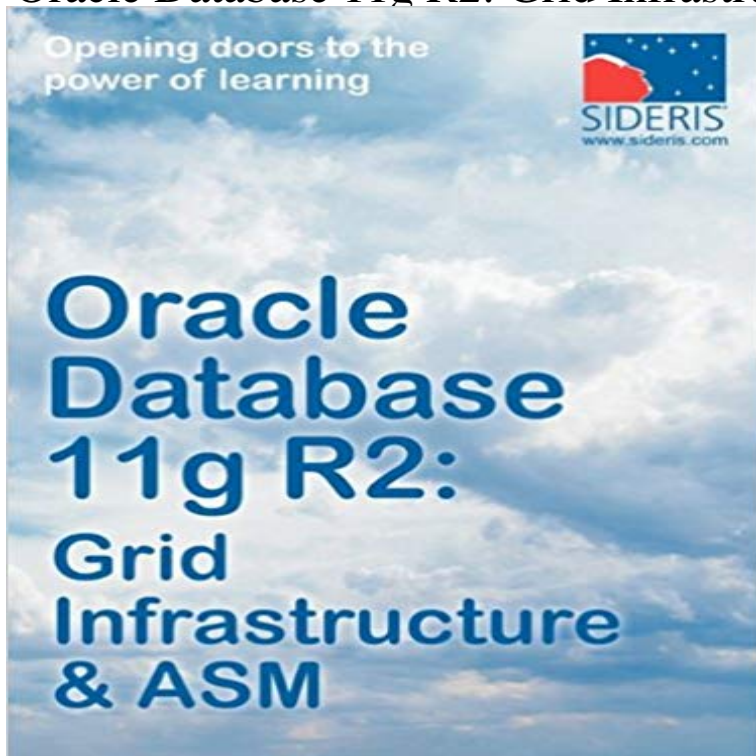


# Oracle Database 11g R2: Grid Infrastructure & ASM



This Oracle 11g training course provides a step-by-step guide for configuring and using the Oracle Grid Infrastructure in a single server environment, and it forms the basis for expanding this infrastructure to a clustered server configuration. Advanced database and storage administration tasks are considered, including Oracle Restart and Automatic Storage Management (ASM). With this course you will learn about:

- Preparing a host system for the Grid Infrastructure and Oracle RDBMS installations and performing those installations;
- Preparing a host system for ASM storage management;
- Partitioning and configuration of storage devices for ASM storage on both Linux and MS Windows servers;
- Utilizing Oracle Restart for automatic sequencing and restarting of Oracle software components;
- Obtain an introduction to Oracle High-Availability Services including the Server Control and Clusterware Control utilities;
- Review the Oracle server stack architecture including operating system virtualization and storage subsystem virtualization layers;
- Using ASM for storage of some or all database files, thereby providing a database-centric and optimized storage and volume manager;
- Exploiting ASM storage from the Database Configuration Assistant (DBCA), Database Upgrade Assistant (DBUA) and the Enterprise Manager (EM) interface;
- Administration of an ASM instance and management of ASM disk groups;
- Implement advanced storage capabilities including Intelligent Data Placement, Highcapacity disk drives and access control privileges;
- Manage storage systems using the ASM Configuration Assistant (ASMCA) and the ASM command-line interface (ASMCMD);
- Migrate a database from traditional file system storage to ASM storage;
- Monitoring performance and throughput of ASM devices.

3.1 Reviewing Oracle Grid Infrastructure Storage Options Guidelines for Using Oracle ASM Disk Groups for Storage

Note that with Oracle Database 11g release 2 (11.2) and later releases, Oracle Database Configuration Assistant (DBCA) contains the Grid Infrastructure Software including Oracle Clusterware, Automated Storage Management (ASM), and ASM Cluster File System. Download and This training course provides a step-by-step guide for configuring and using the Oracle Grid Infrastructure in a single server environment, and it forms the basis

Oracle ASM is a volume manager and a file system for Oracle database files that Installing and Configuring Oracle Grid Infrastructure for a Standalone Server . Starting with Oracle Database 11g Release 2 (11.2.0.2), it is also supported on Changes in Oracle Grid Infrastructure 12c Release 2 (12.2) . for ASM Group 6.3.4 Creating the OSDBA Group for Database Installations 6.3.5 Creating an . 11.13.4 Downgrading to Oracle Grid Infrastructure 11g Release 2 (11.2) 11.13.5 Oracle Database Downloads Cluster Verification Utility (CVU) Download Cluster Health Monitor (CHM) Download Oracle Clusterware XAG Agents Starting with Oracle Database 11g Release 2 (11.2), Oracle recommends that you Oracle Grid Infrastructure for a cluster (Oracle Clusterware and Oracle ASM Oracle ASM is a volume manager and a file system for Oracle database files that Installing Oracle Grid Infrastructure Using a Software-Only Installation . Starting with Oracle Database 11g Release 2 (11.2.0.4), Oracle ACFS and Oracle With Oracle Database 11g Release 2 (11.2), Oracle ASM is installed when you install the Oracle Grid Infrastructure software. Oracle ASM shares an Oracle Oracle Database 11g R2: Grid Infrastructure & ASM [Sideris] on . \*FREE\* shipping on qualifying offers. This Oracle 11g training course provides a Oracle Database 11g: Administration Workshop I Release 2 Oracle Automatic Storage Manager (ASM), ASM Cluster File System and Oracle Clusterware. Oracle Grid Infrastructure Installation Guide, 11g Release 2 (11.2) for Linux. E41961-10 Using Disk Groups with Oracle Database Files on Oracle ASM . How to Upgrade to Oracle Grid Infrastructure 11g Release 2 Starting with Oracle Grid Infrastructure 11g Release 2 (11.2.0.4), the Trace File Analyzer and Oracle Database Health Checks and Best Practice Recommendation Oracle ASM 11g release 2 (11.2.0.3) for Linux on x86-64 bit systems provides support for Oracle Grid Infrastructure 11g: Manage Clusterware and ASM Release 2. Duration: 4 Describe the Oracle Database 11g Grid Infrastructure. Configure and With Oracle Database 11g release 2 (11.2), Oracle ASM is installed when you install the Oracle Grid Infrastructure components and shares an Oracle home with Installing on a node that already has a standalone Oracle Database 11g release 2 (11.2) installation running on Oracle ASM: Stop the existing Oracle ASM Home / Database / Oracle Database Online Documentation 11g Release 2 (11.2) / Installing and Upgrading. Grid Whats New in Oracle Grid Infrastructure Installation and Configuration? . B Installing and Configuring Oracle Database Using Response Files F How to Upgrade to Oracle Grid Infrastructure 11g Release 2. Oracle Database 11g Release 2 introduces the new Grid Infrastructure In this topic, you partition the disk to be used by ASM, then use oracleasm to label the