

# PART 1: Oracle Grid Infrastructure Architecture

Oracle Clusterware Concepts  
Oracle Clusterware Architecture  
ASM Architecture

# PART 2: Grid Infrastructure Installation

Pre-Installation Planning  
Grid Infrastructure PreInstallation Tasks  
Grid Infrastructure Installation  
Configuring ASM Disk Groups and ACFS

# PART 3: Administering Oracle Clusterware

Managing OCR  
OLR  
Managing SCAN VIP and SCAN Listener Resources

# PART 4: Managing Oracle Clusterware

Adding and Deleting Oracle Clusterware Homes  
Patching Oracle Clusterware  
Upgrade Clusterware

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# PART 5: Making Applications Highly Available with Oracle Clusterware

Oracle Clusterware High Availability (HA)  
HA Components  
Resource Management Options  
Server Pools  
Server Pools Attributes  
Adding Resources by using srvctl  
Node Addition and Deletion

# PART 6: Troubleshooting Oracle Clusterware

## PART 7: Administering ASM Instances

All ASM Initialization Parameters

## PART 8: Administrating ASM Disks Groups

## PART 9: Administrating ASM Files, Directories, and Templates

## PART 10: Administrating ASM Cluster File Systems

## PART 11: Real Application Clusters Database Installation

## PART 12: Oracle RAC Administration

Convert Single Instance to RAC  
Migrate Standalone Database To RAC Database.

## PART 13: Managing Backup and Recovery for RAC

PART 14: RAC Database Monitoring and Tuning

PART 15: Services

PART 16: Troubleshooting Tips and Tricks with  
Real Time Scenario based Issue

Upgrade Clusterware and RDBMS Home (Rolling and Non-Rolling)