

# What's New in Centrify Suite 2012 Standard Edition

## Introduction

The Centrify Suite 2012 centrally controls, secures and audits access to cross-platform systems and applications by leveraging an infrastructure you already own – Active Directory. Centrify Suite 2012 allows organizations to quickly and effectively meet compliance requirements and mitigate risks from internal threats while at the same time reducing operational costs. The new features in Centrify Suite 2012 Standard Edition further empower enterprises to easily consolidate silos of identity and secure privileged user access across UNIX, Linux and Mac systems. An integrated solution, Centrify Suite 2012 Standard Edition – consisting of DirectControl 5.0, DirectAuthorize 2.0 and DirectManage 5.0 – enables secure authentication, identity consolidation and privileged access management for the broadest set of platforms deployed on-premise and in the cloud.

The unique capabilities such as Hierarchical Zones and Computer Roles, now available in Centrify Suite 2012, make it the easiest and most scalable solution for bringing existing UNIX and Linux identities into Active Directory, and logically managing relationships between users, groups and computer roles in a cross-platform system environment.

## Highlighted Features & Benefits

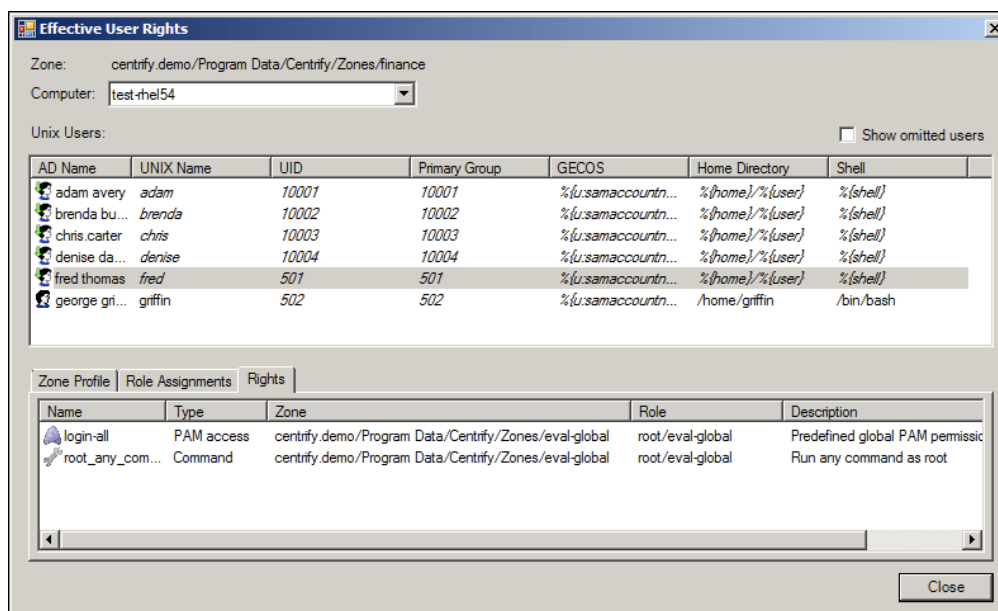
- **Easily centralize management of complex and disparate UNIX and Linux systems** with Centrify's unique Hierarchical Zones capabilities supporting inheritance and individual overrides of attributes.
  - Quickly migrate legacy UNIX and Linux identities into Active Directory without requiring UID/GID clean-up and rationalization, a painful process that puts project success at risk.
  - Reduce cost and complexity of controlling and managing UNIX and Linux systems by consolidating identities into a proven, robust and scalable identity framework you already own – Active Directory.
- **Enforce a “least-access” model for privileged users** using Centrify Zones and Computer Roles.
  - Mitigate insider threats by enforcing a least-access model to systems and applications, ensuring staff have only the access rights and privileged commands required for their job function.
  - Reduce business risk and streamline IT operations with a delegated administration model that strictly enforces separation of duties and dictates who is authorized to grant and manage administrator privileges on systems or groups of systems.
- **Replace legacy NIS infrastructure** and simplify NIS migration with an Active Directory-centric management solution
  - Reduce operational costs and dramatically improve compliance by removing an inherently unsecure and unsupported NIS infrastructure.
  - Simplify ongoing management of netgroups through Computer Roles and Active Directory groups.
- **Rapid deployment and improved administration** of non-Windows systems with new DirectManage capabilities.
  - Improve operational efficiency by rapidly discovering, configuring and joining new systems and updating existing systems.
  - Simplify integration with existing management tools and processes through improved command-line administration supporting automation and scripted management.
- **Expanded platform coverage.** Centrify now supports over 300 platforms with the largest and most experienced staff dedicated to supporting the broadest set of platforms and applications.

## Key Capabilities Detail

Centrify Suite 2012 Standard Edition significantly improves DirectControl, DirectAuthorize and DirectManage, making the migration of complex UNIX and Linux environments organized and efficient. The Standard Edition of Suite 2012 includes DirectControl 5.0, DirectAuthorize 2.0 and DirectManage 5.0 (which contains Deployment Manager 2.1, Administrator Console 5.0 and improved UNIX command-line tools).

