HCIA-Storage

Duration: 5 Days

Prerequisites:

- Have basic network knowledge
- Have basic computer knowledge
- Have basic knowledge of Windows/Linux

Course Objectives:

Upon completion of this program, the participants will be able to:

- Understand how storage supports the development and application of Cutting-edge new technologies (Such as AI, Big data, cloud computing)
- Understand the key role of storage in the entire IT development
- Master storage ecosystem knowledge and have a more in-depth and systematic understanding of storage common technical knowledge
- Master business continuity technology and application knowledge, and have a deeper understanding of the data center backup solution and disaster recovery solution
- Perform data center storage management and maintenance operations

Intended Audience:

- Those who want to be storage engineer
- Those who want to achieve HCIA-Storage V4.5 certification
- Administrator of storage array

Course Outlines:

Introduction To Basic Knowledge of Storage Technology Trends

- Definition of data, information, and data storage
- Storage technology development
- Storage product development trend

Introduction To Basic Storage Technologies

- Storage product forms, components, working principles
- Cascading cables, modes, and interface models between storage enclosures
- Technical principles of traditional RAID and RAID 2.0+
- Dynamic RAID algorithm and RAID-TP principle
- Common storage system protocols
- Working principles and features of the protocol
- Storage system architecture evolution
- Huawei storage product architecture
- Storage network architecture evolution
- Storage networking technology evolution
- Features and positioning of Huawei storage products
- Typical application scenarios

Introduction To Common Advanced Storage Technologies

- Service features, implementation principles, and application scenarios of Smart series technologies
- Service features, implementation principles, and application scenarios of Hyper series technologies

Introduction To Storage Business Continuity Solutions

- Basic management operations of the storage system
- Common storage system O&M management tools
- Typical storage system O&M process