

ZENworks. 2020 Administrator Accounts and Rights Reference

October 2019

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Contents

| | Abo | ut This Gu | ide | 7 |
|---|-----|-------------------|---|----|
| 1 | Ove | rview | | 9 |
| | 1.1 | Administrat | ors | 9 |
| | 1.2 | Administrat | or Groups | 9 |
| | 1.3 | Roles | | 10 |
| | 1.4 | • | | |
| | 1.5 | Rights Assi | gnments and Conflict Resolution | 11 |
| 2 | Bes | t Practices | | 13 |
| 3 | Man | aging Adn | ninistrator Accounts | 15 |
| | 3.1 | Creating Ac | Iministrators | 15 |
| | 3.2 | 0 | Iministrators | |
| | 3.3 | Renaming / | Administrators | 16 |
| | 3.4 | - | or Administrators | |
| | | 3.4.1 Cl | earing the Search Result | 17 |
| | 3.5 | Changing A | dministrator Passwords | 17 |
| | | | nanging Your Own Administrator Password | |
| | | 3.5.2 Cł | nanging Another Administrator's Password | 17 |
| 4 | Man | aging Adm | ninistrator Groups | 19 |
| | 4.1 | Creating Ac | Iministrator Groups | 19 |
| | 4.2 | Creating Ac | Iministrator Accounts for Members of User Source Administrator Groups | 20 |
| | 4.3 | Modifying tl | he Membership of ZENworks Administrator Groups | 20 |
| | 4.4 | Deleting Ad | Iministrator Groups | 20 |
| | 4.5 | Renaming <i>i</i> | Administrator Groups | 21 |
| 5 | Man | aging Adn | ninistrator Roles | 23 |
| | 5.1 | Creating Ro | bles | 23 |
| | 5.2 | 0 | Roles | |
| | | ••• | signing Roles to an Administrator or Administrator Group | |
| | | | ssigning Administrators and Administrator Groups to a Role | |
| | 5.3 | | Roles | |
| | 5.4 | • | Roles | |
| | 5.5 | Deleting Ro | bles | 26 |
| 6 | Ass | igning Rig | hts | 27 |
| | 6.1 | Assigning F | Rights | 27 |
| | | | ssigning Super Administrator Rights | |
| | | 6.1.2 As | ssigning Rights to Administrators and Administrator Groups | 27 |
| | | | ssigning Rights to Administrator Roles | |
| | | 6.1.4 As | ssigning Inventory Report Rights to Administrators and Administrator Groups | 29 |

| | | 6.1.5 Assigning Asset Management Report Rights to Administrators and Administrator | 20 |
|---|------|--|------|
| | 6.2 | Groups | |
| | 0.2 | Modifying Assigned Rights | |
| | | 6.2.1 Modifying Assigned Rights for Administrators and Administrator Groups 6.2.2 Modifying Assigned Rights for Administrator Roles | |
| | | 6.2.2 Modifying Assigned Rights for Administrator Roles 6.2.3 Modifying Inventory Report Rights for Administrators and Administrator Groups | |
| | | 6.2.4 Modifying Asset Management Report Rights for Administrators and Administrator | |
| | 6.3 | Groups | |
| | 0.5 | | . 52 |
| 7 | Righ | s Descriptions | 33 |
| | 7.1 | Administrator Rights | |
| | 7.2 | Apple DEP Device Rights. | |
| | | 7.2.1 Contexts | |
| | | 7.2.2 Privileges | |
| | 7.3 | Bundle Rights | |
| | | 7.3.1 Contexts | |
| | 74 | 7.3.2 Privileges | |
| | 7.4 | Contract Management Rights | |
| | | 7.4.1 Contexts. 7.4.2 Privileges. | |
| | 7.5 | Credential Rights | |
| | 7.0 | 7.5.1 Contexts | |
| | | 7.5.2 Privileges | |
| | 7.6 | Deployment Rights. | |
| | 7.7 | Device Rights | |
| | | 7.7.1 Contexts | |
| | | 7.7.2 Privileges | |
| | 7.8 | Discovery Rights | 44 |
| | 7.9 | Document Rights | 45 |
| | | 7.9.1 Contexts | 45 |
| | | 7.9.2 Privileges | 46 |
| | 7.10 | Inventoried Device Rights | |
| | | 7.10.1 Contexts | |
| | | 7.10.2 Privileges | |
| | 7.11 | LDAP Import Rights | |
| | 7.12 | License Management Rights | |
| | | 7.12.1 Contexts | - |
| | 7.13 | 7.12.2 Privileges | |
| | | - | |
| | 7.14 | Patch Rights - Device | |
| | | 7.14.1 Patch Rights - Device 7.14.2 Quick Task Rights | |
| | 7.15 | Patch Rights - Zone | |
| | 7.16 | Policy Rights | |
| | | 7.16.1 Contexts | |
| | | 7.16.2 Privileges | |
| | 7.17 | Quick Task Rights. | |
| | | 7.17.1 Contexts | |
| | | 7.17.2 Privileges | |
| | 7.18 | Remote Management Rights | 60 |
| | | 7.18.1 Contexts | |
| | | 7.18.2 Privileges | |
| | 7.19 | Subscription Rights | |
| | 7.20 | Sharing Rights | |
| | | 7.20.1 Contexts | 63 |

