

HPE Primera II: Monitoring and Replication

Duration: 2 Days **Course Code: HM9Q6S** **Delivery Method: Virtual Learning**

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.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

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
- 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

- spikes and trends
- • Understand the SSMC Workload Insights
- concept of a performance score
- • 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
- • Describe the key features, benefits, and
- advantages of Remote Copy
- • Explain different types of Remote Copy
- 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 \(hpe.com\)](#)

Further Information:

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

info@globalknowledge.co.uk

www.globalknowledge.com/en-gb/

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK