IBM WebSphere Transformation Extender V8.3 Fundamentals (6T130G)

Course ID#: 0370-415-83-W

Hours: 21

Course Content

Course Description:

This course covers the configuration and administration of IBM Tivoli Directory Server Version 6.3, which provides an LDAP client and server infrastructure. Learn basic LDAP concepts, install the directory server, and configure directory server instances. During hands-on labs you load a sample database and manage directory data using the Web Administration Tool and command-line tools. You then secure directory data using ACLs and SSL, configure a proxy server, and set up replication. Problem determination and performance tools are also covered.

Target Student:

This basic course is for system or network administrators responsible for system administration of IBM Tivoli Directory Server. If you need advance skills, you should also take course IBM Tivoli Directory Server 6.3 Advanced Deployment (TW233G)(8W233G)

Prerequisites:

You should have a working knowledge of Suse Linux basic administration; Working knowledge of general security concepts, including digital certificates, SSL, authentication, and authorization; Basic understanding of LDAP fundamentals.

Topics:

Module 1: Introduction to IBM Tivoli Directory Server
- IBM Tivoli Directory Server
- Introduction to LDAP

Module 2: Installation and Configuration
- Components and Requirements
- Before You Install
- Installation
- Configuration
- Web Administration Tool
- Upgrading from Previous Releases

Module 3: Managing Directory Data
- LDAP Naming Model
- LDAP Information Model
- LDAP Functional Model
- LDIF
- User and Realm Support

Module 4: Security
- LDAP Security Model
- Password Policy
- Authorization
- Pass-Through Authentication
- SSL Planning

Module 5: Distributed Directories

- Referrals
- Proxy Server
- Introduction to Replication
- Replication Configuration
- Peer Topology Configuration
- Replication Schedules
- Monitoring Replication
- Data Synchronization

Module 6: Performance

- Monitoring Performance
- Performance Components
- LDAP Caches
- LDAP Database
- Database Performance
- Replication and Proxy Server Tuning
- Bulkload and Backup

Module 7: Problem Determination

- Logging Facilities
- Audit Log
- Change Log
- Problem Determination Tools

Module 8: Directory Applications

- Programming Reference
- Directory White Pages