# HW-HCIPSTOR

# HUAWEI CERTIFIED ICT PROFESSIONAL - STORAGE

| DURATION | LEVEL | TECHNOLOGY | DELIVERY METHOD | TRAINING CREDITS |
|---|---|---|---|---|
| 5 Days | Professional | Storage | ILT/VILT | Huawei Voucher |

## INTRODUCTION

Training and certificating senior storage engineers who are capable of planning and designing storage systems, deploying and implementing storage systems, optimizing performance, managing and maintaining storage systems, and troubleshooting storage systems.

In addition, the HCIP-Storage V5.5 certification course aims to train and certify a good understanding of the functions and application scenarios of flash storage and scale-out storage products. A good command of installation and commissioning, performance tuning, routine O&M, and troubleshooting of storage devices.

## AUDIENCE PROFILE

Huawei engineers, Huawei channel engineers, college students, and ICT practitioners.

## PREREQUISITES

Before attending this course, delegates should:

- 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

After completing this course, delegates should:

- 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

**Module 1: Storage Technologies and Applications**

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

**Module 2: Storage Product Deployment**

- **Flash Storage Product Deployment**
  - Flash Storage Product Installation
  - **Flash Storage Service** Configuration
- **Scale-Out Storage Product Deployment**
  - Hardware Installation Process
  - Network Planning
  - Software Installation Process
  - Service Configuration

**Module 3: Storage System Performance Tuning**

- **Storage System Performance Tuning**
  - Storage Performance Overview
  - Storage Performance Evaluation
  - Storage Performance Problems
  - Storage Performance Tuning
  - Storage Performance Test

**Module 4: Storage System O&M and Troubleshooting**

- **Storage System O&M Management**
  - Storage System O&M Management Tools
  - Routine Management
- **Storage System Troubleshooting**
  - Basics of Troubleshooting
  - Troubleshooting Procedure
  - Collecting Information and Reporting a Fault
  - Replacing Parts
  - Case Analysis

## ASSOCIATED CERTIFICATIONS & EXAM

The HCIP-Storage V5.5 H13-624 exam covers high-level knowledge of storage flash storage and scale-out storage, including technical principles, software and hardware architectures, typical application scenarios, software and hardware deployment methods, performance test analysis and optimization, usage of storage O&M tools, and storage system troubleshooting processes and methods.