



Sun Directory Server Enterprise Edition: Maintenance and Operations

Längd: 4 Days Kurskod: DIR-2340

Sammanfattning:

This course provides students with the opportunity to learn to perform routine maintenance and troubleshooting techniques, monitor and tune servers, create and manage multiple databases, and perform other tasks encountered in day-to-day operations of Sun Directory Server Enterprise Edition 7.0 (Directory Server EE7). Labs acquaint students with the tools included with Directory Server EE7. Students will use them to perform tasks such as searching and modifying directory data, exporting and importing data, starting and stopping servers, and troubleshooting. Students will also migrate server versions, create multiple databases, configure servers for replication, and tune performance.

This course focuses primarily on maintenance and operations issues related to DSEE 7 and not planning and design issues.

Målgrupp:

Students who can benefit from this course:

System engineers, support engineers, system administrators, and other technical support personnel with responsibility for day-to-day maintenance of Sun Java System Directory Server.

Målsättning:

- Install Directory Server EE and the Directory Service Control Center (DSCC)
 - Search and modify directory content
 - Describe access, error, and audit log contents and diagnose ldapmodify LDAP Data Interchange Format (LDIF) import errors
 - Describe Directory Server EE access control and write access control statements
 - Use the Directory Server EE utilities to enforce account and password policies
 - Configure Directory Server EE for SSL deployments
 - Perform directory backup and restore functions using Directory Server EE utilities
 - Configure and test Directory Server EE replication
 - Tune Directory Server performance
 - Configure high availability and virtualization using a directory proxy server
 - Configure Virtualization Using a Directory Proxy Server
 - Migrate directory data to Directory Server EE 7.0
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Förkunskaper:

- Define basic Lightweight Directory Access Protocol (LDAP) terms
 - Use the Solaris Operating System (Solaris OS) command line to run commands and edit files
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Innehåll:

Introducing Sun Directory Server EE 7.0

- Install Directory Server EE
- Install Directory Service Control Center (DSCC)

Searching and Modifying Directory Content

- Use the ldapsearch utility to search a directory
- Use the ldapmodify utility to change directory content

Using Directory Server EE Log Files

- Use Directory Server EE log files to diagnose LDIF errors

Securing Directory Server EE Access

- Diagnose access control instruction (ACI) problems
- Configure connection-based access control

Enforcing Password Policies

- Enforce Directory Server EE password and account lockout policies

Using Certificates With Directory Server EE

- View and manage SSL settings and certificates
- Use the ldapsearch utility over SSL
- Use the dsconf utility over SSL

Backing Up and Restoring Directory Server Databases

- Back up Directory Server databases
- Restore Directory Server databases
- Export a directory database to LDIF
- Import a directory database from LDIF

Replicating Directory Server Data

- Set up three-way multimaster replication
- Monitor replication using DSCC and Directory Server EE utilities
- Create a three-tier replication topology
- Promote consumer replicas and create five-way multimaster replication

Tuning Directory Server EE Performance

- Tune the operating system by running the idsktune utility
- Tune directory read performance
- Tune directory write performance
- Identify system monitoring tools

Configuring Failover and Load Balancing Using a Directory Proxy Server

- Configure failover using a directory proxy server
- Configure proportional load balancing
- Configure load balancing using the command-line interface

Configuring Virtualization Using a Directory Proxy Server

- Create an LDAP data view
- Create a joined LDAP/LDIF view
- Access relational database data through a directory proxy server

Migrating to Directory Server EE 7.0

- Migrate from an older version of Directory Server to Directory Server EE 7.0

Övrig information:

För mer information eller kursbokning, vänligen kontakta oss på telefon. 020-73 73 73

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