

# Red Hat Identity Management

Red Hat Enterprise Linux 7

**Joshua Preston**  
Solution Architect  
Red Hat, Inc.  
[jpreston@redhat.com](mailto:jpreston@redhat.com)



# Red Hat Identity Management

Included as a part of Red Hat Enterprise Linux (RHEL), Red Hat Identity Management (IdM) delivers centralized Identity and Policy management for RHEL across the enterprise.



# Centralize Management of Identities

Manage users, groups, and hosts for all Red Hat Enterprise Linux servers from one interface

Leverage users and groups in an existing Active Directory

Dynamically customize identity data for unique views

The top screenshot displays the 'Users' page in the Red Hat Identity Management interface. It features a search bar and a table with columns for 'User login', 'First name', 'Last name', 'Status', 'UID', and 'Email address'. The table lists several users, including 'admin', 'ajackson', 'ajohnson', 'alincolin', 'bcinton', 'bharriso', 'bobama', 'carthur', 'ccoolidge', 'ddeisenh', and 'fbroussev', all with a status of 'Enabled'.

User login	First name	Last name	Status	UID	Email address
admin		Administrator	Enabled	1135400000	
ajackson	Andrew	Jackson	Enabled	1135400022	ajackson@lap...
ajohnson	Andrew	Johnson	Enabled	1135400032	ajohnson@lap...
alincolin	Abraham	Lincoln	Enabled	1135400031	alincolin@lap...
bcinton	Bill	Clinton	Enabled	1135400056	bcinton@lap...
bharriso	Benjamin	Harrison	Enabled	1135400038	bharriso@lap...
bobama	Barack	Obama	Enabled	1135400058	bobama@lap...
carthur	Chester	Arthur	Enabled	1135400036	carthur@lap...
ccoolidge	Calvin	Coolidge	Enabled	1135400044	ccoolidge@lap...
ddeisenh	Dwight D.	Eisenhower	Enabled	1135400048	ddeisenh@lap...
fbroussev	Franklin D.	Roosevelt	Enabled	1135400046	fbroussev@lap...

The bottom screenshot displays the 'User Groups' page in the Red Hat Identity Management interface. It features a search bar and a table with columns for 'Group name', 'GID', and 'Description'. The table lists several system groups, including 'admins', 'adusers', 'domain\_admins', 'editors', 'helpdesk-admins', 'ipausers', 'presidents', and 'satellite-admins', each with a unique GID and a specific description.

Group name	GID	Description
admins	1135400000	Account administrators group
adusers		
domain_admins		
editors	1135400002	Limited admins who can edit
helpdesk-admins	1135400004	Help Desk
ipausers		Default group for all users
presidents	1135400059	U.S. Presidents
satellite-admins	1135400014	



# Manage Consistent Policy

Deploy granular Host Based Access Control and Sudo rules

Implement SELinux user maps

Define flexible per-group password policies

The screenshot displays the configuration page for the 'web-login-access-rule' HBAC rule in the Identity Management console. The page is organized into several sections:

- Who:** The rule applies to 'Specified Users and Groups'. Under 'Users', the 'web-devs' group is selected.
- Accessing:** The rule applies to 'Specified Hosts and Groups'. Under 'Host Groups', the 'web-servers' group is selected.
- Via Service:** The rule applies to 'Specified Services and Groups'. Under 'Service Groups', the 'login-services' group is selected.

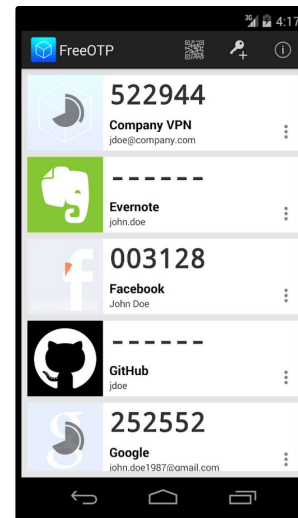
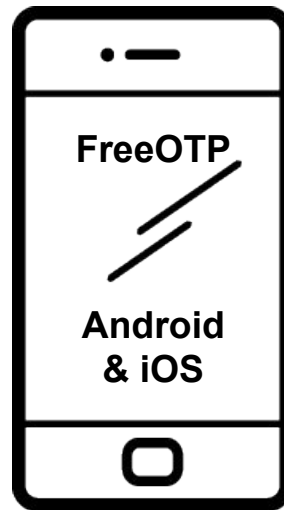


