

Course Overview

LLC406 Open LDAP Server Administration is an intensive course that provides four days of instruction and labs on cross-platform integration of Open LDAP services to provide authentication or information services across the enterprise

Pre-Requisites

RHCE Level knowledge is essential for the participants to aim at higher level certifications.

Target Audience

The Network Administrators who need to provide enterprise-wide authentication or who desire training in the management of LDAP-based directory services and customization of Linux authentication. The Network Administrators who have completed RHCE Certification and look towards higher level Linux Certifications.

Course Outline

Introduction to Directory Services

- What is a Directory?
- LDAP: Models, Schema, and Attributes
- Object Classes

The LDAP Naming Model

- Directory Information Trees & Distinguished Names
- Naming Suffixes
- Planning the Directory Hierarchy

OpenLDAP Directory Server: Basic Configuration

- Installation OpenLDAP Directory Server
- LDIF
- Logging and Indexing

OpenLDAP Directory Server: Authentication & Security

- Configuring TLS Security
- Using Access Control Lists
- slapadd

Searching and Modifying the LDAP Directory

- Searching the Directory
- Updating the Directory
- Graphical LDAP Client Utilities

Linux User Authentication with NSS and PAM

- Understanding Authentication and Authorization
- Name Service Switch (NSS)
- Advanced PAM Configuration

Centralized User Authentication with LDAP

- Central Account Management with LDAP
- Migrate Existing Data into an LDAP Server
- LDAP User Authentication
- autofs with LDAP Integration

Kerberos and LDAP

- Introduction to Kerberos
- Configuring the KDC and Clients
- Configuring LDAP to Support Kerberos

Directory Replication

- Replication in LDAP
- Master and Slave Configuration
- Planning for Directory Server Availability

Authenticating Windows Clients

- Windows Networking Overview
- Configuring a Samba PDC Using LDAP

Windows Domain Authentication and Linux Clients

- Active Directory Servers
- Linux as a Client
- Active Directory and Linux Clients

Course Duration: Four Days: 10 am - 5.30 pm

Course Fee Rs. 12,000/-

(Plus Service Tax as applicable)