrator that was assigned to the role.

Deleted roles cannot be recovered. You must re-create them.

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Roles panel, select the check box for the role to be deleted.
- 3 Click Delete, then click OK to confirm the deletion.

6 Assigning Rights

The following sections help you manage rights assignments for administrators, administrator groups, and administrator roles:

- Section 6.1, "Assigning Rights," on page 27
- Section 6.2, "Modifying Assigned Rights," on page 30
- Section 6.3, "Removing Assigned Rights," on page 32

6.1 Assigning Rights

The following sections help you assign rights to administrators, groups, and roles:

- Section 6.1.1, "Assigning Super Administrator Rights," on page 27
- Section 6.1.2, "Assigning Rights to Administrators and Administrator Groups," on page 27
- Section 6.1.3, "Assigning Rights to Administrator Roles," on page 28
- Section 6.1.4, "Assigning Inventory Report Rights to Administrators and Administrator Groups," on page 29
- Section 6.1.5, "Assigning Asset Management Report Rights to Administrators and Administrator Groups," on page 29

6.1.1 Assigning Super Administrator Rights

A Super Administrator has rights to perform all administrative tasks. For more information about all of the rights that a Super Administrator has, see Section 7, "Rights Descriptions," on page 33. When you grant an administrator Super Administrator rights, all other assigned rights are overridden.

Super Administrator rights can be assigned only to administrator accounts. They cannot be assigned to administrator groups or roles.

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, click the name of the administrator to whom you want to assign Super Administrator rights.
- 3 Click the Rights tab.
- 4 In the General panel, select the Super Administrator check box.
- 5 Click Apply.

6.1.2 Assigning Rights to Administrators and Administrator Groups

This section explains how to assign all rights other than Inventory Report Rights and Asset Management Report Rights to administrators and administrator groups. For information about assigning Inventory Report rights, see Section 6.1.4, "Assigning Inventory Report Rights to

Administrators and Administrator Groups," on page 29. For information about assigning Asset Management Report rights, see Section 6.1.5, "Assigning Asset Management Report Rights to Administrators and Administrator Groups," on page 29.

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, click the name of the administrator or administrator group to which you want to assign rights.
- 3 Click the Rights tab.
- 4 In the Assigned Rights panel, click Add, then select the rights you want to assign. For example, if you want to assign rights for device tasks, select Device Rights.
- 5 Configure the following settings:

Contexts: The contexts determine where the rights are applied. Some rights apply to the entire Management Zone, in which case **Zone** is displayed in the Contexts box and you cannot change it. Otherwise, you need to add each context to which you want the rights to apply.

Privileges: Each privilege, or task, has a rights setting associated with it. Click **Allow** to enable the privilege or click **Deny** to disable the privilege. For more information about right's privileges, see Chapter 7, "Rights Descriptions," on page 33.

- 6 Click OK to add the rights to the Assigned Rights panel.
- 7 Click Apply to save the changes to the administrator or administrator group.

You can also use the admin-rights-set command in zman to assign rights for an administrator account. For more information, see "Administrator Commands" in the ZENworks Command Line Utilities Reference.

6.1.3 Assigning Rights to Administrator Roles

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Roles panel, click the name of the role to which you want to assign rights.
- 3 In the Rights panel, click Add, then select the rights you want to assign.
 For example, if you want to assign rights for device tasks, select Device Rights.
- 4 For each privilege, click Allow to enable the privilege, Deny to disable the privilege, or Unset to not configure the privilege.

If you select **Unset**, the privilege is not applied (denied or allowed) unless it is set elsewhere in ZENworks (for example, on an administrator account, an administrator group, or another role). For more information about the right's privileges, see Section 7, "Rights Descriptions," on page 33.

NOTE: You do not configure the contexts to which the rights apply until you assign the role to an administrator or administrator group. This allows you to use the same role for administrators requiring the role in different contexts. For information about assigning roles, see Section 5.2, "Assigning Roles," on page 24.

- 5 Click OK.
- 6 Click Apply to save the changes to the administrator role.

You can also use the role-rights-set command in zman to assign rights to an administrator role. For more information, see "Role Commands" in the ZENworks Command Line Utilities Reference.

6.1.4 Assigning Inventory Report Rights to Administrators and Administrator Groups

This section explains how to assign Inventory Report rights to administrators and administrator groups. Inventory Report rights control an administrator's rights to edit and run the standard and custom inventory reports. These are the reports located on the Reports tab in ZENworks Control Center.

For information about assigning Asset Management Report rights, see Section 6.1.5, "Assigning Asset Management Report Rights to Administrators and Administrator Groups," on page 29. For information about assigning all other rights, see Section 6.1.2, "Assigning Rights to Administrators and Administrator Groups," on page 27.

By default, each administrator receives rights to view and run all of the inventory reports. You can increase the rights to enable the administrator to also create and delete reports. Or, you can remove the rights to prevent the administrator from even seeing the reports.

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, click the name of the administrator or administrator group whose Inventory Reports rights assignments you want to modify.
- 3 Click the Rights tab.
- 4 In the Administrator Tasks panel, click Inventory Report Rights.
 The Inventory Report Rights panel lists the folders that contain the custom and standard inventory reports. The report rights are set at the folder level.
- 5 Select the check box next to the folder containing the reports for which you want to modify the administrator's rights.
- 6 Click Edit, then select the rights you want to assign:
 - Remove All Rights: Removes all rights to the folder and its reports.
 - Assign View/Execute Rights: Allows the administrator to view and execute the folder's report, but not to edit, move, or delete the reports.
 - Assign Full Rights: Gives the administrator rights to create, edit, move, and delete reports. For standard reports, this setting is the same as View/Execute, because you cannot alter a standard report.

The changes to the rights are saved immediately.

For more information, see Section 7.24, "Inventory Report Rights," on page 67.

6.1.5 Assigning Asset Management Report Rights to Administrators and Administrator Groups

This section explains how to assign Asset Management Report rights to administrators and administrator groups. Asset Management Report rights control an administrator's rights to edit and run the standard and custom Asset Management reports. These are the reports located on the Asset Management Reports tab in ZENworks Control Center.

For information about assigning Inventory Report rights, see Section 6.1.4, "Assigning Inventory Report Rights to Administrators and Administrator Groups," on page 29. For information about assigning all other rights, see Section 6.1.2, "Assigning Rights to Administrators and Administrator Groups," on page 27.

By default, each administrator receives rights to view and run all of the Asset Management reports. You can increase the rights to enable the administrator to also create and delete reports. Or, you can remove the rights to prevent the administrator from even seeing the reports.

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, click the name of the administrator or administrator group whose Inventory Reports rights assignments you want to modify.
- 3 Click the Rights tab.
- 4 In the Administrator Tasks panel, click Asset Management Report Rights.
 - The Asset Management Report Rights panel lists the folders that contain the custom and standard inventory reports, as well as the source for the folders. The report rights are set at the folder level.
- 5 Select the check box next to the folder containing the reports for which you want to modify the administrator's rights.
- 6 Click Edit, then select the rights you want to assign:
 - Remove All Rights: Removes all rights to the folder and its reports.
 - Assign View/Execute Rights: Allows the administrator to view and execute the folder's report, but not to edit, move, or delete the reports.
 - Assign Full Rights: Gives the administrator rights to create, edit, move, and delete reports.
 For standard reports, this setting is the same as View/Execute, because you cannot alter a standard report.

The changes to the rights are saved immediately.

For more information, see Section 7.25, "Asset Management Report Rights," on page 67.