# Deploy Advanced Security Mechanisms

Two-Factor Authentication (HOTP/TOTP)

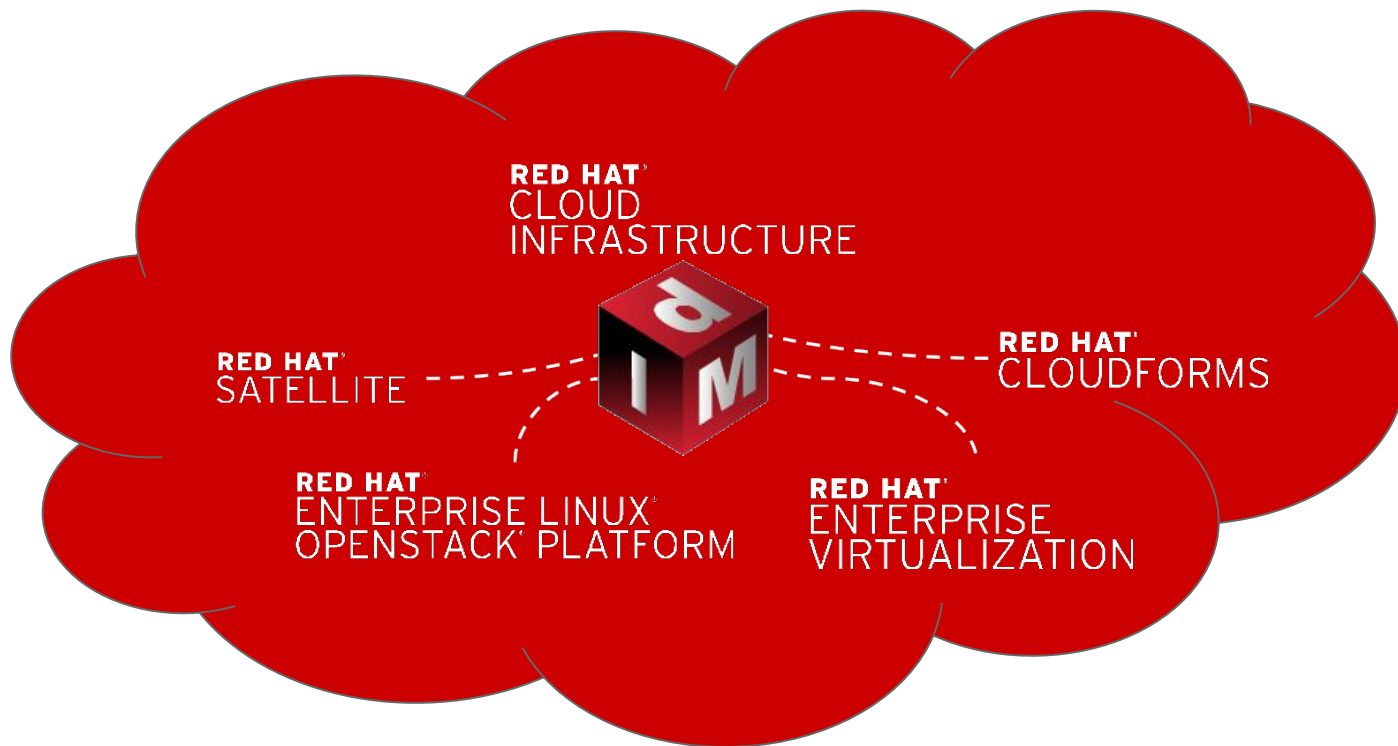
Centralized management of user and host  
SSH keys

Certificate Management for hosts and  
services





# Secure Red Hat Cloud Infrastructure





redhat.®



# Accelerate with Red Hat Enterprise Linux 7.2

Extend enterprise identity to web applications and public cloud with Web SSO

Enhance user security with User Certificates for signing and authentication

Securely manage secrets and keys with the Password Vault

Include Remote and DMZ clients securely with the Kerberos Proxy





redhat.®