

ORACLE ASM Administration

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COURSE CONTENT

1) Automatic Storage Management (ASM) Architecture

- Describe the use of ASM for single-instance environments
- Describe the use of ASM for clustered environments
- Explain ASM version requirements
- Describe ASM components
- Explain the various ASM utilities
- State the ASM storage limitations

2) Installing ASM

- Prepare storage for ASM
- Install and configure ASMLib
- Install ASM binaries by using Oracle Universal Installer

3) Administering ASM Instances

- Explain and apply Automatic Storage Management (ASM) initialization parameters
- Manage ASM instances and associated processes
- Monitor ASM using the V\$ASM dynamic performance views

4) Administering ASM Disk Groups

- Create and delete Automatic Storage Management (ASM) disk groups
- Set the attributes of an existing ASM disk group
- Perform ongoing maintenance tasks on ASM disk groups
- Explain key performance and scalability considerations for ASM disk groups

5) Administering ASM Files, Directories, and Templates

- Use different client tools to access Automatic Storage Management (ASM) files
- Describe the format of a fully qualified ASM file name
- Explain how ASM files, directories, and aliases are created and managed
- Describe and manage disk group templates

6) Administering ASM Cluster File Systems

- Administer ASM Dynamic Volume Manager
- Manage ASM volumes

- Implement ASM Cluster File System
- Manage ASM Cluster File System (ACFS)
- Use ACFS Snapshots
- Use command-line tools to manage ACFS

7) ASM Enhancements in Oracle Database 12c

- Flex ASM Cluster
- ASM Password File
- ASM Interconnect
- Faster Resync
- Diskgroup Type

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