6.2 Modifying Assigned Rights

The following sections describe how to modify the rights assigned to administrators, groups, and roles:

- Section 6.2.1, "Modifying Assigned Rights for Administrators and Administrator Groups," on page 30
- Section 6.2.2, "Modifying Assigned Rights for Administrator Roles," on page 31
- Section 6.2.3, "Modifying Inventory Report Rights for Administrators and Administrator Groups," on page 31
- Section 6.2.4, "Modifying Asset Management Report Rights for Administrators and Administrator Groups," on page 31

6.2.1 Modifying Assigned Rights for Administrators and Administrator Groups

You can change the settings (Allow or Deny) for assigned rights, but you cannot change the contexts for the rights. If you want to change the contexts, you must delete the rights (see Section 6.3, "Removing Assigned Rights," on page 32) and add them again (see Section 6.1, "Assigning Rights," on page 27).

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, click the name of the administrator or administrator group whose assigned rights you want to change.

- 3 In the Assigned Rights panel, select the check box next to the assigned right you want to modify.
- 4 Click Edit, then modify the settings.

 For more information about the settings, see Section 7, "Rights Descriptions," on page 33.
- 5 Click OK.
- 6 When you are finished modifying rights, click Apply to apply the changes.

6.2.2 Modifying Assigned Rights for Administrator Roles

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Roles panel, click the name of the administrator role whose assigned rights you want to change.
- 3 In the Rights panel, select the check box next to the assigned right you want to modify.
- 4 Click Edit, then modify the settings.

 For more information about the settings, see Section 7, "Rights Descriptions," on page 33.
- 5 Click OK.
- 6 When you are finished modifying rights, click Apply to apply the changes.

6.2.3 Modifying Inventory Report Rights for Administrators and Administrator Groups

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, click the name of the administrator or administrator group whose Inventory Report rights you want to modify.
- 3 Click the Rights tab.
- 4 In the Administrator Tasks panel, click Inventory Report Rights.
- 5 Select the check box next to the folder containing the reports for which you want to modify the administrator's rights.
- 6 Click Edit, then select the rights you want to assign:
 - Remove All Rights: Removes all rights to the folder and its reports.
 - Assign View/Execute Rights: Allows the administrator to view and execute the folder's report, but not to edit, move, or delete the reports.
 - Assign Full Rights: Gives the administrator rights to create, edit, move, and delete reports. For standard reports, this setting is the same as View/Execute, because you cannot alter a standard report.

The changes to the rights are saved immediately.

For more information, see Section 7.24, "Inventory Report Rights," on page 67.

6.2.4 Modifying Asset Management Report Rights for Administrators and Administrator Groups

- 1 In ZENworks Control Center, click the Administrators tab.
- 2 In the Administrators panel, click the name of the administrator or administrator group whose Asset Management rights you want to modify.

- 3 Click the Rights tab.
- 4 In the Administrator Tasks panel, click Asset Management Report Rights.
- **5** Select the check box next to the folder containing the reports for which you want to modify the administrator's rights.
- **6** Click **Edit**, then select the rights you want to assign:
 - Remove All Rights: Removes all rights to the folder and its reports.
 - Assign View/Execute Rights: Allows the administrator to view and execute the folder's report, but not to edit, move, or delete the reports.
 - Assign Full Rights: Gives the administrator rights to create, edit, move, and delete reports. For standard reports, this setting is the same as View/Execute, because you cannot alter a standard report.

The changes to the rights are saved immediately.

For more information, see Section 7.25, "Asset Management Report Rights," on page 67.

6.3 Removing Assigned Rights

- 1 In ZENworks Control Center, click the Administrators tab.
- **2** In the Administrators panel, click the administrator's name.
- 3 Select the check box next to the assigned right.
- 4 Click Delete.

You can also use the admin-rights-delete command in zman to delete assigned rights for an administrator account. For more information, see "Administrator Commands" in the ZENworks Command Line Utilities Reference.

7

Rights Descriptions

The following sections contain information about the various rights that you can assign to administrators, administrator groups, and administrator roles:

- Section 7.1, "Administrator Rights," on page 34
- Section 7.2, "Bundle Rights," on page 34
- Section 7.3, "Contract Management Rights," on page 37
- Section 7.4, "Credential Rights," on page 39
- Section 7.5, "Deployment Rights," on page 40
- Section 7.6, "Device Rights," on page 40
- Section 7.7, "Discovery Rights," on page 43
- Section 7.8, "Document Rights," on page 44
- Section 7.9, "Inventoried Device Rights," on page 45
- Section 7.10, "LDAP Import Rights," on page 47
- Section 7.11, "License Management Rights," on page 47
- Section 7.12, "Location Rights," on page 49
- Section 7.13, "Patch Management Rights Device," on page 50
- Section 7.14, "Patch Management Rights Zone," on page 51
- Section 7.15, "Policy Rights," on page 52
- Section 7.16, "Quick Task Rights," on page 56
- Section 7.17, "Remote Management Rights," on page 57
- Section 7.18, "Subscription Rights," on page 59
- Section 7.19, "System Update Rights," on page 60
- Section 7.20, "User Rights," on page 60
- Section 7.21, "User Source Rights," on page 62
- Section 7.22, "ZENworks User Group Rights," on page 63
- Section 7.23, "Zone Rights," on page 65
- Section 7.24, "Inventory Report Rights," on page 67
- Section 7.25, "Asset Management Report Rights," on page 67

7.1 Administrator Rights

The Administrator Rights dialog box lets you allow the selected administrator to grant rights to other administrators and to create or delete administrator accounts for your Management Zone.

The following rights are available:

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES	
Grant Rights	 Assign rights to an administrator or administrator group 	To grant any object rights to other administrators, an administrator must	
	 Remove rights from an administrator or administrator group 	have the Grant Rights and the rights for that object. For example, to grant bundle rights to other administrators,	
	 Assign roles to an administrator or administrator group 	an administrator must have both the Grant Rights and the Bundle Rights.	
	 Remove roles from an administrator or administrator group 		
Create/Delete	Create an administrator		
	 Rename an administrator 		
	 Set/reset an administrator's password 		
	Delete an administrator		
Create/Delete	Create an administrator group		
Groups	 Delete an administrator group 		
Modify Groups	Add administrators to a group		
	 Remove administrators from a group 		
View Audit Log	 View an administrator's Audit tab and the events logged to that tab 	This right does not allow the administrator to view event details.	
	 View an administrator group's Audit tab and the events logged to that tab 	To view event details, the administrator must have the View Audit Event right.	
View Audit Events	 View an administrator's Audit tab, the events logged to that tab, and the details for the events 	Setting the View Audit Events right to Allow forces the View Audit Log right to Allow.	
	 View an administrator group's Audit tab, the events logged to that tab, and the details for the events 		

7.2 Bundle Rights

The Bundle Rights dialog box lets you control the bundle operations that the selected administrator can perform.

- "Contexts" on page 35
- "Privileges" on page 35

7.2.1 Contexts

Specify the Bundle folders (contexts) that you want the administrator's Bundle rights to apply to. To select a folder, click **Add** to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click **OK**. The rights also apply to the folder's subfolders.

7.2.2 Privileges

The **Privileges** section lets you grant the selected administrator rights to create or modify bundles, groups, and folders listed in the Contexts section.

The following rights are available:

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES	
View Leaf	 View the contents in the specified context (folder and subfolders) 	Setting the View Leaf right to Deny forces all other Bundle rights to Deny. The View Leaf right must be set to Allow to perform any other bundle operations.	
Modify Groups	Rename a bundle group		
	 Change a bundle group's description 		
Create/Delete	Create a bundle group	Setting the Create/Delete Groups	
Groups	 Delete a bundle group 	right to Allow forces the Modify Groups right to Allow. This means	
	Move a bundle group	that an administrator who creates a group also receives rights to modify it.	
Modify Group	Add bundles to a group		
Membership	 Remove bundles from a group 		
	 Reorder bundles within a group 		
Modify Folders	Rename a bundle folder		
	 Change a bundle folder's description 		
Create/Delete	Create a bundle folder	Setting the Create/Delete Folders	
Folders	Delete a bundle folder	right to Allow forces the Modify Folders right to Allow. This means	
	Move a bundle folder	that an administrator who creates a folder also receives rights to modify it.	

