



RED HAT TRAINING

Red Hat Security Identity Management And Active Directory Integration Training Course

Master Red Hat Security Identity Management & Active Directory integration. Securely manage user identities and access across your enterprise systems.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This intermediate-level Red Hat Security Identity Management And Active Directory Integration Training Course is meticulously designed for IT professionals aiming to master the intricacies of centralized identity and access management in hybrid IT environments. Participants will delve deep into Red Hat Identity Management (IdM), a comprehensive solution for managing users, groups, and policies across a Linux domain, and learn how to seamlessly integrate it with Microsoft Active Directory. This integration is crucial for organizations operating mixed IT infrastructures, enabling unified authentication and authorization for both Windows and Linux systems.

The course covers essential concepts such as establishing trust relationships between IdM and Active Directory, synchronizing user and group information, and implementing robust access controls. Through hands-on exercises, attendees will gain practical experience in configuring Kerberos authentication, managing host-based access control (HBAC) rules, and utilizing certificate services for enhanced security. You will learn to streamline user management, reduce administrative overhead, and significantly improve the security posture of your organization by ensuring consistent identity policies across diverse platforms.

Upon completion, you will possess the expertise to design, deploy, and manage secure identity solutions that bridge the gap between Red Hat Enterprise Linux and Active Directory. This training empowers system administrators, security specialists, and IT architects to build more resilient and efficient IT environments, making them invaluable assets to any enterprise navigating complex identity landscapes.

Duration	2 hours
Level	Intermediate
Vendor	Red Hat

COURSE CURRICULUM

01 Module 1: Introduction to Red Hat IdM and Active Directory Integration

- Understanding Identity Management Concepts
- Overview of Red Hat Identity Management (IdM)
- Fundamentals of Microsoft Active Directory
- Challenges and Benefits of IdM-AD Integration
- Planning for a Hybrid Identity Solution

02 Module 2: Installing and Configuring Red Hat IdM

- IdM Server Installation and Initial Configuration
- Managing IdM Users and Groups
- Configuring IdM Clients for Linux Systems
- Understanding Kerberos and LDAP in IdM
- Introduction to IdM DNS and NTP Integration

03 Module 3: Establishing Trust with Active Directory

- Configuring Cross-Realm Kerberos Trusts
- Establishing an IdM-AD Forest Trust
- Understanding SID Mapping and Name Resolution
- Managing Trust Relationships and Replication
- Troubleshooting Trust Establishment Issues

04 Module 4: Managing Identities and Access Across Domains

- Synchronizing Users and Groups from Active Directory
- Implementing Host-Based Access Control (HBAC) Rules for AD Users
- Service Principal Names (SPN) for Integrated Services
- Configuring Authentication Flow for Integrated Users
- Best Practices for Mixed-Environment Identity Management

05 Module 5: Advanced IdM Features and Troubleshooting Integration

- Integrating Certificate Authority (CA) Services with IdM
- Configuring SSSD for Enhanced Integration Features
- Backup and Restore Strategies for IdM
- Advanced Troubleshooting of IdM-AD Integration Failures
- Performance Tuning and Monitoring of Identity Services

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Enterprise Linux System Administrator (with IAM Focus)**
- > **Identity and Access Management (IAM) Specialist**
- > **IT Security Analyst (Hybrid Environment Security)**

FREQUENTLY ASKED QUESTIONS

Q: What are the essential prerequisites for enrolling in this Red Hat Security Identity Management And Active Directory Integration Training Course?

While this course is designed for intermediate users, a foundational understanding of Red Hat Enterprise Linux administration, including command-line navigation and basic service management, is highly recommended. Familiarity with Active Directory concepts, such as users, groups, and basic domain structures, will also significantly enhance your learning experience.

Q: How will this course specifically prepare me to manage authentication and authorization for Linux servers using Active Directory credentials?

This course focuses on practical implementation, teaching you to establish one-way and two-way trusts between Red Hat IdM and Active Directory. You will gain hands-on experience in configuring IdM clients to leverage AD for authentication, define host-based access control (HBAC) rules that utilize AD group memberships, and troubleshoot common issues, directly enabling unified authentication and granular authorization for your Linux infrastructure.

Q: Beyond user synchronization, what advanced identity management capabilities will I be able to implement after completing this training?

Upon completion, you will be proficient in more than just user synchronization. You'll learn to integrate IdM's Certificate Authority (CA) with your identity infrastructure, enabling secure certificate-based authentication. Additionally, you will master configuring Service Principal Names (SPN) for various integrated services and leverage SSSD (System Security Services Daemon) for robust caching and offline authentication, significantly enhancing the security and resilience of your hybrid environment.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke