

COURSE OUTLINE



Course Name: HCIP - Huawei Certified ICT Professional Storage V5.5

Course Code: HW-HCIP-STOR

DURATION	SKILL LEVEL	DELIVERY METHOD	TRAINING CREDITS	TECHNOLOGY
5 Day(s)	Intermediate	ILT/VILT Theoretics & Hands on practice	Huawei Voucher	Storage

Introduction

Training and certifying senior storage engineers capable of planning, designing, implementing, optimizing, managing, and troubleshooting storage systems.

The HCIP-Storage V5.5 course provides advanced knowledge of flash storage and scale-out storage technologies, including deployment, performance tuning, O&M, and troubleshooting.

Audience Profile

- Huawei engineers and Huawei channel engineers
- College students and ICT practitioners
- Professionals pursuing HCIP-Storage certification
- Those who want to become storage engineers
- Administrators of storage arrays

Prerequisites

- Understand basic network knowledge

- Understand computer components
- Understand the basic knowledge of the Windows and Linux operating systems
- Have a good command of HCIA-Storage

Course Objectives

- Know about product overview
- Know software and hardware architecture
- Understand key technologies
- Understand value-added features
- Know typical application scenarios
- Understand the installation process of storage products
- Understand the service configuration process of storage products
- Understand concepts related to storage performance
- Have general knowledge of storage performance evaluation methods
- Understand the methods of locating storage system performance problems
- Have a good command of storage system performance tuning methods
- Have a good command of storage system performance tests and tool usage
- Understand how to use storage O&M management tools
- Understand routine storage management operations
- Understand the basics of storage system troubleshooting
- Understand the procedures for troubleshooting a storage system
- Understand different ways to troubleshoot a storage system
- Understand how to replace parts

Course Content

Storage Technologies and Applications

- Flash Storage Technologies and Applications
 1. Product overview
 2. Software and hardware architecture
 3. Key technologies
 4. Value-added features
 5. Typical application scenarios
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- Data Protection Technologies and Applications
 1. OceanProtect backup storage
 2. OceanStor BCManager
 3. Typical application scenarios
- Scale-Out Storage Technologies and Applications
 1. Concepts and development trends of scale-out storage
 2. Software and hardware architectures of OceanStor Pacific products
 3. Key technologies of OceanStor Pacific products
 4. Key features of OceanStor Pacific products
 5. Application scenarios of OceanStor Pacific products

Storage Product Deployment

- Flash Storage Product Deployment
 1. Flash Storage Product Installation
 2. Flash Storage Service Configuration
- Scale-Out Storage Product Deployment
 1. Hardware Installation Process
 2. Network Planning
 3. Software Installation Process
 4. Service Configuration

Storage System Performance Tuning

- Storage System Performance Tuning
 1. Storage Performance Overview
 2. Storage Performance Evaluation
 3. Storage Performance Problems
 4. Storage Performance Tuning
 5. Storage Performance Test

Storage System O&M and Troubleshooting

- Storage System O&M Management
 1. Storage System O&M Management Tools
 2. Routine Management
 - Storage System Troubleshooting
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1. Basics of Troubleshooting
2. Troubleshooting Procedure
3. Collecting Information and Reporting a Fault
4. Replacing Parts
5. Case Analysis

Professional Certification & Exam

This course prepares delegates for the HCIP-Storage V5.5 certification exam H13-624.

You need to pass the following exam(s) to obtain the certificate.

- **HCIP-Storage**
 - Exam Code: H13-624
 - Exam Type: Written examination
 - Exam Format: Single-answer Question, Multiple-answer Question, True or false, Short Response Item

