

Upgrades in the Solaris Cluster Environment

- Describe high availability issues when performing upgrades in the Solaris Cluster environment
- Describe the required relationships for upgrading the Solaris Cluster software
- Describe the different upgrade strategies
- Describe and perform an upgrade of the Solaris OS using the Solaris Live Upgrade software

Upgrading the Solaris Cluster Software and Completing Solaris Cluster Upgrades

- Upgrade Solaris Cluster software when not using Live Upgrade
- Use the scinstall options that control the dual-partitioned upgrade method, when not using Live Upgrade
- Use Live Upgrade to upgrade the Solaris Cluster software
- Upgrade resource types and resources
- Perform post-installation storage best-practices for Solaris Cluster

Advanced Data Service Configuration

- Describe Solaris Cluster data services
- Write Solaris Cluster 3.x software data services
- Control RGM behavior through resource group properties and resource properties
- Use advanced resource group relationships
- Configure multimaster and scalable applications

Performing Recovery and Maintenance Procedures

- Add a new node to a running cluster
- Remove a node from a cluster
- Replace a failed node in a cluster
- Uninstall the Solaris Cluster software from a node
- Replace failed disks
- Back up and restore the Cluster Configuration Repository (CCR)

Advanced Features (QFS and Oracle Solaris Cluster Geographic Edition)

- Describe the design and features of the QFS file system
- Configure a standard QFS file system

- Configure a shared QFS file system in the cluster using Solaris Volume Manager multiowner diskset devices
- Describe the features of Solaris Cluster Geographic Edition and use scripts to create a sample configuration

Advanced Features (Zones)

- Configure and identify benefits of HA-Containers agent
- Configure applications using Solaris Cluster Zones feature
- Configure and understand zone clusters

Oracle RAC in Solaris Cluster and Zone Cluster

- Describe Oracle RAC 10g and 11g with and without Solaris Cluster
- Describe the many benefits of using Solaris Cluster underneath Oracle RAC 10g or 11g
- Describe the architecture of Oracle RAC in a zone cluster