

Centrify Suite Jump Start Standard Service

What is the Centrify Suite Jump Start Standard Service?

The Centrify Suite Jump Start Service is designed to give enterprises the hands-on experience and training required to get a quick start on the deployment and use of Centrify DirectControl across their UNIX and Linux systems. The service includes a three day (3) on-site training for up to ten (10) staff covering the Centrify DirectControl solution, on-site assistance deploying a pilot environment (up to 25 systems) and documentation detailing the customer's current environment and a high-level plan to successfully complete the deployment.

Benefits

- Achieve 50% faster time-to-production
- Gain hands-on experience deploying the Centrify solution
- Reduced management overhead
- A consistent, supportable implementation based on your existing business practices
- Reduced troubleshooting complexity

Deliverables

At the completion of the service, you will receive the following:

- A tailored deployment 'playbook' document for deploying the DirectControl product in your environment
- Centrify DirectManage configured to deploy the rest of your environment
- Documentation of your existing environment
- Ten staff trained on the Centrify Suite Standard Edition
- Centrify DirectControl deployed on up to 25 systems

Duration

9 days total (6 days pilot deployment, 3 days training)

Who Should Attend

Unix/Linux, Windows, Security and/or System Administrators who need to deploy and administer the DirectControl product in their environment.

Prerequisites

- The participants should have a basic understanding of Windows, Active Directory and UNIX/Linux user authentication
- Intended for IT environments with no more than 250 UNIX or Linux systems
- Centrify Deployment Manager installed and configured prior to onsite services

Prerequisites (cont.)

- Completion of up to Step 3 in Deployment Manager – “Analyze your environment” completed for the 10 target systems and results sent to Centrify two weeks prior to onsite services
- All issues identified during Step 3 resolved prior to onsite services
- Approval to create Organizational Unit for storage of Unix data prior to Centrify being onsite
- Individual with appropriate Active Directory permissions is available during onsite services
- All Change Control required for implementation of Centrify DirectControl must be approved prior to services team arriving on-site.
- Service does not include NIS or LDAP data migration

Note: All UNIX groups and systems, Provisioning Groups, Service Accounts, Role Groups, Licenses, Zone Administration Groups and Zones must be stored under a single organizational unit. In addition, the service does not include NIS or LDAP data migration.

Logistics

A reserved conference room should be equipped with a LCD projector and a whiteboard with dry-erase markers and a printer should be available. It is recommended that participants bring laptops with network connectivity to download additional documentation as required. Please see the Course Logistics in the training details section for specific hardware requirements for the class portion.

Pricing and Ordering

\$23,000 (includes all travel and expenses – minimum 3 week notice required for scheduling, only applicable in North America). This offering is invoiced on purchase and is valid for 6 months from the date of purchase. Contact your Centrify Sales representative to arrange for a time, place, and schedule. Or email us at training@centrify.com.

Daily Logistics

Days	Activity
1, 2 and 3	Centrify Suite Standard Edition on-site training for up to 10 staff
4	Customer interviews and installation of console
5	Deployment to systems, build out of OU structure and Zones
6,7,8	Join remaining systems to Active Directory
9	Produce final documentation and perform hand off of the deployment plan

Centrify Suite Standard Edition Training Course Overview

At the completion of the Centrify Suite Standard Edition training class your staff will be proficient at installing, configuring and troubleshooting the Centrify Suite Standard Edition product in your environment. This technical training is conducted over three (3) days on-site at the customer's facility.

