

(RH – 423) Training Class Covers

- Introduction to Directory Services
 - · What is a directory?
 - · LDAP: models, schema, and attributes
 - · Object classes
 - · LDIF
- The LDAP Naming Model
 - · Directory information trees and Distinguished Names
 - · X.500 and "Internet" naming suffixes
 - · Planning the directory hierarchy
- Red Hat Directory Server: Basic Configuration
 - · Installation and setup of Red Hat Directory Server
 - · Using the Red Hat Console
 - · Using logging to monitor Red Hat Directory Server activity
 - · Backing up and restoring the directory
 - · Basic performance tuning with indexes
- Red Hat Directory Server: Authentication and Security
 - · Configuring TLS security
 - · Using access control instructions (ACI's)
 - · ACI's and the Red Hat Console
- Searching and Modifying the LDAP Directory
 - · Using command line utilities to search the directory
 - · Search filter syntax
 - · Updating the directory
 - · Using graphical LDAP client utilities
- Linux User Authentication with NSS and PAM
 - · Understanding authentication and authorization
 - · Name service switch (NSS)
 - · Advanced pluggable authentication modules (PAM) configuration
- Centralized User Authentication with LDAP
 - · Central account management with LDAP
 - · Using migration scripts to migrate existing data into an LDAP server
 - · LDAP user authentication
- Kerberos and LDAP
 - · Introduction to Kerberos
 - · Configuring the Kerberos key distribution center (KDC) and clients
 - · Configuring LDAP to support Kerberos

- · Access control with Simple Authentication and Security Layer (SASL)
- Directory Referrals and Replication
 - · Referrals and replication
 - · Single master configuration
 - · Multiple master configuration
 - · Planning for directory server availability
- Authenticating Windows Clients
 - · Windows networking overview
 - · Configuring a Samba primary domain controller (PDC) using LDAP
- Windows Domain Authentication and Linux Clients
 - · Active Directory servers
 - · Linux as a client
 - · Active Directory and NSS
 - · OpenLDAP
 - · Winbind