Standard Edition Getting Started Guide

Novell®
ZENworks® 10 Configuration Management SP3

10.3

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www.novell.com

Contents

About This Guide

This *Novell ZENworks 10 Configuration Management Standard Edition Getting Started Guide* introduces you to the ZENworks management system and the documentation that can help you install, configure, and use the system. The information in this guide is organized as follows:

- Chapter 1, "Product Overview," on page 9
- Chapter 2, "Installation and Setup Documentation," on page 21
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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 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 SP3 documentation (http://www.novell.com/documentation/zcm10/).

Product Overview

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Novell ZENworks 10 Configuration Management SP3 Standard Edition provides comprehensive management of Windows servers and workstations, collectively referred to as devices. Both Windows and Linux devices can act as servers in Configuration Management.

Using the ZENworks Control Center management console, you can:

* Discover deployable devices in your network and create deployment tasks to deploy ZENworks software to them
* Manage and deploy software on your devices
* Manage your device configuration and application settings through the use of policies
* Automate the application of images and scripts
* Remotely manage devices by using a secure and fast interface
* Collect hardware and software inventory
* Generate reports for policies, inventory, bundles, and messages
* Convert and customize legacy software installations to industry standard MSIs for easy deployment
* Manage application of software patches automatically and consistently to minimize vulnerabilities and issues (60-day evaluation)
* Manage your software assets (60-day evaluation)

The following sections further introduce you to the capabilities of ZENworks Configuration Management and provide a high-level overview of the ZENworks system architecture and administration.

1.1 Management Capabilities

The ZENworks Configuration Management capabilities are as follows:

1.1.1 Discovery and Deployment

The Discovery process is used to find devices in the network through querying a set of provided IP addresses and to collect inventory information by using technologies like SNMP, WMI, and SSH. Discovery process can also find devices from Novell eDirectory™ or Active Directory, and migrate your traditional ZENworks devices from Novell eDirectory.

The Deployment process is used to distribute and install ZENworks Adaptive Agent to a collection of devices that are identified by the discovery process or by providing a list of devices explicitly. These devices then become managed devices.

For more information, see the *ZENworks 10 Configuration Management Discovery, Deployment, and Retirement Reference*.

1.1.2 Software Management

ZENworks Configuration Management lets you configure, distribute, install, remove, and roll back applications on your devices. This is done through the use of software bundles.

When you assign a bundle to a device, you can install and launch it on the device according to the schedules (distribution, launch, and availability) that you define.

For more information, see the *ZENworks 10 Configuration Management Software Distribution Reference*.

1.1.3 Policy-Based Device Management

ZENworks Configuration Management lets you use policies to create a set of configurations that can be assigned to any number of managed devices. It helps you to provide the devices with a uniform configuration, and it eliminates the need to configure each device separately.

ZENworks Configuration Management policies help you manage the Internet Explorer favorites, Windows Group policies, local file rights, printers, SNMP service settings, roaming profiles, and configure dynamic local user accounts and manage them on the managed devices. You can also configure the behavior or execution of a Remote Management session on the managed device, and administer as well as centrally manage the behavior and features of ZENworks Explorer.

For more information, see the *ZENworks 10 Configuration Management Policy Management Reference*.

1.1.4 Imaging

ZENworks Configuration Management includes a preboot service that enables you to perform tasks on devices before their operating systems boot up. Using Preboot Services, you can automatically or manually do the following to a device when it boots up:

  ◆ Run ZENworks imaging scripts containing any commands that you can issue at the bash prompt

- Take an image of the device's hard drives and other storage devices
- Restore an image to the device
- Take part in a session where an existing image is applied to multiple devices
- Take or restore a WIM image by using ImageX
- Take or restore a Ghost image by using Symantec Ghost

To accomplish some of these tasks automatically, you simply need to have PXE (Preboot Execution Environment) enabled on your devices, then configure prebootable tasks in ZENworks Control Center and assign them to the devices. Then, the devices can automatically implement these tasks when they boot.

To manually implement the tasks, you can configure devices to require user intervention during bootup.

Using ZENworks Control Center, you can also replicate the `tftp` directory changes from a Primary Server to other Imaging servers (Primary Server or Satellite device with the Imaging role).

For more information, see the *ZENworks 10 Configuration Management Preboot Services and Imaging Reference*.

1.1.5 Remote Management

ZENworks Configuration Management provides the ability to remotely and securely manage devices through operations such as Remote Control, Remote View, Remote Execute, Remote Diagnostics, and File Transfer.