## Easily Centralize Management of Complex and Disparate UNIX and Linux Systems

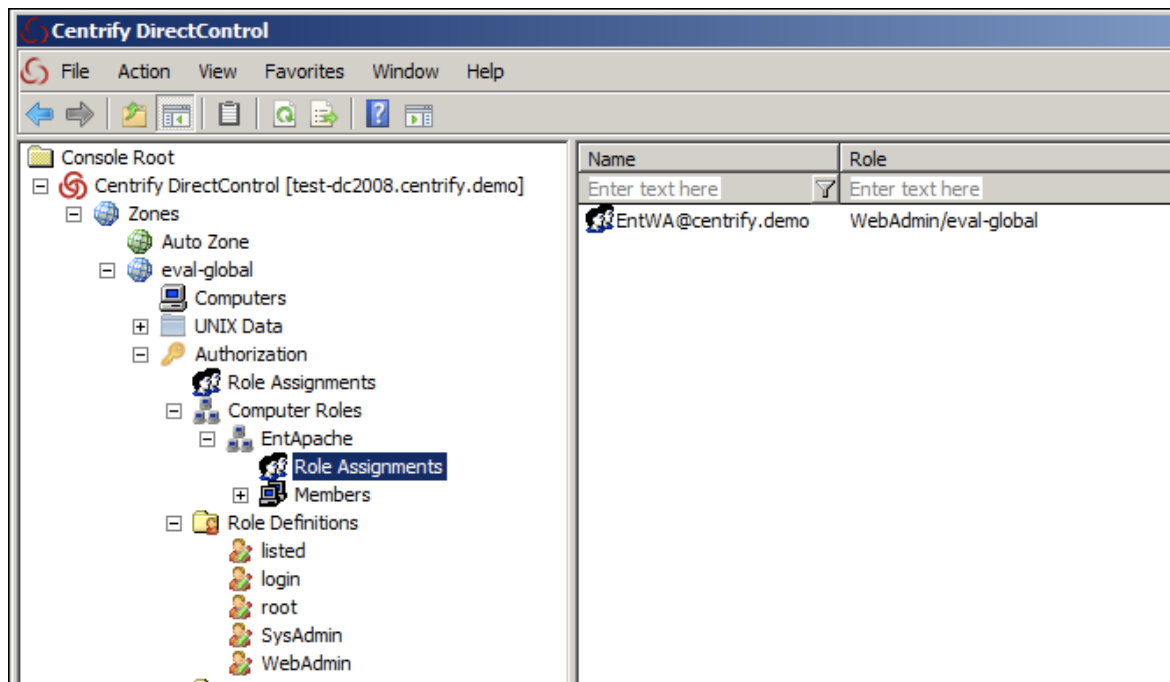
Feature	Description
<b>Simplified migration of complex UNIX environments</b>	Centrify Suite 2012's unique Hierarchical Zones supporting inheritance and overrides makes the migration process easier and the setup of a centralized identity and access management framework within Active Directory sustainable.
<b>Global Zone</b>	Centralization of UNIX system management into Active Directory enables organizations to define a globally preferred UNIX identity namespace, across which will be used for new users and new systems brought into the environment.
<b>Inheritance and attribute overrides</b>	UNIX identities within the Global Zone will be inherited across the hierarchy of Zones and their computers to establish the preferred UNIX namespace. Global Zone identities can be overridden across computers in a Zone or for a single computer in order to address legacy namespaces and simplify the centralization of legacy systems without requiring rationalization of existing systems.
<b>UNIX profile variables</b>	Using variables within the UNIX profile in the Zone hierarchy, you can now describe a home directory at the top of the tree as a variable and then either (1) define that variable within a Zone in the tree for all systems in or below that Zone or (2) simply allow the DirectControl agent on the system to use the operating system's appropriate default value locally.
<b>Delegation and inheritance</b>	Administration for a group of UNIX systems can now be delegated under the authority of upper-level UNIX administrators through Hierarchical Zones. This enables upper-level administrators to define global identity and access policies that will be enforced across all child Zones.



Profiles, roles and rights granted at higher levels are inherited through the Zone hierarchy.

## Enforce a "Least-Access" Model for Privileged Users

Feature	Description
<b>Computer Roles enable natural assignment of rights</b>	Computer Roles enables administrators to more naturally grant user access rights, such as granting web administrators the appropriate access rights and privileges to the web servers within the environment.
<b>Rights granted independent of UNIX namespace</b>	The comprehensive integration of DirectAuthorize into both DirectControl and the new Hierarchal Zone structure creates an environment where users can be given a UNIX identity independent of any rights or privileges to access the computer systems.
<b>System rights uniquely enable additional user login controls</b>	System Rights are defined for each user role to enable administrators to control both user login properties such as password allowed or not for single sign-on only access as well to grant rights to a full or restricted shell.
<b>Authorization validator</b>	DirectAuthorize now supports calling out to a validator, prompting the administrator for a change control ticket number to be validated prior to any privileged command execution.