Training Course Details

Item	Detail
Course Type	Technical Product Training
Duration	3 days
Who should attend?	Security and System Administrators for Window, UNIX and Linux systems who need to deploy and administer the Centrify Suite Standard Edition product in their environment.
Prerequisites	<ul style="list-style-type: none"> - The student should have an advanced understanding of Windows, UNIX, Linux, and user authentication. - Viewing of the Active Directory & UNIX Fundamentals online courses at http://www.centrify.com/support/training.asp (Requires a Centrify support account to access.)
Format	60% lecture accompanied by hands-on lab
Course Materials	Participants receive a USB stick with copies of all slides, handouts and lab materials. Printed materials are available on special request.
Course Logistics	<p>Classes are held at the customer's site or at a venue (such as a hotel conference room) arranged by the customer. The room should be configured in classroom style and be equipped with a LCD projector, a white board, and power outlets to support 12 computers. For each student, the customer needs to provide a computer* with the minimum hardware requirements listed below:</p> <ul style="list-style-type: none"> - 4 GB memory - 35 GB free disk space - Running Windows 7 - Ability to copy data from a USB drive - Dual-core processor or better - 64 Bit Operating system that can utilize 4 GB of memory <p>* Centrify provides the option of providing the equipment required for the training class for an additional \$2,000</p>
Class Size	A maximum of 10 students

Day One Training Course Modules

Day	Module & Description
DAY ONE	<p>1</p> <p>Centrify Deployment Project Overview – Describes the three major components in a successful deployment of the Centrify Standard Suite. Key topics:</p> <ul style="list-style-type: none"> - Gathering the Users & Groups in your environment - Uncovering common data quality problems - Analyzing the data to create a clean set of Users & Groups <p>Target Audience: General purpose</p>
	<p>2</p> <p>Active Directory Setup – Describes Centrify Professional Services’ best practices for storing UNIX data in Active Directory. Key topics:</p> <ul style="list-style-type: none"> - Selecting the best location to store your UNIX data - Building an organizational unit structure - Establishing separation of duties to manage the UNIX systems & data <p>Target Audience: Security Administrators, Active Directory and UNIX System Administrators</p>
	<p>3</p> <p>Installing the Centrify Suite on Windows – Describes how to install DirectControl on Windows. Key topics:</p> <ul style="list-style-type: none"> - Creating a machine inventory for your environment - Using Deployment Manager to distribute adcheck to all the UNIX computers - Running adcheck on each UNIX computer - Taking actions based on the results of adcheck <p>Target Audience: Security Administrators, Active Directory Administrators</p>
	<p>4</p> <p>Configuring the Centrify Suite on Windows – Describes how to configure Centrify Suite on Windows. Key topics:</p> <ul style="list-style-type: none"> - Deployment Manager is the foundation for UNIX software deployment - The DirectControl Console is the foundation for UNIX authentication and authorization - The Zone Provisioning Agent is the foundation for automated provisioning <p>Target Audience: Security Administrators, Active Directory and UNIX System Administrators</p>
	<p>5</p> <p>Using adcheck to identify deployment problems – This module describes how to identify and remediate issues that would prevent installing the Centrify Suite on UNIX computers. Key topics:</p> <ul style="list-style-type: none"> - The DirectControl Console is the foundation for UNIX authentication and authorization - Deployment Manager is the foundation for UNIX software deployment - The Zone Provisioning Agent is the foundation for automated provisioning <p>Target Audience: Security Administrators, Active Directory Administrators</p>
	<p>6</p> <p>Installing the Centrify Suite on UNIX – This module describes how to install the Centrify Suite on UNIX and Linux computers. Key topics:</p> <ul style="list-style-type: none"> - Using Deployment Manager to install the Centrify Suite - Installing the Centrify Suite using a script - Installing the Centrify Suite using platform-specific installation commands <p>Target Audience: UNIX System Administrators</p>

