



HP TRAINING

Hk904 Managing Hp 3par Storeserv Ii Training Certification Course

Master the administration and optimization of HP 3PAR StoreServ II systems. Develop expert skills for efficient and scalable data storage management.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The Hk904 Managing HP 3PAR StoreServ II Training Certification Course is an intermediate-level program designed for IT professionals seeking to master the administration and optimization of HP's powerful 3PAR StoreServ storage systems. This comprehensive course delves deep into the architecture, configuration, and advanced management techniques specific to the StoreServ II platform. Participants will gain hands-on expertise in critical areas such as storage provisioning, data protection, performance tuning, and efficient resource allocation, ensuring they can leverage the full capabilities of 3PAR technology within enterprise environments. This certification is crucial for maintaining high availability, optimizing storage performance, and securing data assets within modern data centers. Mastering HP 3PAR StoreServ II equips you with the skills to design, deploy, and manage highly resilient and scalable storage solutions, directly contributing to your organization's operational efficiency and data integrity.

Level	Intermediate
Vendor	HP

COURSE CURRICULUM

01 Module 1: HP 3PAR StoreServ II Architecture and Components

- Understanding 3PAR StoreServ II hardware architecture (nodes, cages, disks)
- InForm OS and its role in 3PAR management
- Key architectural concepts: ASICs, common provisioning groups (CPGs), thin provisioning
- Introduction to the 3PAR Management Console and CLI

02 Module 2: Initial Setup and Basic Provisioning

- System initialization and configuration best practices
- Creating and managing Common Provisioning Groups (CPGs)
- Understanding virtual volumes (VVs) and their types
- Host connectivity and Fibre Channel/iSCSI considerations
- Mapping volumes to hosts and host persona settings

03 Module 3: Advanced Data Services and Features

- Implementing Thin Provisioning and Thin Deduplication
- Managing HP 3PAR Adaptive Optimization for tiered storage
- Utilizing Dynamic Optimization for non-disruptive volume migration
- Understanding and configuring Virtual Domains for multi-tenancy

04 Module 4: Data Protection and Replication

- Configuring Snapshots for point-in-time recovery
- Implementing Remote Copy (Synchronous and Asynchronous) for disaster recovery
- Using Virtual Copy for efficient data cloning
- Integrating with backup solutions and data archiving strategies

05 Module 5: Performance Monitoring and Troubleshooting

- Using System Reporter for performance analysis and capacity planning
- Identifying and resolving common performance bottlenecks
- Analyzing alert notifications and event logs
- Basic hardware diagnostics and fault isolation

Module 6: Maintenance and Best Practices

- 06**
- Firmware upgrades and patch management
 - Managing user access and security roles
 - Data migration strategies within 3PAR environments
 - Best practices for sustained performance and operational efficiency

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **HP 3PAR Storage Administrator**
- > **Enterprise SAN Engineer**
- > **Data Center Solutions Architect (Storage Focus)**

FREQUENTLY ASKED QUESTIONS

Q: What are the specific technical prerequisites recommended before enrolling in the Hk904 Managing HP 3PAR StoreServ II course?

While there are no strict official prerequisites, it is highly recommended that participants have a foundational understanding of storage area networks (SANs), Fibre Channel, iSCSI, and general data center operations. Prior experience with storage concepts like RAID, LUNs, and host connectivity will significantly enhance your learning experience and ability to grasp advanced 3PAR specific topics.

Q: How will this course specifically help me manage advanced features like Adaptive Optimization and Remote Copy within an existing HP 3PAR StoreServ II infrastructure?

This course provides in-depth modules dedicated to these advanced features. You will learn to configure and fine-tune Adaptive Optimization for intelligent data tiering based on usage patterns, ensuring optimal performance and cost efficiency. For Remote Copy, you'll gain practical skills in setting up both synchronous and asynchronous replication, understanding RPOs/RTOs, and effectively managing disaster recovery strategies for your 3PAR environment, including failover and failback procedures.

Q: What practical skills will I gain from this certification that are immediately applicable to optimizing a 3PAR StoreServ II system's performance and capacity?

Upon completion, you will be proficient in using 3PAR's built-in tools like System Reporter to analyze performance metrics, identify bottlenecks, and project capacity needs. You'll master the configuration of thin provisioning and deduplication to maximize storage utilization and understand how to leverage Adaptive Optimization and Dynamic Optimization to enhance performance for critical applications, ensuring your 3PAR system runs efficiently and cost-effectively.

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.

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Years of Excellence

10,000+

Professionals Trained

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READY TO ENROL?

Take the next step in your technology career.

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