• • • • • • Deployment Manager Quick Start

This *Quick Start* provides a brief summary of the steps for installing and using Deployment Manager. For more information about any step, see the *Planning and Deployment Guide* or the Deployment Manager online help.

Installing Deployment Manager

You can install Deployment Manager from the Centrify Suite setup program or from a standalone executable. To install Deployment Manager using the standalone executable:

1. Launch the standalone setup program for Deployment Manager for 32-bit or 64-bit operating systems, for example, `CentrifyDM-release-win64.exe`.
2. Click **Next** on the Welcome screen.
3. Accept the license agreement, then click **Next**.
4. Accept the default location for the installation, or select a new location, then click **Next**.
5. Click **Install** to begin the installation, then **Finish** when done.

   In addition to the Deployment Manager files, the setup program installs a Microsoft SQL Server Compact Edition database that serves as a repository for the computer and environment information that Deployment Manager gathers.

Deploying software

Deployment Manager launches automatically following installation by default. The Welcome page displays the four-step process for discovering computers and deploying Centrify software.

Step 1. Build Computer List

Typically, you add computers by specifying a subnet or a range of IP addresses. For this *Quick Start*, you can add a single computer by specifying its host name or IP address. To successfully discover the computer, make sure:

- the computer is on a network segment that Deployment Manager can access
- the computer can respond to ping requests
- you have an account with root privileges or know the password for the root account on the computer you want to discover

1. Click **Add Computers**.
2. Select **Add a single computer**, type the host name or IP address for the UNIX computer, then click **Next**.

   Deployment Manager returns a page with information about the computer you specified. Be certain the computer is selected, then click **Next**.
3. Select **Specify a new set of account information** to provide a new UNIX administrative account for authentication, then click **Next**.

   After you have added an account, you can apply this existing account to other computers that you add, if they have the same login information. For example, if multiple computers have a `root` account with the same password, you only need to specify account information once when adding those computers.
4. Enter the user name for an account with permission to log on to the UNIX computer, then click **Next**.

   If the account does not have the required permissions for privileged commands, select **Specify privileged command in tasks that require root privilege**; then select **sudo** or **su** from the pull-down menu in the **Execute using** field.

   You may need to enter the root password.
5. Select **Authenticate using password** and enter the password for the account you selected on the previous page, then click **Next**.
6. Click **Finish** to exit the wizard and retrieve information for the specified computer.

   Deployment Manager displays the results in a graphic format.
7. Click on the icon for the UNIX computer, and Deployment Manager shows the Deployment Manager node hierarchy in the left pane and the computer in the right pane. It is listed under its OS category.

Step 2. Download Software

If you have an Internet connection, you can download Centrify software from the Centrify Download Center to the Deployment Manager.

1. Click **Download Software**.
2. Select **Download from the Centrify Download Center** if you have Internet access. This is the recommended option to get the latest Centrify software.

- If you select **Download from the Centrify Download Center**, type the email address and password for your `centrify.com` account, then click **Next**. If you don't have an account, you can register for one by clicking the link displayed.

If you don't have Internet access, select **Copy from network or local drive** to install directly from a CD, local drive, or a network share.

- If you select **Copy from network or local drive**, click **Browse** and to browse to the file location, select the folder and click **OK**, then click **Next**.

3 Verify the Analysis Tools and Centrify packages to download or copy, then click **Next**.

4 Click **Finish**. Deployment Manager retrieves the selected packages.

You can navigate to the **Software** node in the left pane to see details about these packages, or simply go to the next step to analyze your environment.

Step 3. Analyze Your Environment

Analyze the operating system, network, and Active Directory settings on the domain you intend to join for compatibility with Centrify software.

1 Click **Analyze**.

2 Enter or accept the name of the domain to analyze, which is the domain you intend to join, and select the number of domain controllers to analyze., then click **OK** to begin the analysis.

Deployment Manager analyzes the UNIX computer with regard to its compatibility with Centrify software and its ability to join Active Directory. When the analysis is complete, you should see your computer in the category, **Ready to Install**. You can now go to the next step to deploy the downloaded software to the UNIX computer.

If your computer is listed under **Ready to Install with Warnings**, you can review the warnings to identify issues you may need to resolve. For this *Quick Start*, you can proceed with the deployment process. In a production environment, you should resolve the open issues and re-analyze the computer before deploying.

If your computer is listed under **Not Ready to Install**, you must correct the errors found before continuing. For more information about correcting errors discovered during analysis, see the *Planning and Deployment Guide*.

Step 4. Deploy Software

You can now deploy the software package you downloaded in Step 2.

1 Make certain the check box for the UNIX computer is selected under Step 4, then click **Deploy**.

2 Select the version of the suite to install, then click **Next**. For example, select:

- **Centrify Express** to install an agent that allows you to join a domain and authenticate users, and Centrify-enabled OpenSSH.
- **Centrify Suite Standard Edition** to install components for access control and privilege management, including Centrify-enabled OpenSSH.
- **Centrify Suite Enterprise Edition** to install components for access control, privilege management, and auditing.

3 Select the suite to install, then click **Next**.

4 Select the suite components to install, then click **Next**.

Note You have the option of joining the computer to the domain when you install the software or at a later time. Typically, this step is performed later after migrating existing user accounts to Active Directory. If you select **Add the computers into Active Directory after install** when you deploy the software, the Deploy wizard prompts you to specify account information and join options.

If you are deploying for testing and evaluation, you can leave **Add the computers into Active Directory after install** selected and continue to the next steps. In production, you should deselect **Add the computers into Active Directory after install** and join later. For more information about migrating users and groups and the join options you should select, see the *Planning and Deployment Guide*.

5 Specify an Active Directory account with sufficient permissions to create a computer object in the specified domain. You can use the currently logged in user, or select **Use another user** and enter an Active Directory account and password, then click **Next**.

6 Specify options for joining Active Directory, then click **Next**.

If you are deploying Centrify Express agents, select Auto Zone. Otherwise, select **Zoned mode**, then click **Browse** to search for and select a zone. For more information about creating zones and the join options you should select, see the *Planning and Deployment Guide*.

7 Specify whether to use the current credentials or another administrative account after joining the domain, then click **Next**.

8 Click **Finish** to complete installation of the agent and to join your computer to Active Directory.

Verify the installation

One simple way to verify a successful deployment is to remotely log on to the UNIX computer and execute the `adinfo -v` command, which returns the version number of the Centrify software package installed.

1. Select the UNIX computer that has the agent software deployed, then right-click and select **Remote Session > SSH > Login as Stored User**.

   A PuTTY session should open automatically for the user account you selected for this computer — without requiring a password.

2. Type the following command:

   ```
   root# adinfo -v
   ```

   which returns the version of Centrify software you have installed.

That's it. You have successfully installed Deployment Manager and run the deployment process to deploy Centrify software to a UNIX computer.