Novell ZENworks® 10 Asset Management Migration Utility

10.0.3

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MIGRATION GUIDE

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Novell®

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About This Guide

This *Novell ZENworks 10 Configuration Management Asset Management Migration Utility Migration Guide* includes information to help you successfully migrate selected inventory data from ZENworks® Asset Management 7.5 to an installed Novell® ZENworks 10 Configuration Management system. The information in this guide is organized as follows:

- Chapter 1, "Using the Novell ZENworks 10 Configuration Management Asset Management Migration Utility," on page 9
- Chapter 2, "Understanding the Migration Console," on page 15

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, or go to the Novell Documentation Feedback site (http://www.novell.com/documentation/feedback.html) and enter your comments there.

Additional Documentation

ZENworks 10 Configuration Management Asset Inventory 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 10 Configuration Management documentation Web site (http://www.novell.com/documentation/zcm10/index.html).

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When a single pathname can be written with a backslash for some platforms or a forward slash for other platforms, the pathname is presented with a backslash. Users of platforms that require a forward slash, such as Linux*, should use forward slashes as required by your software.

Using the Novell ZENworks 10 Configuration Management Asset Management Migration Utility

1

The following sections provide instructions on how to use the Novell® ZENworks® 10 Configuration Management Asset Management Migration Utility to migrate data from ZENworks Asset Management 7.5 to ZENworks 10 Configuration Management:

- Section 1.1, “Before You Begin,” on page 9
- Section 1.2, “Overview,” on page 9
- Section 1.3, “Installing the ZENworks 10 Configuration Management Asset Management Services Migration Utility,” on page 10
- Section 1.4, “Selecting the Migration Source,” on page 10
- Section 1.5, “Selecting the Migration Destination,” on page 11
- Section 1.6, “Using the Migration Console to Migrate Objects,” on page 12

1.1 Before You Begin

Before you begin migrating data from ZENworks Asset Management 7.5 to ZENworks 10 Configuration Management, consider the following:

- You should back up both source and destination databases.
- Do not use version 10.0.*x* of the migration utility if you plan on migrating asset management data to ZENworks 10.1.*x* Configuration Management Asset Management Services at a later date.
- If you plan to manage workstations migrated from ZENworks Asset Management 7.5, those workstations must be migrated first. Deployment must then be done from ZENworks Control Center by clicking *Devices* > *Discovered* > *Devices created via ZENworks Asset Management Migration*.
- You can only migrate objects once.
- Network devices are not migrated.
- Custom reports are not migrated.
- Administrator defined fields are not migrated.

1.2 Overview

The ZENworks 10 Configuration Management Asset Management Migration Utility is used to migrate the following data to ZENworks 10 Configuration Management:

- **Local Product Definitions:** Local product definitions that were defined in ZENworks 10 Configuration Management Asset Management Services. You can choose to migrate some or all of these product definitions. For more information, see Section 1.6.2, “Migrating Local Product Definitions,” on page 13.

- **Inventory:** Inventory data defined by your ZENworks 10 Configuration Management Asset Management Services collection domains. You can migrate devices individually or as a group. You can also migrate deleted workstations, which are devices that have been deleted in ZENworks 10 Configuration Management Asset Management Services. For more information, see Section 1.6.1, “Migrating Inventory Data,” on page 13.

Migrating an object is a four-step process:

1. Select the migration source. For more information, see Section 1.4, “Selecting the Migration Source,” on page 10.
2. Select the migration destination. For more information, see Section 1.5, “Selecting the Migration Destination,” on page 11.
3. Select objects to migrate. For more information, see Section 1.6, “Using the Migration Console to Migrate Objects,” on page 12.
4. Initiate the migration. For more information, see Section 1.6, “Using the Migration Console to Migrate Objects,” on page 12.