For more information, see the *ZENworks 10 Configuration Management Remote Management Reference*.

1.1.6 ZENworks Reporting

ZENworks Configuration Management provides advanced reporting capabilities with ZENworks Reporting Server. ZENworks Reporting Server uses an embedded BusinessObjects Enterprise XI R3.1 engine to create customized reports. You can use the predefined reports in ZENworks Reporting Server to report on Asset Management, Patch Management, Inventory, Discovery and Deployment, Bundles and Policies, and ZENworks Systems. You can also create custom reports, edit reports, assign rights on reports, and schedule reports to a set of users.

For more information, see the *ZENworks 10 Configuration Management Reporting Server Installation Guide* and the *ZENworks 10 Configuration Management System Reporting Reference*.

1.1.7 Inventory Collection

ZENworks Configuration Management can gather extensive software and hardware inventory for all managed and inventoried devices, and it also enables you to create and export standard and custom reports.

For more information, see the *ZENworks 10 Configuration Management Asset Inventory Reference*.

1.1.8 System Updates

You can update your ZENworks Configuration Management software on all devices in the Management Zone where the software is installed. Update downloads can be scheduled. Software updates are provided at the Interim Release level and you can choose whether to apply each update after viewing its content (interim releases are cumulative). You can also download the latest Product Recognition Update (PRU) to update your knowledgebase so that ZENworks Inventory can recognize newer software.

For more information, see the *ZENworks 10 Configuration Management System Administration Reference*.

1.1.9 Asset Management

ZENworks Asset Management provides various tools to help you manage your software assets. These tools encompass three areas:

- **Software Usage:** You can track usage of software applications (including run time, active time, logged in user, machine, and application used) in your existing inventory. You can also track and report on software run via Terminal Server and Citrix, as well as Web applications run through the browser. You can run a full range of predefined software usage reports, as well as create, save, and run custom reports.

- **Contract Management:** You can define and track IT contract details, including key dates and vendor, financial, SLA, lease, and renewal information; attach related documents; associate contracts with assets, licenses, and demographic data; and create automated e-mail notifications for specified dates. You can also run a full range of predefined contract management reports, as well as create, save, and run custom reports.

- **License Management:** You can import and enter software purchase records, define license entitlements, attach supporting documentation, reconcile discovered software products to entitlements, and track ongoing compliance status. You can also run a full range of predefined license management reports, as well as create, save, and run custom reports.

For more information, see the *ZENworks 10 Asset Management Reference*.

Purchasing ZENworks Configuration Management Standard Edition provides you with a 60-day evaluation of Asset Management. After the evaluation period, you must purchase Asset Management to continue using it.

1.1.10 Patch Management

Patch Management lets you apply software patches automatically and consistently to minimize vulnerabilities and issues.

Patch Management stays current with the latest patches and fixes by regular Internet communication with the ZENworks Patch Subscription Service. After the initial 60-day evaluation period, Patch Management requires a paid subscription for you to continue the daily download of the latest vulnerability and patch information.

When a new patch is available from the subscription service, a ZENworks Server downloads information about it. You can deploy the patch to devices or disregard the patch.

For more information, see the *ZENworks 10 Patch Management Reference*.

1.1.11 Personality Migration

Personality Migration allows you to automate the process of migrating a set of customized system and application settings. A typical set of settings can be desktop wallpaper, e-mail account settings, browser proxy settings, files and folders, archived e-mails, Microsoft office templates, MS Excel Macros etc.This process significantly reduces the time and effort required in setting up or re-configuring a desktop for users.

For more information, see the *ZENworks 10 Personality Migration Reference*.

1.2 System Architecture

The ZENworks system architecture consists of components such as Primary Servers, Satellite Servers, and managed devices. These components are organized into management domains, referred to as Management Zones.

