



HUAWEI TRAINING

HCIA-Storage

Master Huawei storage basics, including SAN, NAS, and backup. Achieve your HCIA-Storage certification and manage enterprise data.

DURATION

40 hours

LEVEL

Beginner

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The Huawei Certified ICT Associate – Storage (HCIA-Storage) course offers a comprehensive, foundational understanding of enterprise storage technologies, making it ideal for beginners eager to step into the world of data management. This intensive 40-hour program delves into the core concepts of storage networking, data protection, and the architecture of modern storage systems. Participants will gain insights into key technologies such as Direct Attached Storage (DAS), Network Attached Storage (NAS), and Storage Area Networks (SAN) including both Fibre Channel (FC) and IP SAN (iSCSI), alongside essential data protection mechanisms like RAID.

Through practical exploration, students will become familiar with the robust Huawei OceanStor series, learning basic configuration, management, and troubleshooting techniques. The curriculum is designed to equip learners with immediately applicable skills, enabling them to understand, deploy, and maintain fundamental storage solutions in an enterprise environment. By mastering these critical concepts and Huawei-specific technologies, you'll establish a strong professional foundation, essential for managing the ever-growing demands of data storage in today's digital landscape.

This certification is a crucial stepping stone for IT professionals looking to specialize in data center operations, cloud infrastructure, or storage administration. It validates your ability to handle basic storage tasks, interpret storage network topologies, and implement basic data backup and recovery strategies, significantly enhancing your employability and preparing you for more advanced Huawei certifications.

Duration	40 hours
Level	Beginner
Vendor	Huawei

PREREQUISITES

- Basic IT infrastructure knowledge

COURSE CURRICULUM

01 Module 1: Basic Storage Technologies and Trends

- Introduction to Enterprise Storage
- Evolution and Development Trends of Storage Technologies
- Key Storage Concepts: DAS, NAS, SAN
- Block, File, and Object Storage
- Components of a Storage System (Controllers, Disks, Ports)

02 Module 2: Storage Network Technologies

- Fibre Channel (FC) SAN Architecture and Components
- IP SAN (iSCSI) Architecture and Configuration Basics
- Comparison of FC SAN and IP SAN
- NAS Protocols: NFS and CIFS

03 Module 3: Data Protection and Business Continuity

- RAID Technologies and Data Protection Levels (RAID 0, 1, 5, 6, 10)
- Data Backup and Recovery Principles and Solutions
- Disaster Recovery (DR) Solutions and Technologies

- High Availability (HA) for Storage Systems

04 Module 4: Huawei Storage System Overview and Basic Management

- Introduction to Huawei OceanStor Storage Products
- Huawei Storage System Architecture and Components
- Basic Configuration and Management (Creating LUNs, Mapping, File Systems)
- Monitoring and Troubleshooting Basics for Huawei Storage
- Introduction to Value-Added Features (e.g., Snapshot, Replication)

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Entry-level Storage Administrator**
- > **Junior Data Center Technician**
- > **IT Infrastructure Support Specialist (with Storage Focus)**

FREQUENTLY ASKED QUESTIONS

Q: What practical skills will I acquire from the HCIA-Storage course that are immediately relevant to real-world IT infrastructure roles?

This course equips you with the fundamental skills to configure, operate, and troubleshoot basic enterprise storage systems, specifically Huawei OceanStor. You'll learn to implement RAID for data protection, set up Fibre Channel and IP SAN networks, manage LUNs, and perform basic data backup and recovery operations. These hands-on abilities are crucial for entry-level storage administration and IT support positions, making you immediately valuable to teams managing data center infrastructure.

Q: Are there any specific technical prerequisites or recommended background knowledge required before enrolling in the HCIA-Storage course?

While HCIA-Storage is designed for beginners in the storage domain, a basic understanding of computer networks, operating systems (like Windows or Linux), and general IT concepts will be highly beneficial. Familiarity with networking fundamentals (such as IP addressing and Ethernet) will help you grasp the storage networking concepts more quickly, though the course covers storage-specific network aspects from the ground up.

Q: How does achieving the HCIA-Storage certification contribute to a career path within the broader field of data center or cloud infrastructure?

The HCIA-Storage certification serves as a robust foundational credential for a career in data center management, cloud infrastructure, or specialized storage engineering. It validates your understanding of core storage principles and Huawei's leading storage technologies, making you a valuable asset for organizations utilizing Huawei solutions. This certification is also the essential first step towards pursuing advanced Huawei certifications like HCIP-Storage and HCIE-Storage, opening doors to more specialized and senior roles in the evolving data storage landscape.

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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