| | 7.20.2 Privileges | 63 |
|------|--------------------------------|----|
| 7.21 | System Update Rights | 64 |
| | 7.21.1 Privileges | 64 |
| 7.22 | User Rights | 64 |
| | 7.22.1 Contexts | 64 |
| | 7.22.2 Privileges | 65 |
| 7.23 | User Source Rights | 66 |
| | 7.23.1 Contexts | |
| | 7.23.2 Privileges | 67 |
| 7.24 | ZENworks User Group Rights | 67 |
| 7.25 | Zone Rights | 69 |
| 7.26 | Inventory Report Rights | 71 |
| | 7.26.1 Available Tasks | 71 |
| 7.27 | Asset Management Report Rights | 72 |
| | 7.27.1 Available Tasks | 72 |

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).

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.

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 $/ \uparrow ?$: " $< > \mid \ \% \sim$. 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

Si con located 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 Si 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.

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.

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 $/ \cdot ?$: "' <> |` % ~. 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.

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 7.26, "Inventory Report Rights," on page 71.

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 7.27, "Asset Management Report Rights," on page 72.

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 7.26, "Inventory Report Rights," on page 71.

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 7.27, "Asset Management Report Rights," on page 72.

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, "Apple DEP Device Rights," on page 34
- Section 7.3, "Bundle Rights," on page 35
- Section 7.4, "Contract Management Rights," on page 38
- Section 7.5, "Credential Rights," on page 39
- Section 7.6, "Deployment Rights," on page 40
- Section 7.7, "Device Rights," on page 41
- Section 7.8, "Discovery Rights," on page 44
- Section 7.9, "Document Rights," on page 45
- Section 7.10, "Inventoried Device Rights," on page 46
- Section 7.11, "LDAP Import Rights," on page 48
- Section 7.12, "License Management Rights," on page 48
- Section 7.13, "Location Rights," on page 51
- Section 7.14, "Patch Rights Device," on page 52
- Section 7.15, "Patch Rights Zone," on page 54
- Section 7.16, "Policy Rights," on page 55
- Section 7.17, "Quick Task Rights," on page 59
- Section 7.18, "Remote Management Rights," on page 60
- Section 7.19, "Subscription Rights," on page 62
- Section 7.20, "Sharing Rights," on page 63
- Section 7.21, "System Update Rights," on page 64
- Section 7.22, "User Rights," on page 64
- Section 7.23, "User Source Rights," on page 66
- Section 7.24, "ZENworks User Group Rights," on page 67
- Section 7.25, "Zone Rights," on page 69
- Section 7.26, "Inventory Report Rights," on page 71
- Section 7.27, "Asset Management Report Rights," on page 72

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 mus |
| | 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. To view event details, the administrator must have the View Audit Event right. |
| | View an administrator group's Audit tab and the events logged to that tab | |
| 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 Apple DEP Device Rights

The Apple DEP Device Rights dialog box lets you modify the rights associated with the folder containing Apple DEP devices.

- Section 7.2.1, "Contexts," on page 35
- Section 7.2.2, "Privileges," on page 35

7.2.1 Contexts

Specify the folders (contexts) that contains the DEP devices for which you want to assign rights. 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 DEP device folders listed in the Contexts section.

The following rights are available:

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|-----------------|---|-------|
| Modify Settings | Modify the DEP Device Profile Settings. | |
| Modify | Add or modify the assigned user. | |

7.3 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

7.3.1 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.