1.3 Installing the ZENworks 10 Configuration Management Asset Management Services Migration Utility

1 In your Web browser, access the following URL:

`http://`*`zenworks_primary_server_id`*`/zenworks-setup/tools/`

2 Run `ZAMmigration.exe` to install it on your workstation.

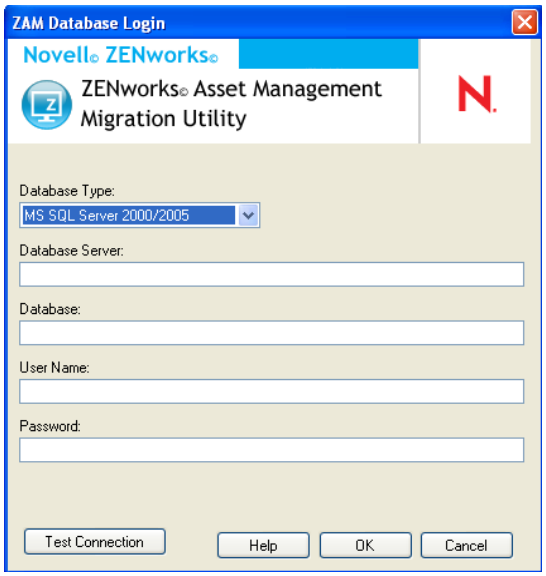
3 To run the utility on a supported Windows device, click *Start* > *All Programs* > *ZENworks Configuration Management Migration Utility* > *ZAM Migration Utility*.

1.4 Selecting the Migration Source

The migration source is your ZENworks Asset Management 7.5 database. To log in to your database:

1 Click *Start* > *All Programs* > *ZENworks Configuration Management Migration Utility* > *ZAM Migration Utility*.

2 Click the button to the right of the *Select ZAM Database* field.



3 Fill in the following fields:

Database Type: Specify *MS SQL Server 2000/2005* for both external and embedded MS SQL Server databases.

Database Server: Specify either the DNS name or IP address of the database server. Each time you use this dialog box, the last server you logged in to is displayed here.

Database: Specify the database name. Each time you use this dialog box, the last database you logged in to is displayed here.

User Name: Specify the username. Each time you use this dialog box, the last username you used is displayed here.

Password: Specify the password. This must be specified every time to authenticate.

4 Click *OK* to connect. You can click *Test Connection* first to verify that you can connect to the database.

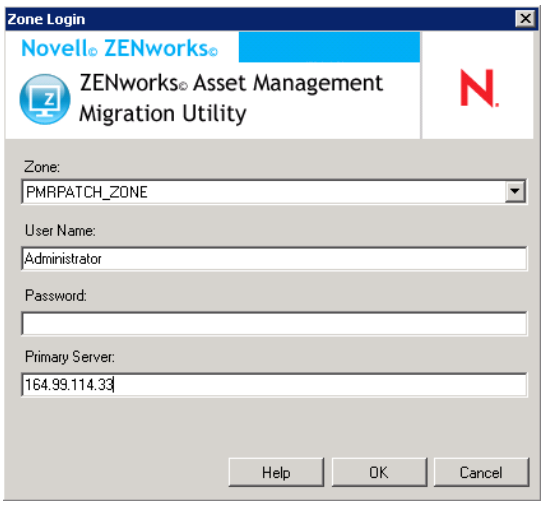
5 Continue with Section 1.5, “Selecting the Migration Destination,” on page 11.

1.5 Selecting the Migration Destination

To log in to your migration source Management Zone for ZENworks 10 Configuration Management:

1 Make sure you’ve selected the migration source (see Section 1.4, “Selecting the Migration Source,” on page 10).

2 In the Migration Console, click the button to the right of the *Select Zone* field.



3 Fill in the following fields to authenticate to your destination Management Zone:

Zone: Specify your Management Zone. This field is not filled in the first time you access the *Zone Login* dialog box. Thereafter, any zone that you previously logged in to by using this dialog box is available from the drop-down list. Each time you use this dialog box, the last zone that you logged in to is displayed here.

User Name: Specify the username for the zone. *Administrator* is normally used. If this is the first time you have logged in to this zone by using the Migration Console, nothing is displayed; otherwise, the last username you used is displayed. If you select a Management Zone in the *Zone* field, this field is automatically populated with the username you last used for that zone.

Password: Specify the password. This must be entered every time to authenticate.

