

Course Outline

Course Name: HCIA – Huawei Certified ICT Associate Storage V5.0

Course Code : HW- HCIA-STOR



DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
5 Days	Foundation	Storage	ILT/VILT	Huawei Voucher

Introduction

HCIA-Storage introduces how storage supports the development and application of new IT technologies such as AI, big data and cloud computing.

It provides a systematic and practical understanding of storage technologies, focusing on modern, relevant solutions including storage trends, architecture, business continuity, and data centre operations.

Audience Profile

- Personnel who want to become storage engineers
- Personnel who want to obtain HCIA-Storage V5.0 certification

Prerequisites

- Basic knowledge of IT technologies and networks

Course Objectives

After completing the training, you will be able to:

- Understand definitions of information and data
- Understand development trends of data storage products
- Understand the functions and components of controller enclosures and disk enclosures
- Understand scale-up and scale-out concepts, including related cables and interface modules
- Understand the working principles of RAID 2.0+, dynamic RAID and RAID-TP
- Understand common protocols used in storage systems, including their working principles and characteristics
- Understand storage network architecture evolution and storage networking technology evolution
- Be familiar with the features and positioning of Huawei storage products
- Understand DeviceManager, CLI and UltraPath storage system management tools
- Understand service characteristics, implementation principles and application scenarios of resource tuning technologies
- Understand service characteristics, implementation principles and application scenarios of data protection technologies
- Be familiar with common storage system O&M management tools and typical O&M processes

Course Content

1. Storage Technology Trends

- Data and Information
- Data Storage
- Development of Storage Technologies
- Development Trend of Storage Products

2. Intelligent Storage Basics

- Intelligent Data Storage System
- RAID Technologies
- Common Storage Protocols
- Storage Network Architecture

3. Huawei Storage Products and Technologies

- Huawei Intelligent Storage Products
- Storage System Operation Management
- Storage Resource Tuning Technologies and Applications
- Storage Data Protection Technologies and Applications

4. Storage System O&M Management

- Storage System O&M Management

HCIA-Storage V5.0 Lab Guide

- Scenario-based Practice of Basic Storage Service Configurations (for Block) (For Trainees)
- Scenario-based Practice of Basic Storage Service Configurations (for File) (For Trainees)
- Scenario-based Practice of HyperClone (For Trainees)
- Scenario-based Practice of HyperSnap (For Trainees)
- Scenario-based Practice of SmartQoS (For Trainees)
- Scenario-based Practice of Storage O&M Management (For Trainees)

Associate Certification & Exam

This course prepares delegates for the HCIA-Storage V5.0 certification exam H13-611.

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

- HCIA-Storage
- Exam Code: H13-611
- Exam Type: Written examination
- Exam Format: Single-answer Question, Multiple-answer Question, True or false, Short Response Item, Drag and Drop Item
- Time: 90 minutes