ONTAP MetroCluster IP Implementation

Module 1: Introduction to MetroCluster software

.Review the basic concepts of NetApp MetroCluster high-availability (HA) anddisaster recovery software

• Discuss the components of a MetroCluster IP configuration

• Review the hardware that MetroCluster IP configurations support

• Describe the tools and documentation that you need to configure a MetroCluster IP environment

Module 2: MetroCluster IP racking and cabling

Explain the disk requirements for NetApp MetroCluster IP configurations

• Explain the racking recommendations for MetroCluster IP configurations

• Describe the cable diagrams for MetroCluster IP configurations

Module 3: Switch configuration

Locate the NetApp MetroCluster IP reference configuration file (RCF) and firmware files

• Explain how to set up virtual LANs (VLANs) in MetroCluster IP configurations

• Explain how to upgrade and configure Cisco IP switches

• Explain how to upgrade and configure Broadcom IP switches

Module 4: Preparing the clusters

Configure disk ownership in a MetroCluster IP environment

• Configure a cluster

Module 5: MetroCluster configuration

Prepare two clusters for NetApp MetroCluster configuration

• Configure two clusters to become MetroCluster configurations

• Verify a MetroCluster configuration

• Configure a storage VM (storage virtual machine, also known as SVM) in a MetroCluster environment

• SVM configuration in a MetroCluster environment

Module 6: Failure scenarios

Show how to respond to componentfailures in a MetroCluster environment

• Perform planned and unplannedswitchovers

• Complete the steps in a switchback

• Explain correct LIF placement

Module 7: ONTAP Mediator service

Explain the components ofONTAP Mediator

• Install ONTAP Mediator

• Configure ONTAP Mediator

• Administer ONTAP Mediator

Module 8: MetroCluster transition

Understand the transition process from MetroCluster FC to MetroCluster IP

• Review the detailed workflow used for a MetroCluster transition