



## Course overview

HP StoreEasy Configuration, Administration, and Troubleshooting (hk970s)

This course introduces the HP StoreEasy and 3PAR StoreServ File Controller server products and the advantages of the HP StoreEasy 4.x Storage portfolio. It discusses the Windows Storage Server 2012 R2 capabilities and tools, and details StoreEasy features that are common across the product lines. The course also covers the installation, troubleshooting, and maintenance of the StoreEasy products including labs to reinforce the topics covered.

### Audience

This course is intended for StoreEasy customers, HP Services field engineers, call center personnel, Presales and Channel Partners and other field personnel who provide installation and/or operational support assistance for HP StoreEasy and 3PAR StoreServ File Controller Servers.

### Prerequisites

- Basic networking experience
- Windows Server administration experience
- Understanding of SCSI, iSCSI, RAID, Fibre Channel, and SAN technologies

### Course objectives

After completing this course, the student should be able to:

- Perform a standalone or clustered installation of StoreEasy
- Understand the use of the StoreEasy Management Tools
- Provision storage to StoreEasy from direct attached, iSCSI or Fibre Channel arrays
- Configure StoreEasy to provide SMB/NFS File Sharing and iSCSI Target services for clients
- Deploy StoreEasy in advanced scenarios including Home Directory Consolidation, Data Deduplication, use of File Server Resource Manager (FSRM), BranchCache, and Distributed File System Namespaces (DFS-N)
- Ensure a highly available StoreEasy environment with NIC teaming, highly available roles in cluster, and site resilience
- Perform monitoring and troubleshooting using the HP System Dashboard and other tools

<b>Course title:</b>	HP StoreEasy Configuration, Administration, and Troubleshooting
<b>HP product number:</b>	hk970s
<b>Category/Subcategory:</b>	Storage
<b>Course length:</b>	2 days
<b>Level:</b>	Intermediate
<b>Delivery language:</b>	English
<b>To order:</b>	In HK, please contact HP Education Services on (852) 3070-6692 or email at <a href="mailto:hp-education.hk@hp.com">hp-education.hk@hp.com</a> or visit <a href="http://www.hp.com.hk/education">www.hp.com.hk/education</a> Other countries please visit <a href="http://www.education.hp.com">www.education.hp.com</a>

- Perform backup and updating tasks

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## Detailed course outline

### Introduction

- About StoreEasy
- HP StoreEasy Portfolio
- HP Storage Portfolio

### Installation and Management

- Installing the Storage System
- Overview of Management Tools

### Provisioning Storage

- Using Pool Manager
- Configuring a SAN Gateway
- Virtual Disks
- Volumes
- Adding Storage

### Storage Management

- Overview of Storage Management
- SMB File Sharing
- NFS File Sharing
- iSCSI Overview
- Configuring an iSCSI Target

### Advanced Features

- Home Directory Consolidation
- Data Deduplication
- File Server Resource Manager (FSRM)
- BranchCache
- Distributed File System Namespaces (DFS-N)

### High Availability

- NIC Teaming
- Cluster Overview
- Cluster Setup
- Creating Highly Available Roles
- Cluster Administration
- Site Resilience

### Monitoring and Troubleshooting

- HP System Dashboard
- Additional Monitoring methods
- Troubleshooting Tools

### Backup and Updating

- Snapshots
- Backup
- Updating StoreEasy

## For more information

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