

# Centrify Zero Trust Privilege for Red Hat

Advanced Red Hat Enterprise Linux to Active Directory Integration,  
Group Policy Enforcement, Privilege Management and Audit

Centrify Zero Trust Privilege Services enable IT administrators to manage and secure Red Hat Enterprise Linux systems using the same identity and access management tools and processes across Red Hat and 450 versions of UNIX, Linux and Windows systems. Centrify's ability to consistently enforce security policies required for compliance with corporate mandates and federal regulations gives IT operations and security teams the flexibility to support trends that are increasing the numbers of Red Hat systems, among a diverse set of on-premises and cloud-based platforms.

## Why Customers Choose Centrify for Red Hat

### Advanced Active Directory Integration & Privilege Management

Centrify Zero Trust Privilege Services deliver centralized authentication, authorization and administration of Red Hat systems within Active Directory that empowers organizations to fully manage Red Hat uniformly with other Linux, UNIX and Windows systems. Support for offline login leveraging cached credentials and separation of administrative duties means Red Hat system administrators do not require root access to perform their jobs; all administrators log in using their Active Directory credentials and elevate privilege as needed. Unifying the management of identities, access and privileges centrally within Active Directory results in improved security and increased operational efficiencies that lower the cost of managing Red Hat, Linux, UNIX and Windows systems.

### Time-to-Value

Heterogeneous data centers with hundreds, thousands or even tens of thousands of servers require robust deployment, migration and automation tools to accelerate and streamline the identity consolidation process. Centrify offers tools for systems analysis and risk assessment, automated discovery of servers and software deployment, management of different UID/GID namespaces and NIS AND sudo migration. These tools accelerate time-to-value by automating best practices developed through a decade of experience and thousands of successful deployments.

### Digital Certificate Lifecycle Management

When configured using Group Policy, Centrify-managed services can automatically detect if a service requires a machine certificate to be present. The Red Hat system will automatically request, download and install a machine certificate and make it available to services such as 802.1x and VPNs. When certificates reach their expiration lifetime, the Centrify agent on the Red Hat system will automatically request a new certificate and update the certificate.

### Rich Group Policy Support

Centrify Zero Trust Privilege Services are a very robust solution that enables IT managers to centrally secure and configure Red Hat systems through Active Directory Group Policy. When Red Hat systems are used as workstations, the Centrify solution provides a rich set of user and computer policies that have been tailored to the needs of IT managers who are responsible for the security and directories synced to centralized network storage. Desktop users can be configured with either local or network home directories, including those on SMB, AFP or NFS-mounted shares.

### Single Solution for Identity Management, Audit and Compliance Reporting

Centrify Zero Trust Privilege Services are a single solution for identity management and auditing that centralize identities, security policies, privilege management, activity auditing, and regulatory compliance reporting. Full video capture of privileged sessions and detailed metadata (e.g. commands executed) are tracked and associated with an individual for a complete audit trail across Red Hat, Linux, UNIX and Windows systems. Detailed compliance reports prove that access controls are in place and working as designed.

### CAC & PIV Smart Card Support

The Centrify Zero Trust Privilege solution provides support for CAC, CAC NG, PIV and PIV-I smart card-based login to Active Directory in the same fashion as Window systems, ensuring strong authentication and single sign-on to other applications and services for Active Directory users. Smart card login combined with Centrify's ability to enforce security policies required in high security environments helps to ensure compliance with corporate and federal policies, enabling further adoption of Red Hat systems in these environments.

## The Broadest Platform Support in the Industry

With support for more than 450 platforms, Centrify Zero Trust Privilege Services secure and manage the industry's broadest range of operating systems.

## World-class Dedicated Red Hat Support Experts

Centrify's support organization has deep expertise in all aspects of Red Hat administration and Active Directory integration, ensuring successful deployment of Centrify's solutions even in the most complex enterprise environments. And Centrify has dedicated Red Hat experts that provide timely and knowledgeable support for continued efficient operation of Centrify solutions in your environment.

## Centrify for Red Hat Benefits

- **Centrify Zero Trust Privilege Services Empower.** Centrify Zero Trust Privilege for Red Hat empowers enterprises to support, secure and manage Red Hat systems using familiar Active Directory skills, processes and tools.
- **Unified Administration.** Linux user accounts, login and authorization rights are managed in Active Directory and administrators can have local privileges just like Windows systems.
- **Consistent Policy Enforcement.** Use consistent security controls across Red Hat, Linux, UNIX and Windows systems required for corporate governance and regulatory compliance.
- **Transparency.** Users will see no change in their Red Hat user experience, while the systems are centrally managed, enabling IT to provide a much higher level of service to these users.
- **Consistency.** User environments are centrally managed to ensure a consistent interface when users move between multiple Red Hat systems.
- **Increased User Productivity.** Users gain seamless access to network home directories, Windows shares and services such as Exchange, SQL and IIS servers.

Our mission is to stop the leading cause of breaches – privileged access abuse. Centrify empowers our customers with a cloud-ready Zero Trust Privilege approach to secure access to infrastructure, DevOps, cloud, containers, Big Data and other modern enterprise use cases. To learn more, visit [www.centrify.com](http://www.centrify.com).

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