

**OD-12cR2-ASMA: Oracle Database 12c:
ASM Administration**

Course Code: OD-12cR2-ASMA

Duration: 2 days

Instructor-led Training (ILT) | Virtual Instructor-
led Training (VILT)**OVERVIEW**

This Oracle Database 12c: ASM Administration training teaches you about Oracle ASM architecture. Expert Oracle University instructors will help you develop a deeper understanding of both standard ASM and Flex ASM applications. In this course, you will be introduced to Oracle Database Exadata Cloud Service.

Learn To:

- Administer ASM files, directories, templates, and disk groups.
- Manage and administer Oracle Cloud File System and its components.
- Configure and manage advanced CloudFS features like ACFS Auditing and Encryption, ACFS Replication and High Availability NFS.
- Gain an understanding of the Oracle Database Exadata Cloud Service.

SKILLS COVERED

Upon completing this course, the learner will be able to meet these overall objectives:

- Gain an understanding of the Oracle Database Exadata Cloud Service
- Manage Flex ASM
- Employ ASM space management techniques
- 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
- Describe the Automatic Storage Management (ASM) architecture
- Use different client tools to access ASM files
- Describe the format of a fully qualified ASM file name
- Describe the components of ASM
- Explain and apply Automatic Storage Management (ASM) initialization parameters
- Manage ASM instances and associated processes
- Monitor ASM using the V\$ASM dynamic performance views
- Understand Flex ASM architecture and components
- Understand ASM Deployment Alternatives

WHO SHOULD ATTEND?

- Database Administrators
- Administrator

PREREQUISITES

- Working knowledge of Oracle Database 11g: Release 2 on Linux Operating System

Suggested Prerequisites:

- Working knowledge of Oracle Clusterware, ASM & RAC on Linux
- Oracle Grid Infrastructure 11g: Manage Clusterware and ASM – Release 2
- Oracle Database 12c: RAC Administration Ed 1
- Oracle Database 12c: Clusterware Administration

MODULES

Module 1: Oracle ASM Overview

Module 2: Oracle ASM Instance Administration

Module 3: Flex ASM

Module 4: Administering ASM Disk Groups

Module 5: Administering ASM Files, Directories,
and Templates

Module 6: Flex ASM Disk Group

Module 7: Administering ASM Files, Directories,
and Templates

Module 8: ACFS/ADVM Enhancements

Module 9: Oracle Database Exadata Cloud
Service Overview

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