7.3.2 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 | |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|----------------------------|--|--|
| Create/Delete Groups | Create a bundle group Delete a bundle group Move a bundle 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 bundles to a group Remove bundles from a group Reorder bundles within a group | |
| Modify Folders | Rename a bundle folder Change a bundle folder's description | |
| Create/Delete Folders | Create a bundle folder Delete a bundle folder Move a bundle folder | Setting the Create/Delete Folders right to Allow forces the Modify Folders right to Allow. This means that an administrator who creates a folder also receives rights to modify it. |
| 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 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 | |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|-----------------|---|---|
| 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. |
| 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, | being assigned. |
| | and user folders Remove bundle assignments from the objects listed above | To assign bundles to users, groups, 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 the events logged to that tab | · · · · · · · · · · · · · · · · · · · |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|-------------------|---|--|
| 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 to Allow. |
| | View a bundle group's Audit tab, the events logged to that tab, and the details for the events | |
| | View a bundle folder's Audit tab, the events logged to that tab, and the details for the events | |

7.4 Contract Management Rights

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

- Section 7.4.1, "Contexts," on page 38
- Section 7.4.2, "Privileges," on page 38

7.4.1 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.

7.4.2 Privileges

The **Privileges** section lets you grant the selected administrator rights to contracts 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 Contract Management rights to Deny. The View Leaf right must be set to Allow to perform any other contract management operations. |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|--------------------------|---|---|
| Modify | Change contract details, with the following exceptions: | To add or remove a license entitlement relationship, an |
| | Date Notification changes also require Create/Delete rights | administrator must have this right and the License Management Rights – Modify right. In other words, an administrator needs Modify rights to |
| | Change default Date Notification settings | |
| | 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 Folders | Create a folder | To move a folder, an adminstrator |
| | 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 7.27, "Asset Management Report Rights," on page 72.

7.5 Credential Rights

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

- Section 7.5.1, "Contexts," on page 39
- Section 7.5.2, "Privileges," on page 40

7.5.1 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.

7.5.2 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 right. | 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*.

7.6 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 |

7.7 Device Rights

The Device Rights dialog box lets you control the operations that the selected administrator can perform on devices. For more information on quick task rights, see Quick Task Rights.

- Section 7.7.1, "Contexts," on page 41
- Section 7.7.2, "Privileges," on page 41

7.7.1 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.

7.7.2 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. |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|---|--|---|
| Modify | Retire a device | To copy device settings, the |
| | Rename a device | administrator also needs the Modify Settings right. |
| | Acknowledge device messages | |
| | 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 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. |
| Modify Groups | Rename a device group | To change a device group's |
| Change a device group's description | 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 Dynamic Group | Modify dynamic group | |
| 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. |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|-----------------------------|--|--|
| 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 | J. J |
| View Audit Events | View a device'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 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 administrator |
| | Assign bundle groups to devices, device groups, and device folders | needs this right and the Bundle Rights – Assign Bundles right. In other words, the administrator needs Assign Bundle rights for the bundle and the device to which the bundle is |
| | Remove bundle assignments from the objects listed above | |
| | Remove bundle group assignments from the objects listed above | being assigned. |
| 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. |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|-------------------------------------|---|--|
| Assign Policies | and device folders and | To assign policies to devices, groups, and folders, an administrator needs the following rights: |
| | Assign policy groups to devices, device groups, and device folders | Assign Policies (this right) |
| | Remove policy assignments from the objects listed above | Policy Rights - Assign Policies |
| | Remove policy group assignments from the objects listed above | 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. |
| Geolocation | Locate an iOS or Android device | |
| View Activation Lock Bypass Code | View Activation Lock Bypass Code | |
| Assign Locations | Assign locations and network environments to devices and device folders | This right does not apply to device groups because device groups do |
| | Assign startup locations and network environments to devices and device folders | not have a Locations tab. |
| Manage ERI | Download a device's ERI file | |
| | View an ERI file's password | |
| | Delete an ERI file | |

7.8 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 |

7.9 Document Rights

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

- Section 7.9.1, "Contexts," on page 45
- Section 7.9.2, "Privileges," on page 46

7.9.1 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.

7.9.2 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: Document ID Path Source Location | To add and remove relationships with contracts, an administrator must also have the Contract Management Rights – Modify right. In other words, an administrator needs Modify rights to both the document and the |
| | As-Of-Date | contract. |
| Create/Delete | Description Download and open a document Add and remove relationships with contracts Add and remove relationships with license entitlements Add and remove relations with purchase summary records 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 | To add and remove relationships with license entitlements and purchase summary records, an administrator must also have the License Management Rights – Modify right. In other words, an administrator needs Modify rights to both the document and the license entitlement or purchase summary record. |
| | Delete a document | |
| Modify Folders | Change a folder's description | |
| Create/Delete Folders | Create a folder Delete a folder Move a folder to another folder | To move a folder, an administrator must have this right and the Create/ Delete right. |

7.10 Inventoried Device Rights

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

- Section 7.10.1, "Contexts," on page 47
- Section 7.10.2, "Privileges," on page 47

7.10.1 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.

