

HCIA DATACOM

Contenido

- Data communication and network basics.
- Build an IP network with interconnection and interworking.
- Ethernet switching network construction.
- Cyber security infrastructure and network access.
- Network services and applications.
- WLAN basics.
- WAN basics.
- Network management and O&M.
- IPv6 basics.
- SDN and automation basics.



HCIA SECURITY

Contenido:

- Network security concepts and specifications.
- Network basics.
- Common network security threats and threat prevention.
- Firewall security policy.
- Firewall NAT technologies.
- Firewall hot standby technologies.
- Firewall user management technologies.
- Firewall intrusion prevention technologies.
- Fundamentals of encryption technologies.
- PKI certificate system.
- Encryption technology applications.



HCIA WLAN

Contenido:

- WLAN Overview
- WLAN Technology Basics
- WLAN Networking Model
- Introduction to Wi-Fi 6 Technologies and Products
- Working Principles of WLAN
- WLAN access authentication
- WLAN Access Configuration
- WLAN Troubleshooting
- WLAN Antenna Technology
- WLAN Deployment Overview



HCIA CLOUD COMPUTING

Contenido:

- Cloud computing basics.
- Server basics.
- Storage Technology Basics.
- Network Technology Basics.
- Operating System Basics.
- Virtualization.
- Huawei Virtualization Platform.
- Huawei Virtualization Platform Management and Usage.
- Overview of FusionAccess.
- FusionAccess: Planning and Deployment.
- FusionAccess: Service Provisioning.
- FusionAccess: Features and Management.
- Cloud Computing Trends.



HCIA CLOUD SERVICE

Contenido:

- Cloud Computing Basics
- HUAWEI CLOUD Overview
- Compute Cloud Services
- Network Cloud Services
- Storage Cloud Services
- Database, Security, CDN, and EI Services
- HUAWEI CLOUD Basics



HCIA BIG DATA

Contenido:

- Big Data Development Trends and the Kunpeng Big Data Solution.
- HDFS - Hadoop Distributed File System & ZooKeeper.
- HBase - Distributed Database & Hive - Distributed Data Warehouse.
- ClickHouse - Online Analytical Processing Database Management System.
- MapReduce and YARN Technical Principles.
- Spark - In-memory Distributed Computing Engine & Flink - Stream and Batch Processing in a Single Engine.
- Flume's Massive Log Aggregation & Kafka's Distributed Messaging System.
- Elasticsearch - Distributed Search Engine.
- MRS Huawei's Big Data Platform.
- Huawei DataArts Studio.



HCIA AI

Contenido:

- AI Overview.
- Machine Learning Overview.
- Deep Learning Overview.
- AI Development Framework.
- Introduction to Huawei AI Platforms.
- Cutting-edge AI applications.