Figure 1-1 *Management Zone*
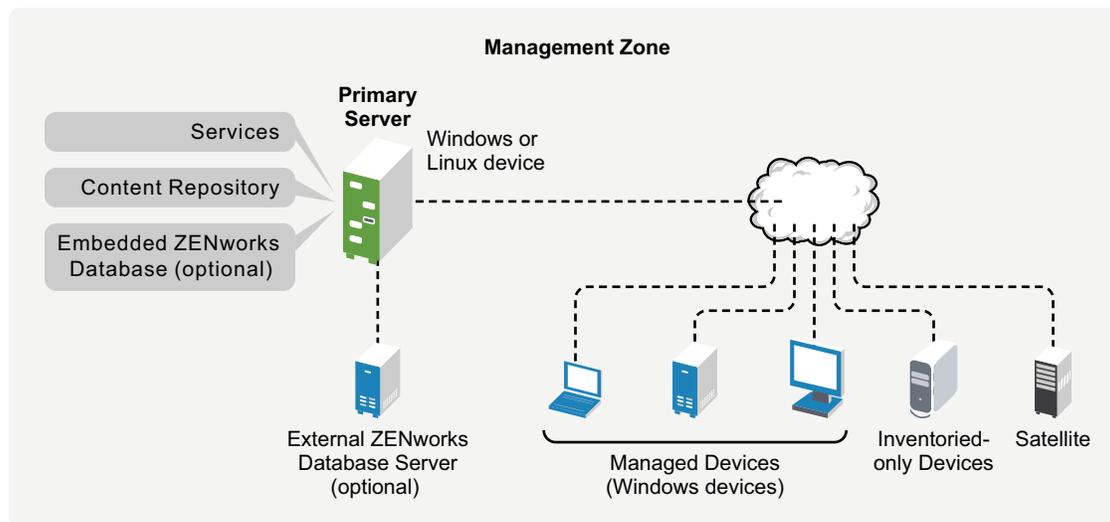
A Management Zone consists of at least one Primary Server, Satellites (if needed), and one or more managed devices or inventoried-only devices. The Primary Servers and Satellites work together to manage the devices. The zone's information is stored in a database that resides on one of the Primary Servers or externally on another server that does not have ZENworks installed on it.

1.2.1 Primary Server

The Primary Server is the focal point of the ZENworks system. Depending on the number and location of the devices that you want to manage with ZENworks, you might need additional Primary Servers. The ZENworks services are added to each Primary Server (physical or virtual) during installation and configuration of the ZENworks software.

You can also set up the Primary Server by deploying ZENworks Appliance to the supported virtual infrastructure. ZENworks Appliance is built on the customized SUSE Linux Enterprise Server 10 SP2 (SLES 10 SP2) and is preinstalled with the ZENworks Server and ZENworks Reporting Server.

The Primary Server contains the following ZENworks components:

◆ **ZENworks services:** The ZENworks software that provides software management, policy enforcement, imaging, inventory collection, asset management, and so forth. The main services are ZENworks Server Service, ZENworks Loader, ZENworks Imaging Service, and ZENworks Management Service.

◆ **Content repository:** Contains the software, policies, and configuration metadata (stored in the database). The policies and software are available for delivery to managed devices within the system. The content is compressed and encrypted. By default, content is automatically replicated among all Primary Servers in the Management Zone, based on a schedule that you control. However, you can configure this to exclude certain servers.Contains the update packages used to update the ZENworks system files and the Product Recognition Updates used for product recognition during inventorying of software and hardware. The content repository has limited use with ZENworks Asset Management; however, it is used more extensively with ZENworks Configuration Management (another Novell ZENworks product) to store software files waiting to be distributed to devices.

◆ **ZENworks database:** Contains information about the software bundles for delivery, the hardware and software inventory lists collected from devices, information about the ZENworks Control Center objects (devices, users, bundles, policies, and so on), centralized system messages, license tracking and usage data, and other transactional data, and the actions scheduled to take place within the system.

You can install the embedded Sybase SQL Anywhere database that is included with ZENworks Configuration Management, or you can use an external Sybase SQL database, Oracle 10g Standard, or a Microsoft SQL database. For detailed information about the supported database versions, see "Database Requirements" in the *ZENworks 10 Configuration Management Installation Guide*.

If you use the embedded database, it must reside on one, and only one, Primary Server per Management Zone. If you use an external database, you can install the database on a server that is not a Primary Server. By default, all Primary Servers require access to the ZENworks database, wherever it resides, to write their data.

You can also specify that certain servers roll up their information to other servers.

If you want to use a Microsoft SQL database, you might want to consider locating a Microsoft SQL database in a Microsoft server cluster for accessibility and reliability purposes.

1.2.2 Satellite

A Satellite is a device that can perform certain roles that a ZENworks Primary Server normally performs. A Satellite can be any managed device (server or workstation) or an unmanaged Linux device (server or workstation). When you configure a Satellite device, you specify which roles it performs:

◆ **Imaging:** Installs the Imaging services and adds the Imaging role to the device. With this role, the device can be used as an Imaging server to perform all the Imaging operations, such as taking an image and applying an image within as well as across subnets by using unicast or multicast imaging.