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES	
Author	Create a bundle (Sandbox version)		
	For Sandbox bundles:		
	 Edit settings on a bundle's Summary tab 		
	 Edit settings on a bundle's Requirements tab 		
	 Edit settings on a bundle's Actions tab 		
	 Rename a bundle 		
	 Move a bundle from one folder to another 		
	 Copy system requirements from one bundle to another 		
	 Delete a bundle 		
	 Enable/disable a bundle 		
	 Publish (copy) a bundle to a new bundle (Sandbox version) 		
Publish	 Publish a bundle as a new version or a new bundle 	Setting the Publish right to Allow forces the Author right to Allow. This	
	 Edit settings on a bundle's Summary tab 	means that an administrator who can publish bundles can also author	
	 Edit settings on a bundle's Requirements tab 	bundles.	
	 Edit settings on a bundle's Actions tab 		
	• Rename a bundle		
	 Move a bundle from one folder to another 		
	 Copy system requirements from one bundle to another 		
	Delete a bundle		
	• Enable/disable a bundle		
	 Publish (copy) a bundle to a new bundle (Sandbox version) 		
Modify Settings	 Edit settings on a bundle's Settings tab with the following exception: 	This right applies to bundles and bundle folders. It does not apply to	
	 Cannot create or add system variables (System Variables setting) on bundles 	bundle groups because bundle groups do not have a Settings tab.	

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Assign Bundles	 Assign bundles to devices, device groups, and device folders 	To assign bundles to devices, groups, and folders, an administrator
	 Assign bundle groups to devices, device groups, and device folders 	needs this right and the Device Rights – Assign Bundles right. In other words, the administrator needs
	 Assign bundles to users, user groups, and user folders 	Assign Bundle rights for the bundle and the device to which the bundle is
	 Assign bundle groups to users, user groups, and user folders 	being assigned. To assign bundles to users, groups,
	 Remove bundle assignments from the objects listed above 	and folders, an administrator needs this right and the User Rights –
	 Remove bundle group assignments from the objects listed above 	Assign Bundles right. In other words the administrator needs Assign Bundle rights for the bundle and the user to which the bundle is being assigned.
View Audit Log	 View a bundle's Audit tab and the events logged to that tab 	This right does not allow the administrator to view event details.
	 View a bundle group's Audit tab and the events logged to that tab 	To view event details, the administrator must have the View Audit Event right.
 View a bundle folder's Audit tab and t events logged to that tab 	 View a bundle folder's Audit tab and the events logged to that tab 	, idan _ rom ngm.
View Audit Events	 View a bundle's Audit tab, the events logged to that tab, and the details for the events 	Setting the View Audit Events right to Allow forces the View Audit Log right
	 View a bundle group's Audit tab, the events logged to that tab, and the details for the events 	to Allow.
	 View a bundle folder's Audit tab, the events logged to that tab, and the details for the events 	

7.3 Contract Management Rights

The Contract Management Rights dialog box lets you control the operations that the selected administrator can perform to manage contracts.

- Section 7.3.1, "Contexts," on page 37
- Section 7.3.2, "Privileges," on page 38

7.3.1 Contexts

Specify the Contract Management folders (contexts) that you want the administrator's Contract Management rights to apply to. To select a folder, click **Add** to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click **OK**. The rights also apply to the folder's subfolders.

7.3.2 Privileges

The **Privileges** section lets you grant the selected administrator rights to contracts and folders listed in the **Contexts** section.

The following rights are available:

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
View Leaf	 View the contents in the specified context (folder and subfolders) 	Setting the View Leaf right to Deny forces all other Contract Management rights to Deny. The View Leaf right must be set to Allow to perform any other contract management operations.
Modify	 Change contract details, with the following exceptions: 	To add or remove a license entitlement relationship, an administrator must have this right
	 Date Notification changes also require Create/Delete rights 	and the License Management Rights – Modify right. In other words, an
	 Change default Date Notification settings 	administrator needs Modify rights to
	 Add relationships (Workstation/Server Devices, Network Devices, Licence Entitlements, Users, Sites, Cost Centers, and Departments) to contracts 	both the contract and the license entitlement.
	 Remove relationships from contracts 	
Create/Delete	Create a new contract	
	 Copy a contract to create a new contract 	
	 Move a contract to a different folder 	
	Delete a contract	
	 Create a Date Notification 	
	 Change a Date Notification 	
	 Move a Date Notification to a different folder 	
	 Delete a Date Notification 	
Modify Folders	Change a folder's description	
Create/Delete	Create a folder	To move a folder, an adminstrator
Folders	Delete a folder	must have this right and the Create/ Delete right.
	 Move a folder to another folder 	

Access to Contract Management reports is controlled through Asset Management Report Rights. For details, see Section 7.25, "Asset Management Report Rights," on page 67.

7.4 Credential Rights

The Credential Rights dialog box lets you control the operations that the selected administrator can perform to manage credentials.

- Section 7.4.1, "Contexts," on page 39
- Section 7.4.2, "Privileges," on page 39

7.4.1 Contexts

Specify the Credential folders (contexts) that you want the administrator's Credential rights to apply to. To select a folder, click Add to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click OK. The rights also apply to the folder's subfolders.

7.4.2 Privileges

The Privileges section lets you grant the selected administrator rights to create or modify credentials, groups, and folders listed in the Contexts section.

The following rights are available:

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
View Leaf	 View the contents in the specified context (folder and subfolders) 	Setting the View Leaf right to Deny forces all other Credential rights to Deny. The View Leaf right must be set to Allow to perform any other credential operations.
Modify	Rename a credential	
	 Change a credential's login name 	
	 Change a credential's password 	
	 Change a credential's description 	
Create/Delete	Create a credential	
	 Move a credential to a different folder 	
	Delete a credential	
Modify Folders	Rename a credential folder	To rename a folder, an administrator
	 Change a folder's description 	must have this right and the Modify right.
Create/Delete Folders	Create a credential folder	To move a folder, an administrator
	Delete a credential folder	must have this right and the Create/ Delete right.
	Move a credential folder to another folder	

For more information about the tasks you can perform on credentials, see "Using the Credential Vault" in the ZENworks Control Center Reference.

7.5 Deployment Rights

Deployment lets you discover network devices and deploy the ZENworks Agent to them so that they become managed devices in your Management Zone. For more information, see "ZENworks Agent Deployment" in the ZENworks Discovery, Deployment, and Retirement Reference.

The Deployment Rights dialog box lets you control the selected administrator's ability to perform deployment operations.

The following right is available:

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT NOTES
Deployment	Create a deployment task
	 Launch a deployment task
	Abort a deployment task
	Rename a deployment task
	Modify all deployment task settings
	Delete a deployment task
	Edit a deployment package
	 Import devices from a CSV file into the Deployable Devices list
	 Delete devices from the Deployable Devices list

7.6 Device Rights

The Device Rights dialog box lets you control the operations that the selected administrator can perform on devices.

- Section 7.6.1, "Contexts," on page 40
- Section 7.6.2, "Privileges," on page 41

7.6.1 Contexts

Specify the Device folders (contexts) that you want the administrator's Device rights to apply to. To select a folder, click **Add** to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click **OK**. The rights also apply to the folder's subfolders.

