



Managing HPE StoreOnce Backup Solutions HK766S

Managing HPE StoreOnce Backup Solutions covers the HPE StoreOnce backup products, including the single node appliances, the clustered appliances, and the Virtual SAN Appliance (VSA). In this course we discuss the range of products in the product line, and explain concepts, installation, and use. The course includes hands-on labs using HPE StoreOnce appliances. This course is updated to include the new, advanced features of the products.

Managing HPE StoreOnce Backup Solutions

Price USD \$1,800

Links to local schedules, pricing and [US/Canada](#)

HPE course # HK766S

Category Storage

Duration 2 days

Audience

- StoreOnce customers, HPE Services field engineers, call center personnel, presales and channel partners, and other field personnel who provide installation and/or operational support assistance.

Prerequisites

Before attending this course, students must have:

- Basic Windows administration experience
- Basic understanding of SCSI, iSCSI, RAID, fibre channel, Backup, and SAN technologies

Course objectives

After completing this course, students will be able to:

- Describe the major hardware and software components of the StoreOnce Product line
- Describe important StoreOnce product concepts
- Explain the importance and advantages of deduplication
- Configure StoreOnce devices for initial use
- Create Virtual Tape Libraries (VTL) and NAS shares
- Configure replication between two StoreOnce devices
- Configure Catalyst Stores
- Perform basic troubleshooting and maintenance procedures

Course outline

Module 1: Product Introduction

- StoreOnce backup systems
- New StoreOnce product features and benefits
- HPE StoreOnce family comparison - Features in HPE StoreOnce models

Module 2: Virtual Tape Libraries

- HPE StoreOnce (D2D) backup systems
- Choosing VTL vs NAS
- Virtual Tape Libraries (VTL)
- iSCSI and fibre channel connections to VTL
- Flexible emulations

Module 3: Basic Catalyst

- HPE StoreOnce Catalyst overview and API
- HPE StoreOnce Catalyst in Data Protector

Module 4: NAS Shares

- NAS shares and server configuration
- CIFS authentication methods
- StoreOnce NAS limitations

Module 5: HPE StoreOnce Deduplication

- Deduplication: what is it and key benefits
- Deduplication: data locality and ratios
- Housekeeping and scheduling
- Limiting housekeeping Windows

Module 6: Installation

- Installing the StoreOnce devices
- Available connections
- Licensing

Module 7: Web Management Interface

- HPE StoreOnce - web management GUI login
- HPE 6000 - web management GUI
- HPE StoreOnce - web management GUI - VTL, interface, NAS shares and replication
- Managing NAS shares active directory

Module 8: High Availability with b6000 Couplets

- Terminology and basic concepts
- High availability with autonomic failover
- Node failover
- Systems network configuration
- Network bonding
- b6000 node fallback and CLI commands

Module 9: Replication of VTL and Nas Shares and Catalyst Copy

- Definition and replication granularity
- Replication fan-out and fan-in
- Bi-directional replication
- Seeding the replication target
- Catalyst Copy
- Replication recovery
- Making replication targets visible to host
- NAS replication and 'seeding'
- VTL and NAS replication and configuration

Module 10: Reporting Central and StoreOnce Enterprise Manager

- Reporting Capabilities
- StoreOnce Integrated Graphical Reporting
- Deployment of StoreOnce VSA
- Reporting Central and Changes for 3.16

Module 11 Catalyst Advanced Features

- Teamed Catalyst
- Catalyst over Fibrechannel

Module 12: Best Practices

- General best practices
- Flexible emulations best practices
- StoreOnce replication best practices
- NAS share best practices
- Physical tape offload methods

Module 13: Troubleshooting

- FAQs
- Power / boot and connection problems
- Disk errors and warnings
- Backup or disk space problems
- Reference Documentation

Appendix A

- Introduction to StoreOnce Recovery Manager Central

Learn more at

hpe.com/us/training/storage