HPE Primera II: Monitoring and Replication

Duration: 2 Days   Course Code: HM9Q6S

Overview:

This course provides knowledge of the advanced capabilities of the HPE Primera storage arrays, including lower level data reduction features, reporting, monitoring and alerting, QOS, and local and remote replication options. You gain a practical understanding of HPE Primera array capabilities using extensive hands-on lab exercises.

Target Audience:

Storage administrators who desire additional training on the advanced features of HPE Primera

Objectives:

- At the end of this course, the learner should be
- able to:
- • Describe the benefits of the data reduction
- technologies
- • Perform space reclamation
- • Describe data reduction technologies:
- deduplication, compression, and data packing
- • Perform a data reduction estimation
- • Perform an online virtual volume conversion
- • Describe System Reporter capabilities
- • Use SSMC and the CLI to run reports
- • Use the CLI stat commands to look at realtime
- statistics
- • Use HPE Primera app volume sets (AppVVset)
- in performance context
- • Use the SSMC Workload Insights feature for
- performance reasons to isolate application
- spikes and trends
- • Understand the SSMC Workload Insights
- concept of a performance score

- Reporter
- • Monitor and manage the event log
- • Forward events to syslog server
- • Explain SNMP settings and capabilities
- • Describe the SMI-S standard, WBEM
- initiative, and Primera CIM support
- • Explain REST API use
- • Describe the advantages of Priority
- Optimization and Quality of Service (QoS)
- • Discuss the performance implications of
- Priority Optimization
- • Administer Priority Optimization
- • Monitor the impact of Priority Optimization
- • Create a scheduled and immediate snapshot
- • Export a snapshot
- • Perform a recovery using a snapshot
- • Work with a clone
- • Describe the key features, benefits, and
- advantages of Remote Copy
- • Explain different types of Remote Copy

- • Understand the advantages of the Topology
- Insights feature to pinpoint performance
- bottlenecks
- • Describe basic Primera UI monitoring
- • View, interpret, and manage system events and
- alerts
- • Use the checkhealth command for
- troubleshooting
- • Work with alert notifications for System

- implementations
- • Explain the differences between
- synchronous and periodic asynchronous
- replication modes
- • Discuss different failure scenarios
- • Perform a failover of a Remote Copy group
- • Briefly describe data migration and high
- availability and disaster tolerance solutions

Prerequisites:

One of the following courses:

• HM9Q5S: HPE Primera I: Management and

Connectivity

• HN5B2S: Introduction to HPE Primera

storage (with extended eLearning)

• HN5A9S: Introduction to HPE Primera

storage

Content:

[HM9Q6S A.01 (hpe.com)](hpe.com)

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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