7.6.2 Privileges

The **Privileges** section lets you grant the selected administrator rights to work with devices, including device groups and folders listed in the Contexts section.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
View Leaf	 View the contents in the specified context (folder and subfolders) 	Setting the View Leaf right to Deny forces all other Device rights to Deny. The View Leaf right must be set to Allow to perform any other device operations.
Modify	• Retire a device	To copy device settings, the
	 Rename a device 	administrator also needs the Modify Settings right.
	 Acknowledge device messages 	3. 3.
	 Change a device to a test device 	
	Change a test device to a non-test device	
	 Copy device settings (from the Settings tab) to other devices 	
	 View and edit a device's detailed inventory (Detailed Software Hardware Inventory link on the Inventory tab) 	
Create/Delete	 Create managed devices by importing device information from a CSV file 	
	 Create managed devices by manually adding device information 	
	Delete a device	
	Move a device	
Modify Groups	Rename a device group	To change a device group's
	 Change a device group's description 	description, an administrator needs this right and the Modify right.
Create/Delete	 Create a device group 	Setting the Create/Delete Groups
Groups	 Delete a device group 	right to Allow forces the Modify Groups right to Allow. This means
	Move a device group	that an administrator who creates a group also receives rights to modify it.
Modify Group	Add devices to a device group	
Membership	Remove devices from a device group	
	Change criteria for a dynamic device group	
Modify Folders	Rename a device folder	
	 Change a device folder's description 	

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Create/Delete Folders	Create a device folder	Setting the Create/Delete Folders
	Delete a device folder	right to Allow forces the Modify Folders right to Allow. This means
	Move a device folder	that an administrator who creates a folder also receives rights to modify it.
Modify Settings	◆ Edit settings on a device's Settings tab	This right applies to devices and device folders. It does not apply to device groups because device groups do not have a Settings tab.
View Audit Log	 View a devices' Audit tab and the events logged to that tab 	This right does not allow the administrator to view event details.
	 View a device group's Audit tab and the events logged to that tab 	To view event details, the administrator must have the View Audit Event right.
	 View a device folder's Audit tab and the events logged to that tab 	Ü
View Audit Events	 View a device's Audit tab, the events logged to that tab, and the details for the events 	Allow forces the View Audit Log right
	 View a device group's Audit tab, the events logged to that tab, and the details for the events 	to Allow.
	 View a device folder's Audit tab, the events logged to that tab, and the details for the events 	
Configure Audit Settings	 Configure which events to audit for a bundle (bundle object > Settings tab > Audit Management > Events Configuration) 	
	 Configure which events to audit for a bundle group (bundle group object > Settings tab > Audit Management > Events Configuration) 	
	 Configure which events to audit for a bundle folder (bundle folder object > Settings tab > Audit Management > Events Configuration) 	
Assign Bundles	 Assign bundles to devices, device groups, and device folders 	To assign bundles to devices, groups, and folders, an administrato needs this right and the Bundle Rights – Assign Bundles right. In other words, the administrator needs
	 Assign bundle groups to devices, device groups, and device folders 	
	 Remove bundle assignments from the objects listed above 	Assign Bundle rights for the bundle and the device to which the bundle is
	 Remove bundle group assignments from the objects listed above 	being assigned.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Assign Policies	 Assign policies to devices, device groups, and device folders Assign policy groups to devices, device groups, and device folders Remove policy assignments from the objects listed above Remove policy group assignments from the objects listed above 	To assign policies to devices, groups and folders, an administrator needs the following rights: • Assign Policies (this right) • Policy Rights - Assign Policies • Policy Rights - Manage Configuration Policies or Policy Rights - Manage Security Policies
		In other words, an administrator needs Assign Policy rights for the policy and the device to which the policy is being assigned, and he needs the Manage Configuration Policies or Manage Security Policies right depending on whether the policy is a Configuration or Security policy.
Assign Locations	 Assign locations and network environments to devices and device folders Assign startup locations and network environments to devices and device folders 	This right does not apply to device groups because device groups do not have a Locations tab.
View Detailed Inventory	 View a devices detailed inventory (Detailed Software/Hardware Inventory link on Inventory tab) 	This right controls view-only access. If you want an administrator to be able to edit the detailed inventory, the administrator needs the Modify right
Manage ERI	 Download a device's ERI file View an ERI file's password Delete an ERI file 	

7.7 Discovery Rights

The Discovery Rights dialog box lets you control the selected administrator's ability to perform discovery operations.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT NOTES
Discovery	Create a discovery task
	Launch a discovery task
	Abort a discovery task
	Rename a discovery task
	 Modify all discovery task settings
	Delete a discovery task
	 Discover advertised devices (devices that have the ZENworks preagent installed, such as OEM devices or unregistered devices)
Edit Discovered Devices	 Edit the following properties for discovered devices:
	Discovered Type
	◆ Network Type
	Operating System Vendor
	Operating System Category
	Operating System Platform
	◆ Support/Service Pack

7.8 Document Rights

The Document Rights dialog box lets you control the operations that the selected administrator can perform to manage documents.

- Section 7.8.1, "Contexts," on page 44
- Section 7.8.2, "Privileges," on page 45

7.8.1 Contexts

Specify the Document folders (contexts) that you want the administrator's Document rights to apply to. To select a folder, click **Add** to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click **OK**. The rights also apply to the folder's subfolders.

7.8.2 Privileges

The **Privileges** section lets you grant the selected administrator rights to create or modify documents and their folders listed in the Contexts section.

The following rights are available:

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
View Leaf	 View the contents in the specified context (folder and subfolders) 	Setting the View Leaf right to Deny forces all other Document rights to Deny. The View Leaf right must be set to Allow to perform any other document operations.
Modify	Change a document's details:	To add and remove relationships with
	Document ID	contracts, an administrator must also have the Contract Management
	◆ Path	Rights – Modify right. In other words,
	 Source Location 	an administrator needs Modify rights to both the document and the
	◆ As-Of-Date	contract.
	 Description 	To add and remove relationships with
	 Download and open a document 	license entitlements and purchase summary records, an administrator must also have the License Management Rights – Modify right. In other words, an administrator
	 Add and remove relationships with contracts 	
	 Add and remove relationships with license entitlements 	
	 Add and remove relations with purchase summary records 	needs Modify rights to both the document and the license entitlement or purchase summary record.
Create/Delete	 Upload a new document so that it is available from the ZENworks Server 	
	 Link (hyperlink) to a new document 	
	 Move a document to a different folder 	
	 Delete a document 	
Modify Folders	Change a folder's description	
Create/Delete	Create a folder	To move a folder, an administrator
Folders	Delete a folder	must have this right and the Create/ Delete right.
	 Move a folder to another folder 	Delete fight.

7.9 Inventoried Device Rights

The Inventoried Device Rights dialog box lets you control the operations that an administrator can perform on inventoried devices.

- Section 7.9.1, "Contexts," on page 46
- Section 7.9.2, "Privileges," on page 46

7.9.1 Contexts

Specify the Inventoried Device folders (contexts) that you want the administrator's Inventoried Device rights to apply to. To select a folder, click **Add** to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click **OK**. The rights also apply to the folder's subfolders.

7.9.2 Privileges

The **Privileges** section lets you grant the selected administrator rights to work with inventoried devices, including device folders listed in the Contexts section.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
View Leaf	 View the contents in the specified context (folder and subfolders) 	Setting the View Leaf right to Deny forces all other Inventoried Device rights to Deny. The View Leaf right must be set to Allow to perform any other inventoried device operations.
Modify	• Retire an inventoried device	
	 Rename an inventoried device 	
	 Edit a device's detailed inventory (Detailed Software Hardware Inventory link on the Inventory tab) 	
Create/Delete	Create an inventoried device	To create an inventoried device, an
	 Delete an inventoried device 	administrator also requires the Device Rights – Create/Delete right
	Move an inventoried device	so that he has access to the Create Portable Client and Import Inventory tasks.
Modify Groups	◆ None	This right has no operational effect when assigned to an administrator.
Create/Delete Groups	◆ None	This right has no operational effect when assigned to an administrator.
Modify Group Membership	◆ None	This right has no operational effect when assigned to an administrator.
Modify Folders	Rename a device folder	
	 Change a device folder's description 	
Create/Delete	Create a device folder	Setting the Create/Delete Folders
Folders	Delete a device folder	right to Allow forces the Modify Folders right to Allow. This means
	Move a device folder	that an administrator who creates a folder also receives rights to modify it.
View Detailed Inventory	 View a device's detailed inventory (Detailed Software/Hardware Inventory link on Inventory tab) 	This right controls view-only access. If you want an administrator to be able to edit the detailed inventory, the administrator needs the Modify right.

7.10 LDAP Import Rights

The LDAP Import Rights dialog box lets you control the selected administrator's ability to import LDAP information.

The following right is available:

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
LDAP Import	 Create a an LDAP import task; the task imports data from an LDAP source and uses it to populate device inventory information in ZENworks Control Center 	The LDAP Import feature is located in Configuration > Asset Inventory tab > LDAP Import Tasks.
	 Rename an LDAP import task 	
	 Delete an LDAP import task 	
	 Launch an LDAP import task 	
	 Abort an LDAP import task 	
	 View results of an LDAP import task 	
	 Modify tasks settings 	

7.11 License Management Rights

The License Management Rights dialog box lets you control the operations that the selected administrator can perform to manage licenses.

- Section 7.11.1, "Contexts," on page 47
- Section 7.11.2, "Privileges," on page 47

7.11.1 Contexts

Specify the License Management folders (contexts) that you want the administrator's License Management rights to apply to. To select a folder, click Add to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click OK. The rights also apply to the folder's subfolders.

7.11.2 Privileges

The Privileges section lets you grant the administrator rights to work with the software license components associated with the contexts (folders) you selected in the Contexts section.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
View Leaf	 View the contents in the specified context (folder and subfolders) 	Setting the View Leaf right to Deny forces all other License Management rights to Deny. The View Leaf right must be set to Allow to perform any other license management operations.

RIGHT OPERATIONS CONTROLLED BY THE RIGHT NOTES

Modify

- For purchase records:
 - Change purchase record details
 - Create, edit, and delete purchase details for existing purchase records
- For catalog products:
 - Change catalog product details
 - Add a catalog product to a licensed product
 - Include or exclude a catalog product from being able to be added to a licensed product
- For licensed products:
 - Change licensed product details
 - Allocate licensed products to devices
 - Remove licensed product allocations from devices
 - · Refresh compliance status
 - Use auto-reconcile to add discovered products and catalog products to existing licensed products
- For discovered products:
 - Include or exclude a discovered product from being able to be added to a licensed product
 - Add a discovered product to a licensed product or to a software collection
 - Assign a Standards category to a discovered product
 - · Refresh compliance status
 - Change the usage period
- For software collections:
 - Change a software collection's details
 - Add discovered products to a software collection
 - Remove discovered products from a software collection

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Create/Delete	For purchase records:	
	 Create a new purchase record 	
	 Import purchase records from a file 	
	 Move a purchase record from one folder to another 	
	 Move a purchase record from one folder to another 	
	 For catalog products: 	
	 Create a new catalog product 	
	 Move a catalog product from one folder to another 	
	 Delete a catalog product 	
	• For licensed products:	
	 Create a new licensed product 	
	 Auto-reconcile to create new licensed products from discovered products 	
	 Merge two or more licensed products into one 	
	 Move a licensed product from one folder to another 	
	 Delete a licensed product 	
	 For software collections: 	
	 Create a new software collection 	
	 Move a software collection from one folder to another 	
	 Delete a software collection 	
Modify Folders	Change a folder's description	
Create/Delete	Create a folder	To move a folder, an adminstrator
Folders	Delete a folder	must have this right and the Create/
	 Move a folder to another folder 	Delete right.

Access to License Management reports is controlled through Asset Management Report Rights. For details, see Section 7.25, "Asset Management Report Rights," on page 67.

7.12 Location Rights

The Location Rights dialog box lets you control the operations that the selected administrator can perform on locations and network environments.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT NOTES
Modify	• For locations:
	• Rename a location
	 Reorder locations (move up/down)
	 Add network environments to a location
	 Remove network environments from a location
	 Reorder network environments for a location (move up/down)
	 Change a location's description
	 Configure a location's closest servers (Servers page)
	 Modify the location's settings (Settings page)
	 Change the "Duration to Honor" setting for the startup location
	• For network environments:
	 Rename a network environment
	 Change a network environment's description
	 Modify a network environment's match criteria (network services)
	 Configure a network environment's closest servers (Servers page)
	 Modify a network environment's settings (Settings page)
Create/Delete	Create a location
	Delete a location
	Create a network environment
	 Delete a network environment

7.13 Patch Management Rights - Device

Patch Management rights are configurable at two levels: zone and device. The zone-level Patch Management rights (see Section 7.14, "Patch Management Rights - Zone," on page 51) control the operations that are available on the Patch Management page and on device objects, while the device-level Patch Management rights control only the operations available on device objects.

7.13.1 Contexts

Specify the Device folders (contexts) that you want the administrator's Patch Management rights to apply to. To select a folder, click **Add** to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click **OK**. The rights also apply to the folder's subfolders.

7.13.2 Privileges

The Privileges section lets you grant the administrator rights to perform Patch Management operations associated with the contexts (folders) you selected in the Contexts section.

The following rights are available:

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Patch Deploy	Deploy a patch to a deviceDeploy a patch to a device group	An administrator must have this right and Bundle Rights for the patch bundle being deployed.
Assign a Baseline	 Assign a patch to a device group's mandatory baseline of patches 	
Remove from Baseline	 Remove a patch from a device group's mandatory baseline of patches 	
View Patch Details	 View information for a patch that is listed in a device's Patches list 	
Recalculate Baseline	 Initiate an immediate check of all devices in a device group to evaluate baseline patch compliance and apply the required baseline patches if necessary 	
Export Patch	 Export patch information to a CSV file for one or more patches selected from a device's Patches list 	

7.14 Patch Management Rights - Zone

Patch Management rights are configurable at two levels: zone and device. The zone-level Patch Management rights control the operations that are available on the Patch Management page and on device objects, while the device-level Patch Management rights (see Section 7.13, "Patch Management Rights - Device," on page 50) control only the operations available on device objects.

The following zone-level Patch Management rights are available:

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Patch Deploy	Deploy a patch to a deviceDeploy a patch to a device group	An administrator must have this right and Bundle Rights for the patch
	Deploy a patch to a device folder	bundle being deployed.
Patch Enable	Enable a patch to be deployed	
Patch Disable	Disable a patch so it can't be deployed	
Patch Update Cache	 Update a patch in the ZENworks Server cache by downloading the patch from the subscription service 	
Assign a Baseline	 Assign a patch to a device group's mandatory baseline of patches 	

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT NOT	ES
Remove from Baseline	 Remove a patch from a device group's mandatory baseline of patches 	
View Patch Details	 View information for a patch that is listed in a device's Patches list 	
Export Patch	 Export patch information to a CSV file for one or more patches selected from a device's Patches list 	
Scan Now	 Initiate a patch detection scan (DAU task) on devices 	
Remove Patch	Remove a patch from a device	
Recalculate Baseline	 Initiate an immediate check of all devices in a device group to evaluate baseline patch compliance and apply the required baseline patches if necessary 	
Configure	 Configure the Patch Management zone settings (Configuration > Management Zone Settings > Patch Management) 	
Update Dashboard	 Update the Patch Management dashboard report (Patch Management > Dashboard > Update Dashboard Report) 	
New Bundles	Create a new patch bundle	
	Delete a patch bundle	
Patch Policy	Create a patch policy	
	 Rename a patch policy 	
	 Copy a patch policy to create a new patch policy 	
	 Delete a patch policy 	
	 Assign a patch policy to devices, device groups, and device folders 	
	 Enable and disable a patch policy 	
	 Publish a patch policy 	

7.15 Policy Rights

The Policy Rights dialog box lets you control the operations that the selected administrator can perform on policies.