Primary Server: Specify either its DNS name or IP address. This field is automatically populated when you select a Management Zone in the *Zone* field.

4 Click *OK*.

The *Select Objects To Migrate* tab shows the object groups available to migrate, along with the number of objects in each group.

5 Continue with Section 1.6, “Using the Migration Console to Migrate Objects,” on page 12.

1.6 Using the Migration Console to Migrate Objects

This section shows you how to migrate objects in each data group. Although the steps to migrate different types of objects are presented separately, it isn’t necessary to migrate one type of object at a time. This section includes the following topics:

- Section 1.6.1, “Migrating Inventory Data,” on page 13
- Section 1.6.2, “Migrating Local Product Definitions,” on page 13

For details about the Migration Console, see Chapter 2, “Understanding the Migration Console,” on page 15.

1.6.1 Migrating Inventory Data

1. Click *Start* > *All Programs* > *ZENworks Configuration Management Migration Utility* > *ZAM Migration Utility*.
2. Log in to your ZENworks Asset Management 7.5 database and the Management Zone for ZENworks 10 Configuration Management as shown in Section 1.4, “Selecting the Migration Source,” on page 10 and Section 1.5, “Selecting the Migration Destination,” on page 11.
3. Click the *Select Objects To Migrate* tab.
4. Click *Inventory* and select the desired collection domain and collection server, or click *Deleted Workstations*.

   A list of workstations is shown on the right.
5. Select the data to migrate.
   - To select all of the enterprise data, right-click *Enterprise* and select *Migrate All Inventory Data*.
   - To select individual workstations, right-click a workstation listed on the right side of the panel and select *Add Item(s) To Migration Queue*. You can Shift+click or Ctrl+click to select more than one item.
6. (Optional) To remove workstations from the migration list, click the *Items to Migrate tab*, then right-click the workstation and select *Remove Item(s) from Migration Queue*.
7. Click *Start Migration*.

   The *Migration Status* tab opens and displays the migration details. Migrated workstations appear as discovered devices in ZENworks Control Center.

1.6.2 Migrating Local Product Definitions

1. Click *Start* > *All Programs* > *ZENworks Configuration Management Migration Utility* > *ZAM Migration Utility*.
2. Click the *Select Objects To Migrate* tab.
3. Click *Local Products*.

   A list of the local products is shown on the right side of the panel.
4. Select the local products to migrate.
   - To select all of the local products, right-click *Local Products* and select *Migrate All Local Products*.
   - To select individual local products, right-click a local product listed on the right side of the panel and select *Add Item(s) To Migration Queue*.

     You can Shift-click or Ctrl-click to select more than one item.
5. (Optional) To remove local products from the migration list, click *Items to Migrate*, then right-click the local product and select *Remove Item(s) from Migration Queue*.
6. Click *Start Migration*.

   The *Migration Status* tab opens and displays the migration details.

Understanding the Migration Console

2

The following sections describe the Novell® ZENworks® 10 Configuration Management Asset Management Migration Utility migration console and how to use it:

- Section 2.1, “Select Objects to Migrate Tab,” on page 15
- Section 2.2, “Items to Migrate Tab,” on page 15
- Section 2.3, “Migration Status Tab,” on page 16
- Section 2.4, “Migration History Tab,” on page 16
- Section 2.5, “Migrated Objects Tab,” on page 16
- Section 2.6, “Select ZAM Database Field,” on page 16
- Section 2.7, “Select Zone Field,” on page 16
- Section 2.8, “Start Migration Button,” on page 17
- Section 2.9, “Cancel Button,” on page 17

2.1 Select Objects to Migrate Tab

Click the Select Objects to Migrate tab to display the Select Objects to Migrate panel, which shows the three groups of objects you can migrate and indicates how many objects are in each group.

- **User-Defined Fields:** Custom fields defined in ZENworks Asset Management 7.5. Use these objects to migrate the user-defined field definitions. Only the definitions are migrated, not the field contents. User-defined field contents are migrated when you migrate inventory data.
- **Local Products:** Software products created and identified to be tracked as part of your inventory. Use these objects to migrate the local product definitions. As with user-defined fields, only the definitions are migrated, not the inventory data.
- **Inventory:** Inventory data for the enterprise. Use these objects to migrate inventory data.

