



# HPE 3PAR StoreServ File Persona Software Suite H9P98S

This course covers topics related to the File Persona licensed feature of HPE 3PAR Operating System. During the class, students will learn how to install and configure the File Persona multiprotocol NAS solution. Course topics include File Persona initial configuration, storage provisioning, authentication mechanisms, quota management, data protection with snapshots, antivirus protection, and performance. This training reflects HPE 3PAR OS 3.3.1 and File Persona 1.3.

## HPE 3PAR StoreServ File Persona Software Suite

**Price** USD \$1,800

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

**HP course #** H9P98S

**Category** Storage

**Duration** 2 days

## Audience

- A storage administrator who has been managing HPE 3PAR StoreServ arrays on a daily basis for at least one year. This training is not for individuals without experience managing HPE 3PAR arrays

## Prerequisites

- Students must have attended HK902S Managing HPE 3PAR StoreServ I

## Course objectives

After completing this course, students will be able to:

- Describe the File Persona solution
- Perform File Persona initial configuration
- Configure File Provisioning Groups, Virtual File Servers and create SMB, NFS and FTP shares
- Create File Persona local users and groups
- Create Quota limits
- Protect your data with snapshots
- Integrate File Persona with Active Directory
- Protect your data from viruses with File Persona antivirus scanning
- Define retention of a file
- Describe Cross Protocol Share Features

## Course outline

### Module 1: File Persona Overview

- File Services
- Product Structure
- Basic Hardware Requirements
- StoreServ 7000C Series Nodes
- File Persona Management
- Scalability Limits

### Module 2: File Persona Configuration

- Configuring File Person using SSMC
- Configuring File Persona using CLI

### Module 3: Storage Provisioning

- Provisioning Groups
- Virtual File Servers
- File Stores
- File Sharing Protocols

### Module 4: Authentication and Authorization

- Local Authentication
- Stacking
- User Administration
- Configuring Authentication with SSMC and CLI
- ACLs
- Best Practices and Limitations

### Module 5: Quota Management

- General Functionality
- Benefits
- Managing Quotas Using SSMC
- Managing Quotas Using CLI
- File Persona Limitations and Scalability

### Module 6: Local Disaster Recovery

- Block Virtual Copy
- File Snapshots
- Share-based Backup
- NDMP Initial Setup
- NDMP Backup/Restore

### Module 7: Active Directory and LDAP Authentication

- Active Directory Authentication Process
- LDAP Authentication Process
- Configuring AD Authentication with SSMC
- Configuring AD Authentication with CLI
- Configuring LDAP Authentication with CLI

### Module 8: Antivirus Scanning

- Internet Content Adaptation Protocol (ICAP)
- Supported AV Software
- On-Access Scan
- On-Demand Scan
- Antivirus Global Configuration using SSMC
- Service and Policy Management using the CLI
- AV Events
- Performance Considerations and Limitations

**Module 9: Advanced NAS Features**

- Supported Cross Protocol Access Features
- Configuration Rules for Cross Protocol Access
- File Lock Enterprise Mode
- Defining Retention Policies and Attributes

**Module 10: Performance and Sizing**

- Setting Performance Expectations
- File Persona Storage Configuration
- Best Practices
- Troubleshooting
- Monitoring File Persona Performance
- Web Services API
- Online FSCK

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