- Section 7.15.1, "Contexts," on page 53
- Section 7.15.2, "Privileges," on page 53

7.15.1 Contexts

Specify the Policy folders (contexts) that you want the administrator's Policy rights to apply to. To select a folder, click **Add** to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click **OK**. The rights also apply to the folder's subfolders.

7.15.2 Privileges

The Privileges section lets you grant the selected administrator rights to work with policies, including policy groups and folders listed in the Contexts section.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
View Leaf	 View the contents in the specified context (folder and subfolders) 	Setting the View Leaf right to Deny forces all other Policy rights to Deny. The View Leaf right must be set to Allow to perform any other policy operations.
		Also, if you want to provide an administrator the rights to only view the policies, then besides the View Leaf rights, enable either the Manage Configuration Policies right or the Manage Security Policies right, based on the policy type.
Modify Groups	Rename a policy group	
	 Change a policy group's description 	
Create/Delete Groups	 Create a policy group Delete a policy group Move a policy group 	Setting the Create/Delete Groups right to Allow forces the Modify Groups right to Allow. This means that an administrator who creates a group also receives rights to modify it.
Modify Group Membership	 Add policies to a group Remove policies from a group Reorder policies within a group 	In addition to this right, an administrator must also have the Manage Configuration Policies right or the Management Security policies right. For example, to add a Configuration policy to a group, an administrator
		 must have the following two rights: Modify Group Membership (this right) Manage Configuration Policies
Modify Folders	Rename a policy folder	
	 Change a policy folder's description 	

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Create/Delete Folders	Create a policy folder	Setting the Create/Delete Folders
	Delete a policy folder	right to Allow forces the Modify Folders right to Allow. This means
	Move a policy folder	that an administrator who creates a folder also receives rights to modify it.
Author	 Create a policy (Sandbox version) 	In addition to this right, an
	 For Sandbox policies: 	administrator must also have the Manage Configuration Policies right
	 Edit settings on a policy's Summary tab 	or the Management Security policies.
	 Edit settings on a policy's Requirements tab 	For example, to create a Configuration policy, an administrator must have the following two rights:
	 Edit settings on a policy's Details tab 	 Author (this right)
	 Rename a policy 	 Manage Configuration Policies
	 Move a policy 	ŭ ŭ
	 Copy system requirements from one policy to another 	
	 Delete a policy 	
	 Enable and disable a policy 	
	 Publish (copy) a policy as a new policy (Sandbox version) 	
Publish	Publish a policy as a new version	Setting the Publish right to Allow
	 Edit settings on a policy's Summary tab 	forces the Author right to Allow. This means that an administrator who has
	 Edit settings on a policy's Requirements tab 	rights to publish policies also has
	 Edit settings on a policy's Details tab 	rights to author policies.
	• Rename a policy	In addition to this right, an administrator must also have the
	 Move a policy 	Manage Configuration Policies right
	 Copy system requirements from one policy to another 	or the Management Security policies For example, to publish a Security policy, an administrator must have
	Delete a policy	
	 Enable and disable a policy 	the following two rights:
	 Publish (copy) a policy as a new policy (Sandbox version) 	Publish (this right)Manage Security Policies

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Assign Policies	 Assign policies to devices, device groups, and device folders Assign policy groups to devices, device groups, and device folders Assign policies to users, user groups, and user folders Assign policy groups to users, user groups, and user folders Remove policy assignments from the objects listed above Remove policy group assignments from the objects listed above 	In addition to this right, an administrator must also have the Manage Configuration Policies right or the Management Security policies right and the Device Rights - Assign Policies right or User Rights - Assign Policies right. For example, to assign a Security policy to a device, an administrator must have the following two rights: • Assign Policies (this right) • Manage Security Policies • Device Rights - Assign Policies (for the target device)
Manage Configuration Policies	 Access to Windows, Mobile and Linux Configuration policies 	This right enables the Author, Publish, Modify Group Membership, and Assign Policies rights to apply to Windows and Linux Configuration policies. Configuration policies are provided by ZENworks Configuration Management and include the Windows Configuration policies (Browser Bookmarks policy, Dynamic Local User policy, Local File Rights policy, Printer policy, Remote Management policy, Roaming Profile policy, SNMP policy, Windows Group policy, and ZENworks Explorer Configuration policy), Linux Configuration policies (External Services policy and Puppet policy) and all Mobile policies (Mobile Compliance Policy, Mobile Enrollment policy and so on).
Manage Security Policies	 Access to Windows Security policies (including the Full Disk Encryption policy) 	This right enables the Author, Publish, Modify Group Membership, and Assign Policies rights to apply to Windows Security policies.
View Audit Log	 View a policy's Audit tab and the events logged to that tab View a policy group's Audit tab and the events logged to that tab View a policy folder's Audit tab and the events logged to that tab 	This right does not allow the administrator to view event details. To view event details, the administrator must have the View Audit Event right.

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the events b, the events tails for the Allow forces the View Audit Log right to Allow.
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t

7.16 Quick Task Rights

Quick Tasks are tasks that appear in ZENworks Control Center task lists (for example, Server Tasks, Workstation Tasks, Bundles Tasks, and so forth). When you click a task, either a wizard launches to step you through the task or a dialog box appears in which you enter information to complete the task.

The Quick Tasks Rights dialog box lets you control the selected administrator's ability to perform specific quick tasks.

- Section 7.16.1, "Contexts," on page 56
- Section 7.16.2, "Privileges," on page 56

7.16.1 Contexts

Specify the Device folders (contexts) that you want the administrator's Quick Task rights to apply to. To select a folder, click **Add** to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click **OK**. The rights also apply to the folder's subfolders.

7.16.2 Privileges

The **Privileges** section lets you control the selected administrator's rights to perform quick tasks associated with the contexts (folders) you selected in the Contexts section.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Shutdown/Reboot/	Reboot Shutdown Devices quick task	
Wake Up Device	 Intel AMT Power Management quick task 	
	Wake Up quick task	
Execute Processes	Launch Application quick task	
	 Run Script quick task 	
	 Launch Java Application quick task 	
Refresh ZENworks Agent Devices	Refresh Device quick task	
	 Refresh Policies quick task 	
Reset Devices	Reset a Windows managed device	

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Verify Last Update	Revert the device back to the last successful update state	
Unenroll Device	Unenroll a mobile device by either retiring the device or deleting the device from the management zone	
Send Message	Send a text message to the mobile device.	
Lock Device	Lock a lost or stolen mobile device.	
Unlock Device	Unlock a mobile device by clearing the passcode restriction.	
Install/Launch Bundles	 Install Bundle quick task Launch Bundle quick task Verify Bundle quick task Uninstall Bundle quick task Distribute Bundle Now quick task 	
Inventory	Inventory Scan quick taskInventory Wizard quick task	
Apply Image	 Apply Assigned Imaging Bundle (Action menu) Apply Rule-Based Imaging Bundle (Action menu) 	
Take Image	Take an image (Action menu)	
Manage Endpoint Security Settings and Task	 Clear ZESM User Defined Password quick task Clear ZESM Local Client Self Defense Settings quick task Clear ZESM Local Firewall Registration Settings quick task 	
	 FDE – Decommission Full Disk Encryption quick task FDE – Enable Additive User Capturing quick 	
	task ◆ FDE – Force Device to Send ERI File to Server quick task	
	 FDE – Update PBA User quick task 	

7.17 Remote Management Rights

The Remote Management Rights dialog box lets you control the operations that the selected administrator can perform on remote devices.

- Section 7.17.1, "Contexts," on page 58
- Section 7.17.2, "Privileges," on page 58

7.17.1 Contexts

Specify the Device folders or User folders (contexts) that you want the administrator's Remote Management rights to apply to. To select a folder, click **Add** to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click **OK**. The rights also apply to the folder's subfolders.