◆ **Collection:** If you want to improve information roll-up access for a group of devices to minimize traffic to the ZENworks Primary Server that is hosting the ZENworks database, you can enable the Collection role on a device. For example, if you have devices that are rolling up information to a Primary Server outside of their network segment, you can minimize network

traffic by enabling the Collection role on a device within the network segment to accept the information from the other devices in that segment. That Collection role device is then the only device from that segment that is rolling up information to the Primary Server.

◆ **Content:** If you want to improve content access for a group of devices without creating another Primary Server, you can create the Content role on a device. For example, if you have devices that are accessing a Primary Server outside of their network segment, you can create the Content role on a device within the network segment to service those devices.

◆ **Authentication:** If you want to speed up the authentication process of the devices with the ZENworks Management Zone, you can enable the Authentication role on a device. Satellite devices with the Authentication role can now speed the authentication process by spreading the workload among various devices and by performing authentication locally to managed devices.You can have multiple Satellite devices with the Authentication role. In addition, each Satellite with the Authentication role can have multiple user sources configured and each Satellite can have multiple connections to each user source to provide failover.

For more information, see "Satellites" in the *ZENworks 10 Configuration Management System Administration Reference*.

1.2.3 Managed Device

A managed device is a Windows server or workstation that you can use ZENworks to manage. The ZENworks Adaptive Agent must be installed on each device in order for it to be managed. The Adaptive Agent communicates with a Primary Server to enable delivery of software, enforcement of configuration policies, inventorying of hardware and software, and remote management of the device.

Each managed device attempts to contact its initial Primary Server. However, if content is unavailable on that Primary Server, the managed device requests it from another Primary Server or a Satellite Server with the Content role configured in the Management Zone, and continues until it finds a server that can provide the content.

A managed device can be registered in only one Management Zone and is therefore managed only in that zone.

1.2.4 Inventoried-Only Device

You might have devices where the Adaptive Agent cannot be installed, or devices where you do not want to install the Adaptive Agent. To inventory these devices, you can either install the Inventory-Only agent or run the Portable Collector.

For more information, see the *ZENworks 10 Configuration Management Discovery, Deployment, and Retirement Reference*.

1.2.5 Management Zone

A Management Zone consists of one or more Primary Servers and one or more managed devices. The Primary Servers in the zone work together to manage the devices. The zone's information is stored in a database that resides on one of the Primary Servers or externally on another server that does not have ZENworks installed on it. The zone might also contain Satellites.

1.3 System Administration

You administer the ZENworks system at the Management Zone level through ZENworks Control Center (ZCC), a task-based Web browser console. The following graphic shows the ZCC portion of the Web browser display:

Figure 1-2 *ZENworks Control Center*
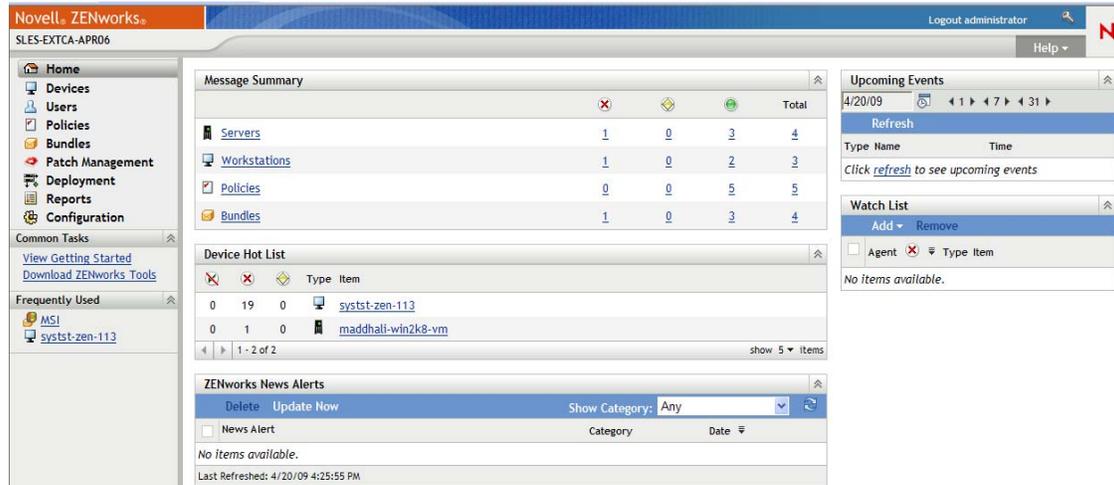
ZCC is installed on all Primary Servers in the Management Zone. You can perform all management tasks on any Primary Server. Because it is a Web-based management console, ZCC can be accessed from any supported workstation.

