

# Centrify Infrastructure Services

## *Deployment Manager Quick Start*

November 2018 (release 18.11)

Centrify Corporation



## Legal Notice

This document and the software described in this document are furnished under and are subject to the terms of a license agreement or a non-disclosure agreement. Except as expressly set forth in such license agreement or non-disclosure agreement, Centrifry Corporation provides this document and the software described in this document “as is” without warranty of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. Some states do not allow disclaimers of express or implied warranties in certain transactions; therefore, this statement may not apply to you.

This document and the software described in this document may not be lent, sold, or given away without the prior written permission of Centrifry Corporation, except as otherwise permitted by law. Except as expressly set forth in such license agreement or non-disclosure agreement, no part of this document or the software described in this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, or otherwise, without the prior written consent of Centrifry Corporation. Some companies, names, and data in this document are used for illustration purposes and may not represent real companies, individuals, or data.

This document could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein. These changes may be incorporated in new editions of this document. Centrifry Corporation may make improvements in or changes to the software described in this document at any time.

© **2004-2018 Centrifry Corporation. All rights reserved.** Portions of Centrifry software are derived from third party or open source software. Copyright and legal notices for these sources are listed separately in the Acknowledgements.txt file included with the software.

U.S. Government Restricted Rights: If the software and documentation are being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), in accordance with 48 C.F.R. 227.7202-4 (for Department of Defense (DOD) acquisitions) and 48 C.F.R. 2.101 and 12.212 (for non-DOD acquisitions), the government’s rights in the software and documentation, including its rights to use, modify, reproduce, release, perform, display or disclose the software or documentation, will be subject in all respects to the commercial license rights and restrictions provided in the license agreement.

Centrifry, DirectControl, DirectAuthorize, DirectAudit, DirectSecure, DirectControl Express, Centrifry for Mobile, Centrifry for SaaS, DirectManage, Centrifry Express, DirectManage Express, Centrifry Suite, Centrifry User Suite, Centrifry Identity Service, Centrifry Privilege Service and Centrifry Server Suite are registered trademarks of Centrifry Corporation in the United States and other countries. Microsoft, Active Directory, Windows, and Windows Server are either registered trademarks or trademarks of Microsoft Corporation in the United States and other countries.

Centrifry software is protected by U.S. Patents 7,591,005; 8,024,360; 8,321,523; 9,015,103; 9,112,846; 9,197,670; 9,442,962 and 9,378,391.

The names of any other companies and products mentioned in this document may be the trademarks or registered trademarks of their respective owners. Unless otherwise noted, all of the names used as examples of companies, organizations, domain names, people and events herein are fictitious. No association with any real company, organization, domain name, person, or event is intended or should be inferred.

# Contents

Deployment Manager Quick Start .....	4
Installing Deployment Manager .....	4
Basic steps for performing a risk assessment .....	4
Basic steps for deploying Centrify software .....	5

# Deployment Manager Quick Start

You can use Deployment Manager for two main tasks: identity risk assessment and deployment of Centrify software. 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 Deployment Manager setup program or from a standalone executable. If you are downloading and installing Deployment Manager as a standalone executable, download the 64-bit package from the Centrify Download Center. The package will have a file name similar to the following, where *release* is a specific version number such as 5.4.1.

`CentrifyDM-release-win64.exe`

Open the downloaded file and follow the prompts displayed to complete the installation. In addition to the Deployment Manager console, the setup program installs a Microsoft SQL Server Compact Edition database that serves as a repository for all of the computer and environment information that Deployment Manager gathers.

## Basic steps for performing a risk assessment

Performing a security assessment can help you evaluate remote computers for potential security risks, compliance issues, and operational inefficiencies



that might be costly for your organization. By using Deployment Manager, you can follow these simple steps to complete the security assessment:

1. Identify the computers to evaluate.

You can specify how to find the remote computers you want to evaluate, for example, by specifying a local subnet or range of IP addresses of interest.