7.17.2 Privileges

The Privileges section lets you grant the administrator rights to perform remote operations for devices and users located within the contexts (folders) you selected in the Contexts section.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Remote Control	◆ Control a remote device	Setting the Remote Control right to Allow forces the Remote View and Transfer Files rights to Allow. This means that an administrator who can remotely control a device can also remotely view the device and transfer files to and from the device.
Remote View	 View a remote device's desktop 	
Transfer Files	Transfer files to/from a remote device	
	 Create folders on a remote device 	
	 Create folders on a remote device 	
	Delete files and folders on a remote device	
Remote Execute	 Run executable files with system privileges on a remote device. 	Granting Remote Execute rights allows an administrator to execute processes in the system space.
Remote Diagnostics	 Run the following diagnostic tools on a remote device: 	To configure other diagnostic tools to run on a remote device, an
	 System Information (msinfo32.exe) 	administrator must have the Zone Rights – Modify Rights setting.
	 Computer Management (compmgmt.msc) 	ragino inicany ragino colang.
	 Services (services.msc) 	
	 Registry Editor (regedit.exe) 	
	 Run other administrator-configured diagnostic tools on a remote device 	
Unblock Remote Management Service	 Reset (unblock) the remote management connection to a device 	

7.18 Subscription Rights

The Subscription Rights dialog box lets you control the selected administrator's rights to create and delete subscriptions.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Modify	• Rename a subscription	
	• Enable a subscription	
	Disable a subscription	
	 Edit all subscription details on the Summary page with the following exceptions: 	
	 Cannot initiate (Run Now) a subscription replication 	
	 Cannot change the subscription replication schedule 	
	 Add and remove subscription catalogs 	
	 Modify existing subscription catalogs 	
Create/Delete	Create a new subscription	Setting the Create/Delete right to
	Delete a subscription	Allow forces the Modify right to Allow. In other words, an administrator who
	 Copy a subscription to create a new subscription 	creates a subscription automatically receives rights to modify it.
	Move a subscription to a different folder	
Modify Folders	Rename a subscription folder	
	 Change a subscription folder's description 	
Create/Delete	Create a subscription folder	Setting the Create/Delete Folders
Folders	Delete a subscription folder	right to Allow forces the Modify Folders right to Allow. In other words,
	 Move a subscription folder 	an administrator who creates a folder automatically receives rights to modify it.
Run Now	 Initiate (Run Now) replication for a subscription 	The Run Now right allows an administrator to run a subscription.
	 Change the subscription replication schedule 	When the subscription runs, it can create bundles, bundle groups and bundle folders. The administrator does not require any separate bundle rights.
Modify Settings	 Edit settings on the subscription's Settings tab 	
View Audit Log	 View a subscription's Audit tab and the events logged to that tab 	This right does not allow the administrator to view event details.
	 View a subscription folder's Audit tab and the events logged to that tab 	To view event details, the administrator must have the View Audit Event right.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
View Audit Events	 View a subscription's Audit tab, the events logged to that tab, and the details for the events 	Setting the View Audit Events right to Allow forces the View Audit Log right to Allow.
	 View a subscription folder's Audit tab, the events logged to that tab, and the details for the events 	

7.19 System Update Rights

The System Updates Rights dialog box lets you allow or deny the administrator the rights to authorize any downloaded update and also the right to deploy the authorized update to devices. The deploy options are available only if the updates are authorized.

7.19.1 Privileges

The Privileges section lets you grant the selected administrator rights to authorize and deploy updates to devices.

The following rights are available:

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Authorize Update (APRU)	Authorize system updates to be deployed	
Deploy Update	Deploy a system update to devices	In addition to this right, an administrator must also have View Leaf rights for the target devices.
(APLU)	 Schedule deployments 	
	 Cancel deployments 	
	 Create, modify, reorder, and delete stages (also requires View Leaf rights to all devices in zone) 	
Configure Updates (CNFU)	Allow or deny the administrator the right to configure the system update. Administrators can configure the system update before deploying.	

7.20 User Rights

The User Rights dialog box lets you control the operations that the selected administrator can perform on users.

- Section 7.20.1, "Contexts," on page 60
- Section 7.20.2, "Privileges," on page 61

7.20.1 Contexts

Specify the User folders (contexts) that you want the administrator's User rights to apply to. To select a folder, click **Add** to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click **OK**. The rights also apply to the folder's subfolders.

7.20.2 Privileges

The Privileges section lets you grant the selected administrator rights to work with users and folders listed in the Contexts section.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
View Leaf	 View the contents in the specified context (folder and subfolders) 	Setting the View Leaf right to Deny forces all other User rights to Deny. The View Leaf right must be set to Allow to perform any other user operations.
Modify	Rename a user container	
	 Change a user to a test user 	
	 Change a test user to a non-test user 	
Modify ZENworks Group Membership	 Add users to a ZENworks user group Remove users from a ZENworks user group 	In addition to this right, an administrator must also have the ZENworks User Group Rights - Modify ZENworks Group Membership right for the ZENworks user group whose membership is being modified.
		For example, to add a user to ZENUSERGROUP1, an administrator must have these two rights:
		 Modify ZENworks Group Membership (this right)
		 ZENworks User Group Rights - Modify ZENworks Group Membership right for ZENUSERGROUP1
View Audit Log	View a user's Audit tab and the events logged to that tab	In addition to this right, an administrator must have the User
	 View a user group's Audit tab and the events logged to that tab 	Source Rights - View Audit Log right for the user sources containing the target contexts.
	 View a user folder's Audit tab and the events logged to that tab 	This right does not allow the administrator to view event details. To view event details, the administrator must have the View Audit Event right.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
View Audit Events	 View a user's Audit tab, the events logged to that tab, and the details for the events 	administrator must have the User
	 View a user group's Audit tab, the events logged to that tab, and the details for the events 	Source Rights - View Audit Event right for the user sources containing the target contexts.
	 View a user folder's Audit tab, the events logged to that tab, and the details for the events 	Setting the View Audit Events right to Allow forces the View Audit Log right to Allow.
Assign Bundles	 Assign bundles to users, user groups, and user folders 	To assign bundles to users, groups, and folders, an administrator needs
	 Assign bundle groups to users, user groups, and user folders 	this right and the Bundle Rights – Assign Bundles right. In other words, the administrator needs Assign
	 Remove bundle assignments from users, user groups, and user folders 	Bundles rights for the bundle and thuser to which the bundle is being
	 Remove bundle group assignments from users, user groups, and user folders 	assigned.
Assign Policies	 Assign policies to users, user groups, and user folders 	To assign policies to users, groups, and folders, an administrator needs
	 Assign policy groups to users, user groups, and user folders 	this right and the Policy Rights – Assign Policies right and the Policy Rights - Manage Configuration
	 Remove policy assignments from users, user groups, and user folders 	Policies or Policy Rights - Manage Security Policies right.
	 Remove policy group assignments from users, user groups, and user folders 	For example, to assign a Security policy to a user, an administrator must have the following three rights:
		 Assign Policies (this right)
		 Policy Rights - Assign Policies
		 Policy Rights - Manage Security Policies

7.21 User Source Rights

The User Source Rights dialog box lets you grant Audit-related rights to the selected user sources.

- Section 7.21.1, "Contexts," on page 62
- Section 7.21.2, "Privileges," on page 63

7.21.1 Contexts

Specify the User Source folders (contexts) that you want the administrator's User Source rights to apply to. To select a folder, click **Add** to display the Contexts dialog box, browse for and select the folder (or multiple folders), then click **OK**. The rights also apply to the folder's subfolders.

7.21.2 Privileges

The Privileges section lets you grant the selected administrator rights to work with users and folders listed in the Contexts section.

