

RH362

## Red Hat Security: Identity Management and Authentication

**Duration: 5 Days**

### Course description

Red Hat Security: Identity Management and Authentication (RH362) provides the skills to configure and manage Identity Management (IdM), the comprehensive identity management component bundled with Red Hat Enterprise Linux. This course helps students to gain the skills with this technology most requested by customers.

Some topics covered in this course are central management and provisioning of user accounts; design and installation of IdM server topologies; operation of the integrated DNS and TLS Certificate Authority services; management of two-factor authentication, smart card authentication, and operation as a single-sign on provider; integration and management of two-way trusts with Active Directory; and troubleshooting and disaster recovery planning. Registration of Linux clients to IdM and operation in enterprise environments that use both Linux and Microsoft Windows clients and servers is discussed.

### Course Outline

1. Identity Management in Red Hat Enterprise Linux  
Introduce Identity Management in Red Hat Enterprise Linux (IdM) and its high-level architecture.
2. Identity Management Core Technologies  
Review the core technologies of Identity Management (IdM) in Red Hat Enterprise Linux.
3. Installing Identity Management in Red Hat Enterprise Linux  
Install Identity Management servers, replicas, and clients on Red Hat Enterprise Linux 9.
4. Implementing an Identity Management Topology  
Implement continuous functionality and high availability of IdM services in single-site and geographically distributed topologies.

5. Managing the CA and DNS Integrated Services  
Manage the Certificate Authority (CA) and the Domain Name System (DNS) services that are integrated with Identity Management.
6. Managing Users and Controlling User Access  
Configure users for authorized access to services and resources.
7. Configuring Alternative Authentication Services  
Configure and manage smart card authentication, secrets, and two-factor authentication.
8. Integrating Identity Management with Active Directory  
Implement a cross-forest trust between Identity Management and Active Directory, and configure ID views to map POSIX attributes to Active Directory users.
9. Integrating Identity Management with Red Hat Utilities  
Integrate an Identity Management deployment with Red Hat Satellite and Red Hat Ansible Automation Platform.
10. Troubleshooting and Disaster Recovery Planning for IdM  
Troubleshooting and preparing for disaster recovery with Identity Management.
11. Comprehensive Review  
Build a small, resilient Identity Management topology to include multiple replicas and clients, populated with multiple users, credentials, policies, and access rights.