

Course Content of Oracle All Flash Storage System: FS1 Administration for SAN R6.x ED1:

Resources and References

- Describe the Oracle Flash Storage System FS1-2
- Identify the Flash Storage System software components
- Understand the purpose of QoS and QoS Plus
- Appreciate the value of Application Profiles
- Explain the function and use of Storage Domains
- Describe the FS1 System building blocks
- Identify the basic management tools for administration of the FS1

Oracle Flash Storage System Architecture

- Understand in detail the function and of QoS and QoS Plus
- Understand how RAID is implemented on the FS1
- Cite how Thin Provisioning is implemented
- Describe the application of Storage Domains
- Identify use cases for Storage Domains
- Explain how to employ Storage Profiles
- Recognize the value of T10-Protection Information

FS1 System Management

- Access and navigate the FS Web Portal
- Download and install the Oracle FS System Manager
- Navigate the Oracle FS System Manager
- Verify System Status and Configuration
- Modify System Asset Information

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- Create and configure an administrative user account
- Configure global system settings
- Understand and use Volume Groups

SAN Provisioning

- Understand the FS System SAN features and topology
- Understand the need for multi-pathing software
- Install Flash Storage Path Manager
- Provision single tiered LUNs
- Provision auto-tiered LUNs
- Convert LUNs from single-to-auto tiered and auto-to-single tiered
- Manage SAN hosts
- Create and manage Clone LUNs

FS1-2 System Hardware

- Understand the FS1 component relationships
- Describe the purpose of each system component
- Describe the relative rack placement of system components
- Understand the difference between the FS1-2 Base and Performance Models
- Differentiate the function of Performance and Capacity Drive Enclosures within the FS1 system design
- Understand how to add Drive Enclosures to the FS1 system
- Recognize the power requirements for the FS1

FS1-2 System Monitoring and Maintenance

- Monitor multiple FS Systems from MaxMan
- Gather system statistics, performance data, and trending information

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- Monitor system status and handle alerts
- Configure notifications
- Create, download, and view reports
- Collect system information and generate log bundles
- Understand how to use Guided Maintenance
- Understand how to perform system updates

Using System Utilities

- Download and extract the Oracle Flash Storage System utilities
- Access the command-line utilities
- Execute basic FSCLI commands
- Download and extract the Oracle FS Statistics Tools
- Create and download a log bundle
- Extract statistics from a log bundle
- Execute basic FS Statistics Tool commands
- Format statistical data