The following rights are available:

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
View Audit Log	 View a user source's Audit tab and the events logged to that tab 	This right does not allow the administrator to view event details. To view event details, the administrator must have the View Audit Event right.
View Audit Events	 View a user source's tab, the events logged to that tab, and the details for the events 	Setting the View Audit Events right to Allow forces the View Audit Log right to Allow.

7.22 ZENworks User Group Rights

The ZENworks User Group Rights dialog box lets you control the selected administrator's rights to create, delete, or modify ZENworks user groups.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Modify Groups	 Rename a ZENworks user group Change a ZENworks user group's description 	
Create/Delete Groups	 Create a ZENworks user group Delete a ZENworks user group 	Setting the Create/Delete Groups right to Allow forces the Modify Groups right to Allow. In other words, an administrator who creates a group automatically receives rights to modify it.
Modify ZENworks Group Membership	 Add users to a ZENworks user group Remove users from a ZENworks user group 	In addition to this right, an administrator must also have the User Rights - Modify ZENworks Group Membership right for the users being added to or removed from the group.
		For example, to add USER1 to ZENUSERGROUP1, an administrator must have these two rights:
		 Modify ZENworks Group Membership (this right) for ZENUSERGROUP1
		 User Rights - Modify ZENworks Group Membership right for USER1

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
View Audit Log	 View a ZENworks user group's Audit tab and the events logged to that tab 	This right does not allow the administrator to view event details. To view event details, the administrator must have the View Audit Event right.
View Audit Events	 View a ZENworks user group's Audit tab, the events logged to that tab, and the details for the events 	Setting the View Audit Events right to Allow forces the View Audit Log right to Allow.
Assign Bundles	 Assign bundles to a ZENworks user group Assign bundle groups to a ZENworks user group Remove bundle assignments from a ZENworks user group Remove bundle group assignments from a ZENworks user group 	To assign bundles to a ZENworks user group, an administrator needs this right and the Bundle Rights – Assign Bundles right. In other words, the administrator needs Assign Bundles rights for the bundle and the ZENworks user group to which the bundle is being assigned.
Assign Policies	 Assign policies to a ZENworks user group Assign policy groups to a ZENworks user group Remove policy assignments from a ZENworks user group Remove policy group assignments from a ZENworks user group 	To assign policies to a ZENworks user group, an administrator needs this right and the Policy Rights – Assign Policies right and the Policy Rights - Manage Configuration Policies or Policy Rights - Manage Security Policies right. For example, to assign a Security policy to a ZENworks user group, an administrator must have the following three rights: Assign Policies (this right) Policy Rights - Assign Policies Policy Rights - Manage Security Policies

7.23 Zone Rights

The Zone Rights dialog box lets you control the administrator's rights to configure settings in your ZENworks Management Zone.

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Modify User Sources	 Change the following settings for a user source: 	A user source is an LDAP directory that contains users that you want to
	 Username and Password 	reference in your ZENworks Management Zone. User containers
	 Authentication Mechanisms 	are the LDAP contexts in which
	Use SSL	users are located.
	Root Context	
	 Description 	
	 Add a user container from a source 	
	• Remove a user container from a source	
	Rename a user container	
	 Replace a user container's context with another context from the user source 	
	 Add a connection to a user source 	
	 Edit a connection's details (name, address, port) 	
	 Remove a connection to a user source 	
Create/Delete User	Create a user source	Setting the Create/Delete User
Sources	Delete a user source	Sources right to Allow forces the Modify User Sources right to Allow. In other words, an administrator who creates a user source automatically receives rights to modify it.
Modify Settings	 Configure Management Zone settings (Configuration > Management Zone Settings) 	
Modify Zone Infrastructure	 Specify what content is hosted on a device (ZENworks Primary Server or Satellite) 	
	 Move a device in the server hierarchy 	
	 Designate a workstation as a Satellite 	
	Configure a Satellite	
	Remove a workstation as a Satellite	

RIGHT	OPERATIONS CONTROLLED BY THE RIGHT	NOTES
Configure	Create a registration key	
Registration	Edit a registration key	
	Delete a registration key	
	 Rename a registration key 	
	 Create folders for registration keys 	
	 Move a registration key from one folder to another 	
	 Copy a registration key to create a new registration key 	
	Create a registration rule	
	Edit a registration rule	
	Delete a registration rule	
Create/Delete Local Products	 Create local software product definitions from device inventory 	
	 Add local software product definitions into the ZENworks Knowledgebase 	
	Delete local software product definitions	
	Delete local software product definitions	
Manage FDE PBA Override	 Generate response sequences for overriding the ZENworks PBA used with ZENworks Full Disk Encryption 	
View Audit Dashboard	 View the Zone Audit Dashboard and the events logged to the dashboard 	This right does not allow the administrator to view event details. To view event details, the administrator must have the View Audit Event right.
View Audit Events	 View the Zone Audit Dashboard, the events logged to the dashboard, and the details for the events 	Setting the View Audit Events right to Allow forces the View Audit Log right to Allow.
Configure Audit Settings	 Configure the Audit settings (Events Configuration, Local Audit Logging, and Audit Purge Schedule) for the zone 	The Audit settings are under the Configuration tab > Zone Management Settings > Audit Management.
Delete News Alerts	Delete ZENworks news alerts	
Update News Alerts	 Generate response sequences for overriding the ZENworks PBA used with ZENworks Full Disk Encryption 	

7.24 Inventory Report Rights

The Inventory Report Rights panel allows you to control an administrator's rights to edit and run the standard and custom inventory reports.

Each report folder has rights associated with it, governing all the reports within that folder. For example, if you have full rights to a report folder, you can edit a report; but with view/execute rights, you can only see the report and run it. With inventory report rights, you can limit who has access to certain reports and who can edit them. The report folder type, custom or standard, and the report name are listed along with the rights associated with the folder. The choices are Remove All Rights, Assign View/Execute Rights, and Assign Full Rights.

7.24.1 Available Tasks

You can perform the following tasks:

Task	Steps	Additional Details
Remove all rights	 Select the report folder. Click Edit > Remove All Rights. 	This removes all rights to the folder, so the specified administrator cannot see it.
Assign view/execute rights	 Select the report folder. Click Edit > Assign View/ Execute Rights. 	This allows the specified administrator to view and execute a report in the specified folder, but not to edit, move, or delete a report in that folder.
Assign full rights	 Select the report folder. Click Edit > Assign Full Rights. 	This gives the specified administrator full rights to create, edit, move, and delete reports. For standard reports, this setting is the same as View/Execute, because you cannot alter a standard report.

For more information on Inventory Report Rights, see "Inventory Report Rights" in the *ZENworks Asset Inventory Reference*.

7.25 Asset Management Report Rights

The Asset Management Report Rights panel allows you to control an administrator's rights to edit and run the standard and custom Asset Management reports.

Each report folder has rights associated with it, governing all the reports within that folder. For example, if you have full rights, you can edit a report; but with view/execute rights, you can only see the report and run it. With asset management report rights, you can limit who has access to certain reports and who can edit them. The report folder type, custom or standard, and the report name are listed along with the rights associated with the folder. The choices are Remove All Rights, Assign View/Execute Rights, and Assign Full Rights.

7.25.1 Available Tasks

You can perform the following tasks:

Task	Steps	Additional Details
Remove all rights	 Select the report folder. Click Edit > Remove All Rights. 	This removes all rights to the folder, so the specified administrator cannot see it.
Assign view/execute rights	 Select the report folder. Click Edit > Assign View/ Execute Rights. 	This allows the specified administrator to view and execute a report in the specified folder, but not to edit, move, or delete a report in that folder.
Assign full rights	 Select the report folder. Click Edit > Assign Full Rights. 	This gives the specified administrator full rights to create, edit, move, and delete reports. For standard reports, this setting is the same as View/Execute, because you cannot alter a standard report.

For information on Configuring Asset Management Report Rights, see "Configuring Report Rights" in the ZENworks Asset Management Reference.