7.10.2 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. |

7.11 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 | |
| View Audit Log | View a specific context'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 specific context'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 righ to Allow. |

7.12 License Management Rights

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

- Section 7.12.1, "Contexts," on page 48
- Section 7.12.2, "Privileges," on page 49

7.12.1 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.

7.12.2 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/ Delete right. |
| | Move a folder to another folder | |

Access to License Management reports is controlled through Asset Management Report Rights. For details, see Section 7.27, "Asset Management Report Rights," on page 72.

7.13 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 |

7.14 Patch Rights - Device

Patch Management rights are configurable at two levels: zone and device. The zone-level Patch Management rights (see Section 7.15, "Patch Rights - Zone," on page 54) 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.

7.14.1 Patch Rights - Device

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.

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. |
| 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 | |

7.14.2 Quick Task Rights

The Quick Tasks Rights dialog box lets you select folders containing devices, then modify the Quick Task rights associated with those folders.

Quick Tasks are tasks that appear in the 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.

You can use the Quick Tasks Rights dialog box to allow or deny the use of Quick Tasks for the selected administrator.

Contexts

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.

Privileges

The **Privileges** section lets you grant the administrator rights to modify the Quick Task rights associated with the contexts (folders) you selected in the Contexts section.

The following rights are available:

- **Patch Scan (PS):** Specify whether the administrator can use the Quick Task to perform a patch scan on devices.
- Patch Quarantine Release (PQR): Allow or deny the administrator the rights necessary to use the Quick Task to release quarantined patches.

7.15 Patch 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 7.14, "Patch Rights - Device," on page 52) control only the operations available on device objects.

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|--------------------|--|--|
| Patch Deploy | Deploy a patch to a device Deploy a patch to a device group Deploy a patch to a device folder | An administrator must have this right and Bundle Rights for the patch 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 | |
| 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 | |
| Remove Patch | Remove a patch from a device | |
| Configure | Configure the Patch Management zone settings (Configuration > Management Zone Settings > Patch Management) | |
| View Dashboard | View the Patch Management dashboard | |
| New Bundles | Create a new patch bundleDelete a patch bundle | |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT NOTES | |
|--------------|---|--|
| 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 | |

7.16 Policy Rights

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

- Section 7.16.1, "Contexts," on page 55
- Section 7.16.2, "Privileges," on page 55

7.16.1 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.

7.16.2 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. |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|----------------|---|---|
| Modify Groups | Rename a policy group | |
| | Change a policy group's description | |
| Create/Delete | Create a policy group | Setting the Create/Delete Groups |
| Groups | Delete a policy group | right to Allow forces the Modify Groups right to Allow. This means |
| | Move a policy group | that an administrator who creates a group also receives rights to modify it. |
| Modify Group | Add policies to a group | In addition to this right, an |
| Membership | Remove policies from a group | administrator must also have the Manage Configuration Policies right |
| | Reorder policies within a group | 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 | |
| Create/Delete | Create a policy folder | Setting the Create/Delete Folders |
| 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 | or the Management Security policies. |
| | tab | For example, to create a |
| | Edit settings on a policy's Requirements tab | 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 | Manago Configuration i offoloo |
| | 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) | |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|-----------------|--|---|
| 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 | the following two rights: |
| | Enable and disable a policy | Dublish (this right) |
| | Publish (copy) a policy as a new policy (Sandbox version) | Publish (this right) More and the public interval |
| | | Manage Security Policies |
| Assign Policies | Assign policies to devices, device groups, and device folders | 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 |
| | Assign policy groups to devices, device groups, and device folders | |
| | Assign policies to users, user groups, and user folders | Policies right or User Rights - Assign Policies right. |
| | Assign policy groups to users, user groups, and user folders | For example, to assign a Security policy to a device, an administrator |
| | Remove policy assignments from the objects listed above Remove policy group assignments from the objects listed above | must have the following two rights: |
| | | Assign Policies (this right) |
| | | Manage Security Policies |
| | | Device Rights - Assign Policies (for the target device) |
| Modify Settings | Modify policy settings | |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|-------------------------------------|---|---|
| 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 Device Control 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 | This right does not allow the administrator to view event details. |
| | View a policy 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 policy folder's Audit tab and the events logged to that tab | |
| View Audit Events | View a policy'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 policy group's Audit tab, the events logged to that tab, and the details for the events | to Allow. |
| | View a policy folder's Audit tab, the events logged to that tab, and the details for the events | |

7.17 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 7.17.1, "Contexts," on page 59
- Section 7.17.2, "Privileges," on page 59

7.17.1 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.