Click any group to display the objects in that group in the panel on the right, along with additional information depending on the group:

- For user-defined fields, the *Label, Class*, and *DataType* are displayed.
- For local products, the *Name, Manufacturer, Version, Type, Source*, and the *Migrated Date* are displayed.
- For workstations or the entire enterprise, the *Name, Inventory Type, Migrated Date*, and *Unique Identifier* are displayed.

2.2 Items to Migrate Tab

The *Items to Migrate* tab shows the name, object type, and the unique identifier of each selected object. Right-click an object and select *Remove Item(s) from Migration Queue* to remove the object from the migration list.

2.3 Migration Status Tab

When you migrate an object, you are automatically taken to the *Migration Status* tab, which shows the progress and details of the migration.

2.4 Migration History Tab

The Migration History panel shows what objects have been migrated, along with the object type, status, and migration date. To see the detailed status of a specific migrated object, right-click the object and select *Detailed Status*. The Migration Status panel opens with details about the migration.

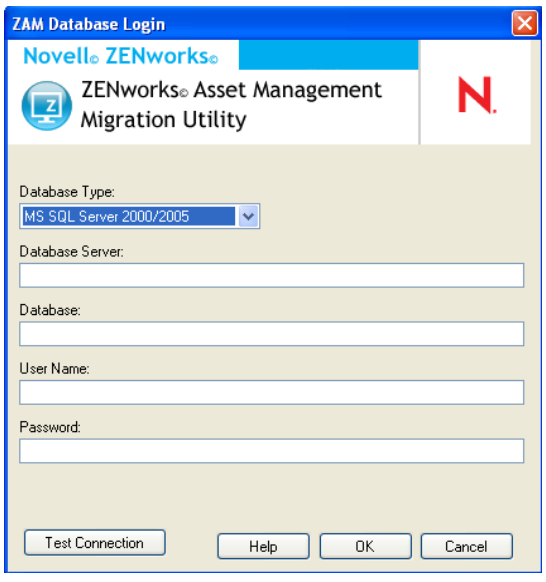
2.5 Migrated Objects Tab

The *Migrated Objects* tab shows the objects that have been successfully migrated, including the object type, migrated date, and the object's unique identifier.

2.6 Select ZAM Database Field

The *Select ZAM Database* field shows your source database, which is your ZENworks Asset Management 7.5 database. Click the button to the right of the field to open the *ZAM Database Login* dialog box, where you can log in to your source database.

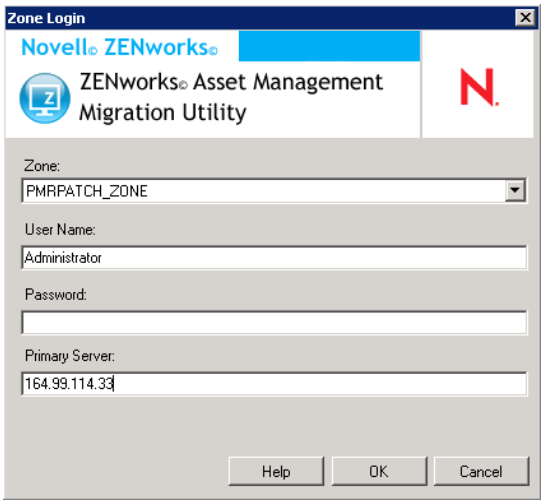
Figure 2-1 *ZAM Database Login*



2.7 Select Zone Field

The *Select Zone* field shows the migration destination, which is your Management Zone for ZENworks 10 Configuration Management. Click the button to the right of the field to open the *Zone Login* dialog box, where you can log in to your destination database.

Figure 2-2 *Zone Login*



2.8 Start Migration Button

After you select the objects you want to migrate, click *Start Migration* to begin the migration process.

2.9 Cancel Button

The *Cancel* button stops the migration process at the point when you click it. Objects that have already migrated when the *Cancel* button is clicked are not rolled back.