If you use Novell iManager to administer other Novell products in your network environment, you can enable ZCC to be launched from iManager. For more information, see the *ZENworks 10 Configuration Management System Administration Reference*.

In addition to ZCC, you can use the zman command line utility to manage the objects in your ZENworks system. For example, you can add content to bundles, assign policies to devices, and register devices. The main advantage to using the command line utility is the ability to create scripts for handling repetitive or mass operations.

Like ZCC, the zman utility is installed on all Primary Servers, but it can only run from the command line on the server.

1.4 ZENworks Terminology

Table 1-1 *ZENworks Configuration Management Terminology*

Term	Description
bundle	ZENworks Configuration Management has four types of bundles:
	◆ **Directive:** Performs a set of tasks on managed devices on the supported platforms. In ZENworks Configuration Management, tasks are referred to as actions. It also includes personality actions such as Store Personality and Apply Personality.
	◆ **File:** Provides file and folder copying and installation capability to managed devices.
	◆ **Imaging:** A collection of scripts or images that are applied to a device at bootup. A Multicast Image Set bundle can also be defined for sending an image to multiple devices. A Third-Party Image bundle can be defined to specify the third-party images to be restored on a device. For more information, see the *ZENworks 10 Configuration Management Preboot Services and Imaging Reference*.
	◆ **Windows:** Provides MSIs, MSPs, simple applications, thin clients, and Web applications.
	For more information, see the *ZENworks 10 Configuration Management Software Distribution Reference*.
content repository	Contains the files, policies, and other items that are available for delivery to managed devices within the system. The content is compressed and encrypted. For more information, see "Content Repository" in the *ZENworks 10 Configuration Management System Administration Reference*.
inventoried-only device	Device where the ZENworks Adaptive Agent is not or cannot be installed. Instead, you install the Inventory Only Module on these devices so that you can use Asset Inventory to inventory them. Optionally, you can run the Portable Collector to inventory them. For more information, see "Adaptive Agent Versus Inventory-Only Module" and "Deploying the Inventory-Only Module" in the *ZENworks 10 Configuration Management Discovery, Deployment, and Retirement Reference*.
Inventory Only Module	Software installed on a device that enables it to be inventoried. This is normally installed on devices running the Mac OS X, NetWare 5.1/6/6.5, OES (NetWare), Unix (Sun Solaris, HP UX, or IBM AIX), or Linux operating systems, which are not supported as managed devices.
managed device	A Windows server or workstation that has the Adaptive Agent installed and is registered in the Management Zone.
management console or administration workstation	The device where you run ZENworks Control Center in your Web browser.
Management Zone	Consists of at least one Primary Server. It can contain other Primary Servers and one or more workstations as managed devices. It can also contain inventoried-only devices.

Term	Description
policy	A set of rules and information that can define both operating system and application configuration settings for a managed device. For more information, see the *ZENworks 10 Configuration Management Policy Management Reference*.
Primary Server	A machine that contains the ZENworks services and content repository. Optionally, it might also contain the ZENworks database, but on only one of the Primary Servers per zone. A Management Zone can have multiple Primary Servers.
Portable Collector	A software utility that can inventory any device and create a file that is accessible in ZENworks Control Center as if it were a device. This file is then used for obtaining inventory data about the device. For more information, see "Using the Portable Collector" in the *ZENworks 10 Configuration Management Asset Inventory Reference*.
Remote Management Service	A managed device component that enables remote operators to perform remote sessions on the device. For more information, see the*ZENworks 10 Configuration Management Remote Management Reference*.
Remote Management Proxy	A proxy server that forwards Remote Management operation requests from the Remote Management Viewer to a managed device. The proxy is useful when the viewer cannot directly access a managed device that is in a private network or on the other side of a firewall or router that is using NAT (Network Address Translation). As a prerequisite, the proxy must be installed on a Windows managed device or a Linux device (Primary server, Satellite device). For more information, see the *ZENworks 10 Configuration Management Remote Management Reference*.
Satellite	A Satellite is a device that can perform certain roles that a ZENworks Primary Server normally performs. A Satellite can be any managed device (server or workstation) or an unmanaged Linux device (server or workstation). When you configure a Satellite device, you specify which roles it performs (Imaging, Collection, or Content). For more information, see "Satellites" in the *ZENworks 10 Configuration Management System Administration Reference*.
ZENworks Adaptive Agent	Software installed on a Windows server or workstation that enables it to be managed by a Primary Server. The Adaptive Agent consists of modules that support software delivery, policy enforcement, imaging, remote management, inventory, and so forth. For more information, see"ZENworks Adaptive Agent Deployment" in the *ZENworks 10 Configuration Management System Administration Reference*.
ZENworks Control Center	The Web-based administrative console used to manage the ZENworks Configuration Management system. For more information, see"ZENworks Control Center" in the *ZENworks 10 Configuration Management Administration Quick Start*.

