

ZENworks 11 SP3

Test Scenario for Server Migration

This document contains a test scenario for ZENworks 11 SP3 Beta.

Purpose of this Test Scenario

The purpose of this exercise is to help you become familiar with the migration of a 32-bit ZENworks server to a 64-bit ZENworks server.

Note: This scenario is applicable for the migration of a 64-bit Open Enterprise Server to a 64-bit ZENworks Server with other supported platforms. Novell Open Enterprise Server is not supported in ZENworks 11.3.

Assumptions

- The source machine, or Machine A is a 32-bit Primary Server or a 64-bit Open Enterprise Server (Primary Server).
- The destination machine, or Machine B is a 64-bit Primary Server installed using the ZENworks 11.2.0 media and is added to the existing Zone. This 64-bit Primary Server replaces the 32-bit Primary Server (or the 64-bit Open Enterprise Server).

For instructions on installing a new server, see the *ZENworks 11 SP3 Installation Guide* (www.novell.com/documentation/zenworks113/)

Note: If there are two 32-bit machines that have to be migrated, then two new 64-bit machines have to be installed and migrated one after the other.

Test Scenario

- [Migrating a 32-bit ZENworks Server to a 64-bit ZENworks Server](#)

Test Scenario #1: Migrating a 32-bit ZENworks Server to a 64-bit ZENworks Server

Objective

This scenario will enable you to migrate a 32-bit ZENworks server to a 64-bit ZENworks server.

Prerequisites

1. Migration is only supported from ZENworks 11.2.0 or later.
2. While creating Machine B, the same port is used for HTTP and HTTPS in both Machine A and Machine B. If the ports are busy, release them before starting the installation.
3. The machine should have an operating system supported by both ZENworks 11.2.0 and 11.3.0.
4. The source and the destination machine should have the same ZENworks version. The 11.2.0 media should be used to create Machine B, and the System Update media should be used to update the machine. For instructions, see the *ZENworks 11 SP2 System Update Reference* (www.novell.com/documentation/zenworks113/).
5. ZENworks supports a migration between machines that have the same operating system. For example, migration of a ZENworks server from a Windows machine to a Linux machine is not supported. In a Linux machine, migration from RHEL to SLES is not supported.
6. Machine A and Machine B should be on the same subnet.
7. The User Access Control(UAC) should be disabled on Machine A (32-bit Windows server only).
8. The firewall should be disabled on Machine A and Machine B.
9. Migrate the additional Primary Server before the First Primary Server.
10. Migration of multiple servers simultaneously is not supported. Only one server can be migrated at a time.
11. The Network Manager should be disabled before migration.

Procedure

1. On Machine B, use the ZENworks 11 SP3 media and run the following:

On Windows:

```
setup.exe -R or setup.exe --migrate-zenserver
```

On Linux:

```
setup.sh -R or setup.sh --migrate-zenserver
```

This command launches the ZENworks installer. Click *Continue*.

2. Specify the zone credentials, then click *Next*.
3. Specify Machine A's login details (for example, Remote Server Address, Remote Administrator Name, and Password). Click *Next*. The Pre-Migration Summary page is displayed.
4. Click *Install*.

The ZENworks Installer performs the following tasks:

- Copies the configuration file and the content file from Machine A to Machine B.
Note: If an Embedded database is running on Machine A, the Installer migrates this device to Machine B automatically.
 - Disables the network configuration (For example, the IP address, subnet mask, default gateway, and hostname) on Machine A and replicates the same network configuration on Machine B.
 - At the end of this step, the Migration Complete page is displayed. If the migration is successful click *Next*.
 - For a Windows machine, the installer copies Machine A's Registry to Machine B.
5. Click *Next* to open the **Restart Server** page. Select *Yes, restart the system* then click *Done*.
 6. Remove the Machine B object from ZENworks Control Center.
 7. If multiple IPs are configured on Machine A, you need to configure them manually on Machine B.

Expected Results

The migration process is completed successfully.

Logs

If you are unable to successfully perform this scenario, send us the following file:

- *ZENworks_Server_Migration_<TimeStamp>.log*