

## **Course 712: Solaris Directory Server**

**(4 days)**

### **Course Description...**

This is a course on Sun's LDAP server, Solaris Directory Server, on Solaris 10. All aspects needed by a System Administrator are covered in this course in lecture and in hands-on exercises.

### **Learning Objectives...**

- Know the practical theory behind LDAP
- Understand the process of installing an LDAP Server
- Create a schema, directory tree, and entries
- Perform a migration to LDAP
- Change password and password policies to work with LDAP
- Perform data export, import, back and restore
- Know how to search and index the database
- Use DSML
- Understand the parameters of performance
- Be able to troubleshoot access and data problems
- Create a replication
- Create a multiple server system
- Setup ACI and roles and access

### **Who should attend...**

This is designed for those who need to install, troubleshoot, maintain, and optimize Sun's Directory Server.

### **Prerequisites...**

A working knowledge of Unix is required.

**See next page for a detailed course outline...**



## Course Outline...

### Chapter 1: Necessary LDAP Theory

- Definitions
- Schema
- Entities
- Data Information Tree

### Chapter 2: Overview of Server and Client Setup

- Design and Planning
- Server Installation Overview
- Changes Necessary for the Client

### Chapter 3: Creating the Directory Tree

- Design Considerations
- Creating, Modifying, and Deleting Suffixes
- Changed Suffixes

### Chapter 4: Working with Entries

- Schema
- Templates
- Creating, Modifying, and Deleting Entries
- Renaming and Moving Entries
- Bulk Addition of Data

### Chapter 5: User Accounts and Passwords

- Adding a User Account
- Password Policies
- Overview of Individual Resource Limits

### Chapter 6: Backup and Restore

- Importing and Exporting Data
- Backup
- Restore

### Chapter 7: Search, Access, and Indexing

- Ldapsearch
- Search Filters
- Using DSML
- Indexing

### Chapter 8: Security

- Identity and Roles
- All about ACI
- Bind Rules
- Logging Access



## **Chapter 9: Troubleshooting**

- Monitoring the Server
- Login Problems
- Access Problems

## **Chapter 10: Performance Tuning**

- Cache Size
- Indexing
- Logging
- Resource Usage

## **Chapter 11: Replication**

- Overview of Process
- Planning
- Creating Replica
- Initialization
- Maintaining Integrity
- Monitoring

## **Chapter 12: Multiple LDAP Servers**

- PTA
- Design Considerations
- Referrals
- Setup and Initialization

## **Chapter 13: Migrating to LDAP**

- Overview of Process
- Migration from NIS
- Migration from NIS+
- Changing Over on the Client
- Security Review

***Please contact your ROI representative to discuss course tailoring!!!***