Term	Description
ZENworks database	The database that contains information about the software available for delivery, the hardware and software inventory lists collected from devices, and the actions scheduled to take place within the system.
	The database can reside on a Primary Server, or it can reside on a remote server as an external database. By default, all Primary Servers require access to the database.
	For information on supported databases, see "Database Requirements" in the *ZENworks 10 Configuration Management Installation Guide*.
	For more information on the ZENworks database, see "Database Management" in the *ZENworks 10 Configuration Management System Administration Reference*.
zman	A command line interface for managing your ZENworks system. The zman utility is useful for automating tasks (through scripts) and performing mass management tasks that might be tedious to perform in ZENworks Control Center. For example, configuring settings for a large number of devices, or adding an action to a large number of bundles.
	zman is available on all Primary Servers.
	For more information, see "ZENworks Command Line Utilities" in the *ZENworks 10 Configuration Management Command Line Utilities Reference*.
zac	A command line management interface for the Novell ZENworks Adaptive Agent. The zac utility performs command line management functions on the ZENworks managed device, including installing and removing software bundles, applying policies, and registering and unregistering the device.

Installation and Setup Documentation

<div style="text-align: right; font-size: 3em;">2</div>

To install, migrate to, and set up Novell ZENworks 10 Configuration Management,SP3 follow the applicable instructions:

- *ZENworks 10 Configuration Management Installation Guide*

  Provides instructions on establishing the ZENworks Management Zone with one or more ZENworks Primary Servers. Includes instructions for GUI, command line, or silent installations.

- *ZENworks 10 Configuration Management Appliance Deployment and Administration Reference*

  Provides instructions on how to deploy the customized SUSE Linux Enterprise Server 10 SP2 with the ZENworks Server and ZENworks Reporting Server on the supported virtual infrastructure. It also provides instructions on how to manage ZENworks Appliance after deploying it.

- *ZENworks 10 Configuration Management Reporting Server Installation Guide*

  Provides instructions for installing ZENworks Reporting Server for ZENworks infrastructure reporting.

- *ZENworks 10 Configuration Management Upgrade Guide*

  Provides information to help you successfully upgrade to Novell ZENworks 10 Configuration Management SP3.

- *ZENworks 10 Configuration Management ZENworks Migration Guide*

  Provides instructions on how to migrate your traditional ZENworks Novell eDirectory™ data into the ZENworks Configuration Management database. This includes migrating information from Application, Imaging, Policy, and Workstation objects, including associations and zone settings. It does not include migrating User objects. Instead, Configuration Management reads from existing user sources. It also does not migrate inventory data; that is done with the ZENworks Asset Management Migration Utility.

- *Novell ZENworks 10 Asset Management Migration Guide*

  Provides instructions on how to migrate ZENworks Asset Management 7.5 data to ZENworks 10 Configuration Management.

- *ZENworks 10 Personality Migration Reference*

  Provides instructions on the setup and installation of Personality Migration, and the use of Desktop DNA for migrating, upgrading, and backing up devices.

- *ZENworks 10 Configuration Management Administration Quick Start*

  ZENworks Configuration Management is ready to use out of the box, but you probably want to configure it to suit your environment. The *Administration Quick Start* includes basic instructions for:

  - Zone configuration
  - ZENworks Adaptive Agent deployment

- Device management
- System messaging and reporting

- *AdminStudio 10 Installation Guide (http://www.novell.com/documentation/zcm10/pdfdoc/ adminstudio/AS10ZENworksInstallGuide.pdf)*

  Provides information to install and activate AdminStudio.

