Red Hat Security: Identity Management and Authentication (RH362) Training

Duration: **4 Day**

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IT Academy
info@bilginc.com
bilginc.com

Overview

The {*training} is an advanced security course that teaches how to configure and manage centralized identity services using Red Hat Enterprise Linux Identity Management (IdM).

This course focuses on coordinating authentication and authorization across Linux clients, network services, and Microsoft Active Directory environments.

Prerequisites

Candidates are recommended to:

- Hold RHCE certification
  or
- Demonstrate equivalent Linux system administration experience

Who Should Attend

- Red Hat Certified System Engineers (RHCE)
- Identity Management specialists
- Access Management engineers
- Administrators managing hybrid Linux and Windows environments

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What You Will Learn

By the end of this {*training}, you will have gained knowledge and skills in the following areas:

- Design scalable and resilient IdM topologies
- Implement centralized user and access management
- Integrate Kerberos, PKI, SSSD, and PAM
- Manage TLS certificates
- Configure two-factor authentication and Single Sign-On
- Establish trust relationships with Active Directory
- Plan disaster recovery and troubleshoot identity services

Business Impact

RH362 enables organizations to:

- Centralize identity and access management
- Enforce security policies consistently
- Integrate Linux and Windows authentication systems
- Optimize lifecycle management
- Improve operational efficiency through Ansible and Satellite integration

Individual Impact

Participants who complete this course will be able to:

- Design and manage IdM architectures
- Configure Kerberos, PKI, and SSSD integrations
- Implement Active Directory trust relationships
- Enforce secure authentication policies
- Develop disaster recovery strategies

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Outline

Introduction to Identity Management

- IdM architecture
- High-level design concepts

IdM Core Technologies

- SSSD
- PAM
- Kerberos
- PKI

Installing Identity Management

- Install IdM servers
- Configure replicas
- Register clients
- Automate with Ansible Playbooks

Implementing IdM Topology

- Single-site and multi-site deployment
- High availability and resiliency

Managing Integrated CA and DNS

- Certificate Authority management
- DNS service integration

Managing Users and Access Control

- User provisioning
- Sudo policies
- HBAC and RBAC configuration

Alternative Authentication Methods

- Smart card authentication

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- Two-factor authentication
- Secrets and vault management

Integrating with Active Directory

- Cross-forest trust implementation
- POSIX attribute mapping
- ID view configuration

Integration with Red Hat Utilities

- Red Hat Satellite integration
- Red Hat Ansible Automation Platform integration

Troubleshooting and Disaster Recovery

- Troubleshooting IdM issues
- Backup and recovery planning

Comprehensive Review

- Build a resilient IdM topology with replicas and clients
- Configure policies and access controls