



HP TRAINING

Hp 3par

Master HP 3PAR storage systems. Learn to configure, manage, and optimize enterprise data solutions for peak performance.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level HP 3PAR course provides comprehensive training on the architecture, administration, and advanced features of HP's leading enterprise storage platform. Participants will gain hands-on experience in managing highly virtualized, flash-optimized storage arrays, learning to provision storage, optimize performance, and implement robust data protection strategies. The curriculum is meticulously designed to equip IT professionals with the essential skills required to deploy, configure, and maintain HP 3PAR systems in modern data center environments, ensuring efficient and reliable data access.

Upon completion, attendees will be proficient in leveraging HP 3PAR's unique capabilities, such as thin provisioning, snapshots, remote replication, and autonomic management. This expertise translates directly into significant benefits for organizations, including reduced operational costs, enhanced data availability, and improved storage performance. Mastering HP 3PAR storage management empowers IT specialists to contribute to critical infrastructure projects, troubleshoot complex storage issues, and optimize resource utilization, making them invaluable assets in any enterprise striving for cutting-edge data infrastructure.

Level	Intermediate
Vendor	HP

COURSE CURRICULUM

- 01 Module 1: HP 3PAR Architecture and Initial Setup**
 - Introduction to HP 3PAR StoreServ Architecture
 - Key Features and Components (Nodes, Cages, Disks)
 - Understanding HP 3PAR OS and Management Console (SSMC)
 - Physical Installation and Initial Configuration Workflow
 - Connecting to the Management Interface (CLI and GUI)
- 02 Module 2: Basic Storage Provisioning and Host Integration**
 - Creating Common Provisioning Groups (CPGs)
 - Virtual Volume Creation and Management
 - Allocating Space with Thin Provisioning
 - Host Persona Configuration and Best Practices
 - Integrating with Linux, Windows, and VMware ESXi Hosts
 - Path Management and MPIO Configuration
- 03 Module 3: Advanced Data Services and Optimization**
 - Implementing Snapshots and Virtual Copies
 - Understanding and Utilizing Adaptive Optimization (AO)
 - Using Dynamic Optimization (DO) for Volume Migration
 - Configuring and Managing Dedup and Compression
 - Remote Copy (RC) Configuration for Disaster Recovery
 - Peer Persistence and Disaster Recovery Planning
- 04 Module 4: Performance Monitoring and Troubleshooting**
 - Monitoring HP 3PAR System Health and Performance
 - Utilizing System Reporter for Performance Analysis
 - Identifying and Resolving Common Performance Bottlenecks
 - Understanding Alerts, Events, and Logging

- Basic Troubleshooting Steps and Diagnostic Tools
- Hardware Component Failure Identification and Resolution

05 Module 5: Maintenance and Management Best Practices

- Firmware Upgrade Procedures and Best Practices
- Managing User Accounts and Role-Based Access Control
- Backup and Restore Strategies for 3PAR Configuration
- Capacity Planning and Forecasting
- Integrating with Monitoring Systems (e.g., SNMP)
- Security Considerations for HP 3PAR Environments

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Enterprise Storage Administrator (HP 3PAR Specialist)**
- > **Data Center Infrastructure Engineer (Storage Focus)**
- > **Cloud Storage Architect (Hybrid Cloud Integration with 3PAR)**

FREQUENTLY ASKED QUESTIONS

Q: What are the prerequisites for enrolling in the HP 3PAR course?

To get the most out of this intermediate HP 3PAR course, participants should have a foundational understanding of storage area networks (SANs), including Fibre Channel and iSCSI concepts. Prior experience with general server administration (Linux/Windows) and basic virtualization concepts (e.g., VMware ESXi) is also highly recommended. While not strictly mandatory, familiarity with any enterprise storage system will be beneficial.

Q: Which specific skills will I gain that are directly applicable to managing enterprise storage in a data center?

This course will equip you with the practical skills to configure CPGs, provision virtual volumes (both thick and thin), integrate HP 3PAR with various host operating systems, and implement advanced features like Adaptive Optimization and Remote Copy. You will master performance monitoring using System Reporter, perform essential troubleshooting, and understand best practices for maintaining a highly available and efficient HP 3PAR environment, directly preparing you for real-world enterprise storage challenges.

Q: How does mastering HP 3PAR through this course enhance my career in modern data center operations?

Proficiency in HP 3PAR makes you an invaluable asset in data center operations by enabling you to manage high-performance, resilient storage critical for modern applications and virtualized environments. You'll be able to optimize storage utilization, ensure data protection with advanced replication, and troubleshoot complex issues efficiently. This expertise directly supports roles requiring advanced SAN administration, infrastructure engineering, and even cloud integration, demonstrating your capability to handle enterprise-grade storage solutions from a leading vendor.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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