Administration Documentation

3

The following references for Novell ZENworks 10 Configuration ManagementSP3 provide overviews, setup instructions, usage instructions, ongoing management instructions, and other information:

- *ZENworks 10 Configuration Management Administration Quick Start*

    Provides instructions on how to set up ZENworks Configuration Management for your network, including short tasks to familiarize you with the features of the product.

- *ZENworks 10 Configuration Management System Administration Reference*

    Provides instructions on ZENworks servers and Satellites, user sources, ZENworks administrator accounts, Management Zone configuration settings, alternate content repository configuration, database maintenance, and so on.

- *ZENworks 10 Configuration Management Command Line Utilities Reference*

    Provides instructions on the zman, zac, and zeninfocollect command line utilities.

ZENworks 10 Configuration Management Discovery, Deployment, and Retirement Reference

Provides instructions on device registration, the ZENworks Adaptive Agent, network device discovery, device importing, inventoried-only device setup, and deployment tasks.

- *ZENworks 10 Configuration Management Software Distribution Reference*

    Provides instructions on software distribution through bundle creation and management, bundle assignments, bundle scheduling, and actions that can be added to bundles.

- *ZENworks 10 Configuration Management Policy Management Reference*

    Provides instructions on policy creation and application for configuring operating system and application settings.

- *ZENworks 10 Configuration Management Preboot Services and Imaging Reference*

    Provides instructions on Preboot Services setup, device imaging, Imaging bundles, and manual imaging operations.

- *ZENworks 10 Configuration Management Remote Management Reference*

    Provides instructions on how to remotely manage and control devices.

ZENworks 10 Configuration Management Asset Inventory Reference

Provides instructions on software and hardware inventory collection, including how to scan, view individual device inventory information, and generate inventory reports.

- *ZENworks 10 Asset Management Reference*

    Provides instructions on how to manage your software assets, including tracking software usage, managing software contracts, and enforcing software license compliance.

- *ZENworks 10 Configuration Management System Reporting Reference*

    Provides instructions on how to perform BusinessObjects Enterprise XI reporting on your ZENworks infrastructure.

ZENworks 10 Patch Management Reference

Provides instructions on automated patch application to minimize vulnerabilities and compliance issues.

◆ *AdminStudio 10 User Guide (http://www.novell.com/documentation/zcm10/pdfdoc/adminstudio/AS10UserGuide.pdf)*

Provides administration and end-user information about the functionality and features of all of the components of AdminStudio.

Documentation Updates

A

This section contains information on documentation content changes that were made in this *Standard Edition Getting Started Guide* for Novell ZENworks 10 Configuration Management SP3. The information can help you to keep current on updates to the documentation.

The documentation for this product is provided on the Web in two formats: HTML and PDF. The HTML and PDF documentation are both kept up-to-date with the changes listed in this section.

If you need to know whether a copy of the PDF documentation that you are using is the most recent, the PDF document includes a publication date on the title page.

The documentation was updated on the following date:

- ◆ Section A.1, "May 02, 2011," on page 25
- ◆ Section A.2, "March 30, 2010: SP3 (10.3)," on page 25

A.1 May 02, 2011

Updates were made to the following sections:

Location	Update
Chapter 2, "Installation and Setup Documentation," on page 21	Replaced *AdminStudio 9.5 Installation Guide* with *AdminStudio 10 Installation Guide* because ZENworks 10 Configuration Management SP3 currently supports AdminStudio 10.
Chapter 3, "Administration Documentation," on page 23	Replaced *AdminStudio 9.5 User Guide* with *AdminStudio 10 User Guide* because ZENworks 10 Configuration Management SP3 currently supports AdminStudio 10.

A.2 March 30, 2010: SP3 (10.3)

Updates were made to the following sections:

Location	Update
Section 1.2.1, "Primary Server," on page 13	Added information on ZENworks Appliance.
Chapter 2, "Installation and Setup Documentation," on page 21	◆ Added information on the *ZENworks 10 Configuration Management Appliance Deployment and Administration Reference*. ◆ Listed *AdminStudio 9.5* Installation Guide.
Chapter 3, "Administration Documentation," on page 23	Replaced *AdminStudio 9.0 User Guide* with *AdminStudio 9.5 User Guide* because ZENworks 10 Configuration Management SP3 currently supports AdminStudio 9.5.