2. Download the assessment tools software.

The assessment tools software package contains the platform-specific surveyor program for the computers you want to evaluate.

3. Start the assessment on remote computers.

The surveyor program runs on the computers you have selected for evaluation and checks for a wide range of potential issues that you might want to address to improve security in your organization.

4. Generate the identity risk assessment report.

After the surveyor program has collected information from the computers selected for evaluation, you can generate an executive summary of the results or a summary and a detailed report that includes information about the specific tests performed on individual computers.

The security assessment is an optional preliminary step that helps you identify and evaluate risks before deploying Centrify software. In most cases, you should complete a security assessment once on each target set of computers where you plan to deploy the Centrify agent. You can also run the security assessment after deploying agents if you want to compare before and after results.

## Basic steps for deploying Centrify software

Deploying software from a central location can help you manage remote computers more efficiently. By using Deployment Manager, you can follow these simple steps to complete the deployment of Centrify software:

1. Register your account and import Centrify Product Catalog.
  - a. Register your account by visiting [www.centrifys.com](http://www.centrifys.com), navigate to Login and click **Sign Up for a Centrify Website Account**. Enter relevant information and click **Sign up Now**. Note the user name and password.
  - b. Open Deployment Manager, right-click on the top, left **Centrify Deployment Manager** and choose **Options**. Enter your [www.centrifys.com](http://www.centrifys.com) credentials in the General tab, check **Enable Centrify Product Catalog Auto Update**, and click **OK**.
 

**Note** If successful, the screen closes. If an “invalid credentials” error appears, confirm correct credentials and input valid credentials before credentials are saved. The system verifies product catalog update and prompts you with a message “Latest Centrify Product Catalog is ready” along with further instructions.
  - c. Right-click on the top, left **Centrify Deployment Manager** again and choose **Import Centrify Product Catalog**.
  - d. Leave default option **From Centrify website** and click **Next**. Allow it to complete. If successful, the message “Centrify Product Catalog imported” will appear.
2. Add computers to Deployment Manager.
  - Select a method for finding the computers on which you want to install Centrify software, for example, by specifying a local subnet or range of IP addresses.
  - Verify the computer is on an accessible network segment and can respond to ping requests and that you appropriate account credentials to use su or sudo to execute privileged commands.

If you have already added the computers as part of a security assessment, you can skip this step.
3. Download the platform-specific analysis tools and agent software.
  - If you have an Internet connection, select **Download from the Centrify Download Center**, type the email address and password for your [centrifys.com](http://centrifys.com) account

- If you don't have Internet access, select **Copy from network or local drive**, click **Browse** to select the location, then click **Next**.
4. Analyze remote computers for issues that might prevent deployment.
- If your computer is listed under **Ready to Install**, you can go on to the next step to deploy the downloaded software.
  - If your computer is listed under **Ready to Install with Warnings**, review the warnings to determine whether to ignore or resolve the issues found.
  - If your computer is listed under **Not Ready to Install**, you must correct the errors found before continuing.

For more information about resolving open issues, see the *Planning and Deployment Guide*.

5. Deploy Centrify software and, optionally, join the computer to the domain.

Select the computers that are ready to have software installed and click **Deploy**, then follow the prompts displayed to install the Centrify agent to those computers.

In a production environment, you would deselect the option to add computers to Active Directory until you have completed migration for existing user accounts to Active Directory. For this Quick Start, you can leave **Add the computers into Active Directory after install** selected and continue to the next step.

After you complete each step, Deployment Manager displays the results on the Deployment tab and updates the navigational nodes in the left pane.

In most cases, you complete the deployment process for one target set of computers at a time. After deployment, you can use Deployment Manager to perform other administrative tasks, for example, to manage accounts or enable auditing on a remote computer. You can also repeat steps at any time. For example, if you add computers to the network or want to update Centrify software, you would repeat the steps for adding computers or downloading software.

You can verify a successful deployment by logging on to the remote computer and running the `adinfo` command.