Sun ZFS Storage 7000 Appliance Administration

Duration: 4 Days

What you will learn

The Sun Storage 7000 Appliance training course provides students with the knowledge to successfully describe, install, configure, maintain, administer, troubleshoot, and upgrade software and hardware. Students will receive classroom training and access to hardware systems for performing lab exercises.

Audience
Support Engineer
System Administrator
System Integrator

Prerequisites
Required Prerequisites
Server and Storage Management experience

UNIX Experience

Course Objectives
Identify the components and architecture of the Sun ZFS 7000 Appliance
Install and configure the Sun ZFS 7000 Appliance
Upgrade the Sun ZFS 7000 Appliance software and hardware
Troubleshoot the Sun ZFS 7000 Appliance
Perform common tasks on the Sun ZFS 7000 Appliance
List the functions and features of the Sun ZFS 7000 Appliance

Course Topics

Sun ZFS Storage 7000 Appliance Overview
Understand Storage Challenges
Define Unified Storage
State the Benefits of Oracle Unified Storage
Describe deploying Oracle Unified Storage
Five Things to look for in a Unified Storage Solution

Sun ZFS Storage 7000 Appliance Functions and Features
Describe the Sun ZFS 7000 Appliance
Identify the products included in the Sun ZFS 7000 Appliance Family
Describe the Sun ZFS 7000 Appliance Functions and Features
Describe the Sun ZFS 7000 Appliance Hybrid Storage Pool

Sun ZFS 7000 Appliance Installation
Describe the initial configuration procedures
Define pre-installation information and procedures
Describe initial cabling of the Sun ZFS 7000 Appliance

Complete initial configuration of the network interface

Sun ZFS 7000 Appliance Configuration
Perform the initial configuration of the Sun Storage 7000 System
Understand, setup, and configure clustering
Descirbe the Sun ZFS 7000 Appliance Support Structure

Sun ZFS 7000 Appliance System User Interface
Understand the Sun ZFS 7000 Appliance interface
Use the BUI efficiently, including drag-and-drop BUI configuration
Locate the BUI the masthead, title bar, side panel, and local navigation controls
Use the CLI, including navigating contexts and setting properties

Sun ZFS 7000 Appliance Shares (File Systems)
Describe the Sun ZFS 7000 Appliance System's shares
Create shares
Edit shares
Administrate snapshots
Describe the Sun ZFS 7000 Appliance remote replication
Use the CLI with shares and LUNs

Sun ZFS 7000 Appliance Status
Monitor overall appliance status
Customize your status summary
Gather information regarding hardware status

Sun Storage Sun ZFS 7000 Appliance Maintenance
Detail the maintenance strategy for Sun Storage Systems
Identify and locate failed hardware components
Upgrade the Sun Storage 7000 System software
Manage support bundles
Diagnose system problems
Configure alert notifications

Sun ZFS 7000 Appliance Analytics
Understand the features of analytics
Observe key system statistics
Archive statistics for later viewing
Create custom worksheets for performance analysis
Perform drill-down analysis

Sun ZFS 7000 Appliance Scripting and Troubleshooting
Describe the two scripting methods
Utilize Work flows
Describe the basic troubleshooting methods used in the Sun ZFS 7000 Appliance

Sun ZFS 7000 Appliance Common Tasks
Set up Users and Roles and lock down access to the system
Run scripts in the CLI
Set up shares for iSCSI, CIFS/Windows, or NFS environments
Set up user access and permissions for directory and data sharing services
Set up home directories for Unix, Windows, and Mac environments

Set up networking for select types of environments (including interfaces, link aggregations and multi-pathing)
Back up the data - Snapshots and/or Remote Replication
Recover/restore data, get system back online after failure