

## CENTRIFY DATASHEET

# Centrify Suite Enterprise Edition – Self-Paced Training

## Overview

The process of installing, configuring, and troubleshooting the Centrify software is easy, once you understand the fundamentals. This training will aid your staff in becoming proficient at these tasks, leading to a successful Centrify project. This technical training will lead your team through an example deployment using pre-recorded lectures, lab demonstrations, and training guides.

## Course Logistics

Self-paced training grants students access to a pre-recorded demonstration and lecture. These pre-recorded sessions will be available for 180 days from the date of purchase. Lectures and demonstrations are only available to watch. This self-paced training does not include access to a lab environment; if you would like access to a full lab environment and a live instructor please refer to our Public Training class data sheet.

For each student, the following requirements need to be met:

- One of the following: Windows 7 or higher – Mac OS X 10.9 or higher – iOS 8 or Higher – Android 4.0 or higher
- An internet connection capable of 1Mbps or better for computers – 3G or better for mobile
- A JavaScript enabled web browser

## Pricing and Ordering

Contact your Centrify Sales Representative to order.

## Training Course Details

Items	Details
<b>Duration</b>	4 pre-recorded training videos of approximately 6 hours each
<b>Prerequisites</b>	Students must have a basic understanding of UNIX, Active Directory, and SQL Server
<b>Format</b>	Pre-recorded demonstration and lectures (student lab environment is NOT provided)

## Standard Edition Training Course Materials

Modules and Descriptions	
1	<p><b>Introduction to Centrify (30 minutes)</b> – An overview of Centrify, our products, and dedication to customer satisfaction.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Background</li> <li>• Product line</li> <li>• Customer focus</li> </ul>
2	<p><b>Active Directory and Centrify Software (1 hour)</b> – Preparation for the Centrify deployment requires planning. We will start with a baseline for all teams to understand how the software works, and what elements will make you successful.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Following best practices</li> <li>• Creating organizational units</li> <li>• Overview of the Centrify Software</li> </ul>
3	<p><b>Deployment Manager (1 hour)</b> – There are many ways to deploy the Centrify software but, during training, the Deployment Manager is the fastest method. This sets a foundation for working with UNIX machines in a Windows environment.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Finding UNIX machines</li> <li>• Downloading Centrify agents</li> <li>• Analyzing UNIX machines</li> </ul>
4	<p><b>Zone Design (1.5 hours)</b> – Creating a hierarchical zone structure is crucial to a successful deployment. Understanding the reasons for zones, and how to work with hierarchical inheritance will allow you to design an easy to maintain environment.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Hierarchical user profiles</li> <li>• Global and Child zones</li> <li>• Delegation of control</li> </ul>
5	<p><b>Pre-Create Computers (1 hour)</b> – Being able to visualize your environment before deployment is valuable to ensure access is granted properly. This is one of the first steps to ensuring accuracy is maintained.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Prepare UNIX Computers</li> <li>• Join computers to zones</li> <li>• Preview structure</li> </ul>
6	<p><b>Managing UNIX Users (1 hour)</b> – Traditionally, UID management has been difficult and disparate. We will navigate you through the steps necessary to maintain current UID space, while also preparing for cleanup and simple maintenance.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• User profiles</li> <li>• Levels of profile over-rides</li> <li>• Importing users from current machines</li> </ul>

Modules and Descriptions	
7	<p><b>Basic Roles and Rights (2 hours)</b> – The heart of proper management ensures least privilege is adhered to in your organization. We will discuss the fundamentals for roles, rights, and access in this module.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Levels of access</li> <li>• Assigning rights</li> <li>• Assigning roles</li> </ul>
8	<p><b>Deploying the Software (1 hour)</b> – Using Deployment Manager, the software can be pushed to many UNIX machines at one time. After deployment, we will verify users have appropriate access and learn about the tools Centrify provides.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Using Deployment Manager to push UNIX software</li> <li>• Testing access and roles</li> <li>• Access joined systems with Single Sign-On and KERBEROS</li> </ul>
9	<p><b>Zone Provisioning Agent (2 hours)</b> – A difficult and time consuming task is the maintenance of UIDs. Using the Centrify ZPA can reduce or eliminate this process.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Configuring the ZPA service</li> <li>• Understanding source groups</li> <li>• Review automated and semi-automated capabilities</li> </ul>
10	<p><b>Roles and Rights with DZDO (2 hours)</b> – In keeping with least privilege, this module will focus on advanced capabilities of Centrify roles. We will also learn about the centralization of management for elevated permissions.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Benefits of DZDO</li> <li>• Centralizing permissions</li> <li>• Verifying rights</li> </ul>
11	<p><b>Using Computer Roles (2 hours)</b> – Managing single machines can be tedious. Computer roles will allow management, privileges, and rights to be applied to groups of machines.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Defining a computer role</li> <li>• Creating AD groups for granting rights</li> <li>• Rapid deployment and expansion</li> </ul>
12	<p><b>Multi-Factor Authentication Everywhere (1 hour)</b> – Compromised credentials are a very real threat and can cost an organization everything. Using multi-factor authentication (MFA) increases security and virtually eliminates threats.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Installing and configuring the Cloud Connector</li> <li>• Managing roles and MFA profiles</li> <li>• Demonstration of MFA on an elevated privilege command</li> </ul>