Day Two Training Course Modules

Day	Module & Description
DAY TWO	<p>7</p> <p>Planning for Zones – This module discusses the steps necessary to determine what Zones you will create in your environment. Key topics:</p> <ul style="list-style-type: none"> - Gathering the Users & Groups in your environment - Uncovering common data quality problems - Analyzing the data to create a clean set of Users & Groups <p>Target Audience: Security Administrators, UNIX System Administrators (All Day)</p>
	<p>8</p> <p>Creating the Initial Zones – This module covers the three-step process in creating new Zones. Key topics:</p> <ul style="list-style-type: none"> - Deciding on Hierarchical or Classic Zones - Creating a Global Zone - Creating a Child Zones
	<p>9</p> <p>Importing UNIX Computers, Groups and Users – This module defines the three step process for importing an existing UNIX computers, groups and users into Zones. Key topics:</p> <ul style="list-style-type: none"> - Step 1: Pre-Creating your UNIX computers - Step 2: Importing your UNIX groups - Step 3: Importing the users on your UNIX systems
	<p>10</p> <p>Role Groups Role Overrides and Provisioning Groups – This module covers the different types of Role Groups and Overrides you can use for your environment. Key topics:</p> <ul style="list-style-type: none"> - Efficiently organizing users into Role Groups - Using Role Overrides to handle unusual circumstances - Adding existing users and groups to Provisioning Groups
	<p>11</p> <p>Joining UNIX computers to Active Directory – This module completes the basic migration from legacy authentication systems to Active Directory. Key topics:</p> <ul style="list-style-type: none"> - Using Deployment Manager to join UNIX computers to Active Directory - Using the 'adjoin' command to connect UNIX computers to Zones - Verifying logins work for existing UNIX users
	<p>12</p> <p>Adding new user and group profiles – This module establishes a consistent process and software control for user and group fulfillment. Key topics:</p> <ul style="list-style-type: none"> - Defining the business rules for the Universal Zone - Making a new UNIX user an effective user of a Zone - Adding a new UNIX Group profile to all Zones

Day Three Training Course Modules

Day	Module & Description
DAY THREE	<p>13</p> <p>Troubleshooting the Centrify Standard Suite – This module presents solutions to the most common types of problems encountered with the Centrify Suite. Key topics:</p> <ul style="list-style-type: none"> - Troubleshooting when a user cannot login to a UNIX system - Troubleshooting system problems with DirectControl on UNIX - Troubleshooting problems with Active Directory <p>Target Audience: Security Administrators, UNIX System Administrators and Windows Administrators</p>
	<p>14</p> <p>Role-Based Access Control – This module presents DirectAuthorize PAM Access Roles, which can be used to reduce the overall number of Zones. Key topics:</p> <ul style="list-style-type: none"> - Creating a role for the root equivalent user - Creating a role for shared/generic account users - Creating a role for fire call/break the box scenarios <p>Target Audience: Security Administrators, UNIX System Administrators</p>
	<p>15</p> <p>Mapping UNIX Service Accounts to Active Directory – This module discusses how to map your high privilege services accounts to Active Directory so their passwords can be centrally managed. Key topics:</p> <ul style="list-style-type: none"> - Identifying a common scenario for service account migration - Mapping the UNIX Service Account using Deployment Manager - Mapping UNIX service accounts to Active Directory <p>Target Audience: Security Administrators, UNIX System Administrators</p>
	<p>16</p> <p>Migrating UNIX service accounts to Active Directory – This module discusses how to migrate your high privilege services accounts to Active Directory so they can be centrally managed. Key topics:</p> <ul style="list-style-type: none"> - Creating a new service account and a new Role - SSH public key authentication of UNIX Service Accounts - Kerberos SSH authentication of UNIX service accounts <p>Target Audience: Security Administrators, UNIX System Administrators</p>
	<p>17</p> <p>Removing legacy data – This module describes the clean up process for local accounts and sudoers files. Key topics:</p> <ul style="list-style-type: none"> - Migrated users and groups should only be in Active Directory - Cleaning up legacy sudoers files - Reducing the number of Zones <p>Target Audience: Security Administrators, UNIX System Administrators and Windows Administrators</p>

About Centrify

Centrify delivers integrated software and cloud-based solutions that centrally control, secure and audit access to mobile devices, cross-platform systems and applications by leveraging the infrastructure organizations already own – Microsoft Active Directory.

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