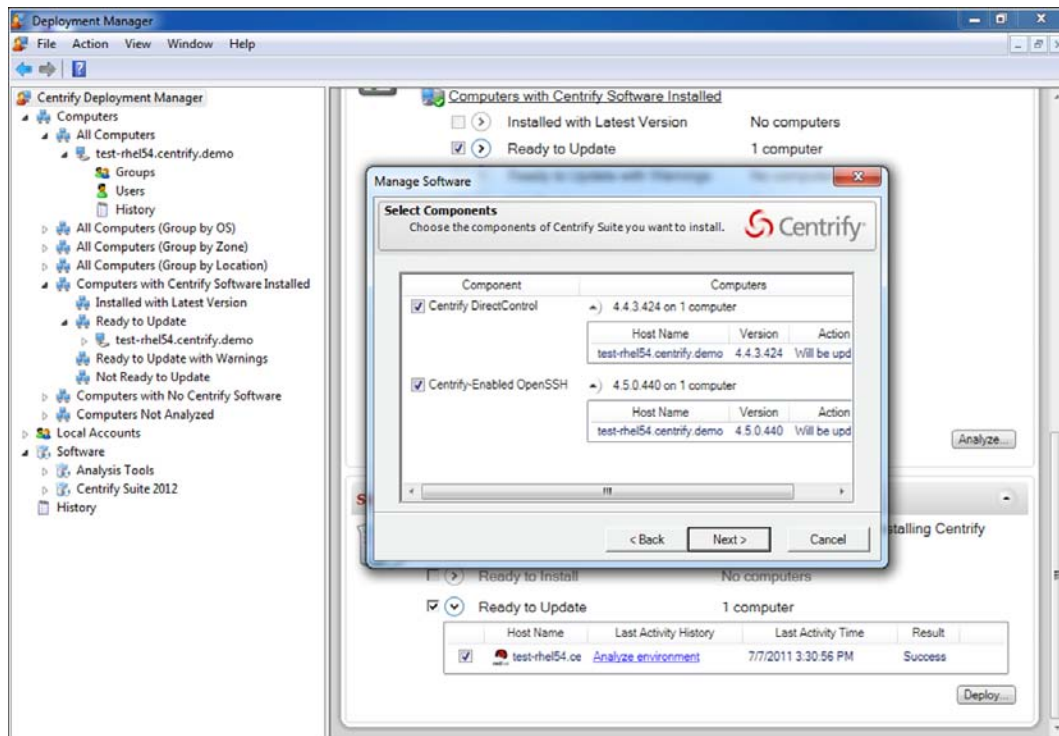
**Computer Roles** simplify granting users in a role the appropriate access and privileges to the computers serving a specific purpose, making management of privileges efficient and organized.

## Replace Legacy NIS Infrastructure

Feature	Description
<b>NSS support for all NIS maps</b>	NSS support for all NIS maps eliminates the hand editing of data files and the use of makefiles and scripts to generate maps; everything is managed centrally within Active Directory.
<b>Netgroup migration to Active Directory groups</b>	Netgroup policies can be converted to Active Directory groups and Computer Roles, allowing for an organized and efficient management of these privileges.

## Rapid Deployment and Improved Administration of Non-Windows Systems

Feature	Description
<b>Automated deployment of Centrify Suite Enterprise Edition to systems on-premise and in the cloud</b>	Deployment Manager automates the discovery of computers within the environment both on premise as well as in hosted clouds, analysis of their readiness to join Active Directory supporting remote fix in many cases, installation of Centrify Suite 2012 Standard and Enterprise Editions as well as joining these systems into a Hierarchical Zone structure within Active Directory.
<b>Easily upgrade existing deployments</b>	Deployment Manager now supports updates to Centrify Suite versions and upgrades of Centrify Suite editions for improved operational efficiency.
<b>Simplify and automate administration</b>	Simplify integration with existing management tools leveraging Active Directory group management tools and processes. Simplify administration from UNIX with improved command-line administration tools supporting automation and scripted management.



**DirectManage Deployment Manager** now supports updates to Centrify Suite to simplify IT operations and allow administrators to perform automated updates to multiple systems at one time.

## Expanded Platform Coverage

Centrify supports over 300 platforms including the new releases below.

- CentOS 6.0, 5.6 and 4.9 (32- and 64-bit)
- Debian 6 (32- and 64-bit)
- Fedora 15 (32- and 64-bit)
- Mandriva 2011 One Beta
- Oracle Linux 6 (32- and 64-bit)
- Red Hat Enterprise Linux Desktop 5.7, 6.1 (32-bit, 64-bit)
- Red Hat Enterprise Linux 5.7, 6.1 (32- and 64-bit, PPC and Intel Itanium)
- Scientific Linux 6.1, 5.6, and 4.9 (32- and 64-bit)
- Ubuntu Desktop 11.04 (32- and 64-bit)
- Ubuntu Server 11.04 (32- and 64-bit)