

Course Overview

LLC414 is a rapid track course on Web Proxy Administration and Securing the Web Proxy. The course covers advanced topics winbind authentication, content filtering, parent proxies, antivirus setup and bandwidth management. This course is essential to every web proxy administrators who works in an enterprise environment.

Prerequisites:

The course is open to anyone who knows basic Linux Operating System knowledge, web server basics, routing concepts and TCP/IP packet structure. LLC103/RH253 or equivalent knowledge is recommended as pre-requisite. Integration of component services like Apache, LDAP and ADS will be demonstrated on pre-configured servers

Target Audience

The Network Administrators who need to provide web proxy and web caching system solution or who desire training in the management and security of Squid server. This course is useful for the network administrators, who want to do web content filtering and bandwidth regulation.

Course Outline

- Web Proxy Service
- NAT vs Web Proxy
- Content Filtering
- Web Caching
- Web Proxy Softwares in Linux
- Installation of Squid
- Configuring Squid
- Squid Server Logging
- Squid Authentication & ACLs
- Proxy Authentication
- Authentication Modules
- ncsa_auth
- pam_auth
- ldap_auth
- Access Control List Definition
- Time Based Restrictions
- ACL Parsing Issues
- Bandwidth Management Using Squid
- Delay Pool Configuration
- Delay Classes
- Regulation for Aggregate Traffic
- Regulation for Individual IP
- Restricting Max File Size
- Setting Parents Proxy Server
- Data Stream Filtering
- DansGuardian Setup
- Content Filtering
- MIME Filtering

- URL Filtering
- Squidguard Setup
- Squidguard Rule Definitions
- Antivirus for Squid
- Clamav Configuration
- HAVP as Parent Proxy
- MS ADS Authentication for Squid
- ADS Preparation for Squid
- Winbind and Samba
- Joining Samba to AD Domain
- NTLM Authentication
- Kerberos Preparation for Squid
- Winbind Authentication for Squid
- Cache Management
- Adding Cache Directory
- Squidclient Utility
- Displaying Cache Objects
- PURGE Method
- Deleting Cache Objects
- Performance Tuning & Monitoring
- Cache Statistics Analysis
- Squidview
- Display Utilization
- Squid result codes
- Customizing the Error Messages
- Parent Proxy Failure Issues
- Squid Analysis & Report Generator

Course Duration: Two Days: 10 am - 5.30 pm

Course Fee Rs. 9,600/-
(Plus Service Tax as applicable)