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13	<p><b>Migrating Sudoers (1 hour)</b> – Rather than creating roles and rights individually, Centrify provides an import wizard for this process.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Identifying sudoers data</li> <li>• Importing user and computer roles</li> <li>• Cleaning old data</li> </ul>
14	<p><b>Active Directory Group Policy (1 hour)</b> – Applying a wide range of security policies has never been easier. AD Group Policies will allow for rapid deployment of these policies.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Explanation of Group Policy</li> <li>• Identifying policies for application</li> <li>• Verify policy compliance</li> </ul>
15	<p><b>ADEDIT (1 hour)</b> – For those preferring scripts and terminal interface, Centrify provides a command line interface using SDKs running on UNIX machines.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Using the CLI</li> <li>• Creating adedit queries</li> <li>• Review script sample</li> </ul>
16	<p><b>Direct Authorize for Windows (1 hour)</b> – Centrify is not limited to UNIX machines. The concepts we covered in this course apply to Windows machines as well.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Installing the Direct Authorize for Windows agent</li> <li>• Creating roles, rights, and elevated desktops</li> <li>• Granting permissions based on match criteria</li> </ul>

## Enterprise Edition Training Course Materials

Modules and Descriptions	
1	<p><b>Introduction to Enterprise Edition (30 minutes)</b> – This module introduces the architecture of Enterprise Edition, and provides an overview of the major components.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Planning for a successful deployment and installing and configuring the required components</li> <li>• Integrating the Enterprise Suite with existing organizational procedures</li> </ul>
2	<p><b>Installation and Planning Guidelines (30 minutes)</b> – This module describes how to size your Enterprise installation and determine where to install the auditing infrastructure.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Choosing how many Enterprise database installations to deploy</li> <li>• Estimating the sizes for the Audit Stores and deciding how many Collectors to deploy</li> </ul>

Modules and Descriptions	
<b>3</b>	<p><b>Audit Manager Configuration (1 hour)</b> – This module describes how to install the user interface and database(s) in your Windows and SQL Server environments.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Installing the Audit Manager console</li> <li>• Creating a new Enterprise Installation</li> <li>• Creating an Audit Store</li> </ul>
<b>4</b>	<p><b>Collectors and Agents (1 hour)</b> – This module covers the installation of the infrastructure including the collectors and agents.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Installing the Collector</li> <li>• Installing the Agents on Windows, UNIX and Linux Computers</li> </ul>
<b>5</b>	<p><b>Auditing Unleashed (1 hour)</b> – This module focuses on the usage and review of auditing sessions and auditor roles.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Creating additional auditor roles</li> <li>• Reviewing and managing Audit sessions</li> <li>• Creating and sharing queries among auditors</li> </ul>
<b>6</b>	<p><b>Using DZDO Validator (30 minutes)</b> – This module covers product enhancements and additional features that can be customized for your organizational needs.</p> <p>Key topics:</p> <ul style="list-style-type: none"> <li>• Using change control tickets</li> <li>• Scripting enhanced features</li> </ul>

## About Centrifly

Centrifly is the leader in securing enterprise identities against cyberthreats that target today's hybrid IT environment of cloud, mobile and on-premises. The Centrifly Identity Platform protects against the leading point of attack used in data breaches — compromised credentials — by securing an enterprise's internal and external users as well as its privileged accounts. Centrifly delivers stronger security, continuous compliance and enhanced user productivity through single sign-on, multi-factor authentication, mobile and Mac management, privileged access security and session monitoring. Centrifly is trusted by over 5000 customers, including more than half of the Fortune 50. Learn more at [www.centrifly.com](http://www.centrifly.com).

**Santa Clara, California:** +1 (669) 444-5200      **Email:** sales@centrifly.com  
**EMEA:** +44 (0) 1344 317950      **Web:** www.centrifly.com  
**Asia Pacific:** +61 1300 795 789  
**Brazil:** +55 11 3958 4876  
**Latin America:** +1 305 900 5354

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