7.17.2 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/ Wake Up Device | Reboot Shutdown Devices quick task 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 Device | Refresh Device quick task | |
| | Refresh Policies quick task | |
| Reset Agent | Reset a Windows managed device | |
| 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. | |
| Toggle Lost Mode | Enable or disable lost mode on iOS devices. | |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|--------------------------------------|--|-------|
| Retrieve Bundle Status | Use quick task to obtain latest bundle status from devices. | |
| Install/Launch | Install Bundle quick task | |
| Bundles | Launch Bundle quick task | |
| | Verify Bundle quick task | |
| | Uninstall Bundle quick task | |
| | Distribute Bundle Now quick task | |
| Inventory | Inventory Scan quick task | |
| | Inventory 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 | Clear ZESM User Defined Password quick task | |
| and 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 | |
| Remote Wipe | Use quick task to remotely wipe Windows 10 devices. | |

7.18 Remote Management Rights

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

- Section 7.18.1, "Contexts," on page 61
- Section 7.18.2, "Privileges," on page 61

7.18.1 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.

7.18.2 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) | ragno moany ragno ootang. |
| | 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 | |

7.19 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 | |

7.20 Sharing Rights

The Sharing Rights dialog box lets you allow or deny the administrator the rights to perform tasks related to object sharing.

7.20.1 Contexts

Select folders for which you want to assign sharing rights. 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 administrator rights to work with the sharing folders that you selected in the Contexts section.

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|-----------------------------------|--|-------|
| View Leaf | Access information for subscribers or subscriber groups | |
| Modify Folders | Modify subscriber folders | |
| Create/Delete Folders | Create or delete subscriber folders | |
| Modify Groups | Modify existing subscriber groups | |
| Create/Delete Groups | Create or delete subscriber groups | |
| Modify Group Membership | Add or remove a subscriber to subscriber group | |
| Authorize/Deny/Delete Subscribers | Authorize, deny, or delete a subscriber | |
| Modify Bundle Sharing Settings | Suspend or resume bundle sharing | |
| Modify Policy Sharing Settings | Suspend or resume policy sharing | |
| Assign Bundles | Assign bundles to the subscriber or subscriber group | |
| Assign Policies | Assign policies to subscriber or subscriber group | |

7.21 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.

7.21.1 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 (APLU) | Deploy a system update to devices | In addition to this right, an |
| | Schedule deployments | administrator must also have View Leaf rights for the target devices. |
| | Cancel deployments | 5 |
| | 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. | |

7.22 User Rights

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

- Section 7.22.1, "Contexts," on page 64
- Section 7.22.2, "Privileges," on page 65

7.22.1 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.

7.22.2 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 | In addition to this right, an addininistrator 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. |
| Wipe Intune App Data | Wipe Intune App Data on devices. | |
| 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 Bundles rights for the bundle and the user to which the bundle is being |
| | Remove bundle assignments from users, user groups, and user folders | |
| | 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 |

7.23 User Source Rights

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

- Section 7.23.1, "Contexts," on page 66
- Section 7.23.2, "Privileges," on page 67

7.23.1 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.

7.23.2 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. |

7.24 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 |

7.25 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 reference in your ZENworks Management Zone. User containers are the LDAP contexts in which users are located. |
| | Username and Password | |
| | Authentication Mechanisms | |
| | Use SSL | |
| | 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 wh creates a user source automatically receives rights to modify it. |
| Modify Settings | Configure Management Zone settings (Configuration > Management Zone Settings) | |
| Configure ActiveSync Server | Create or delete an ActiveSync Server | |
| 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 Registration | Create a registration key 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 | |
| Apps Catalog | View the Apps Catalog page | |
| Configure Intune App Management | Manage Intune apps using ZENworks | |
| 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 | |
| Delete News Alerts | Delete ZENworks news alerts | |
| Update News Alerts | Generate response sequences for overriding the ZENworks PBA used with ZENworks Full Disk Encryption | |
| View Security Dashboard | Access the Security Dashboard | |
| Configure Sharing | Add or remove sharing servers, suspend or resume zone sharing, create or delete subscriber keys, and modify subscriber keys | |
| Manage FDE PBA Override | Generate response sequences for overriding the ZENworks PBA used with ZENworks Full Disk Encryption | |
| AM Zone Rights | Create or delete license information sources. | |
| View ZAM Dashboard Rights | View the Asset Management dashboard for the zone | |
| Dashboard Page | View the Dashboard page. | |
| 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. |

| RIGHT | OPERATIONS CONTROLLED BY THE RIGHT | NOTES |
|-----------------------------|---|--|
| 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. |

7.26 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**.

7.26.1 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.

7.27 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**.

7.27.1 Available 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. |

You can perform the following tasks:

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