

Training: Huawei
HCNA-SDN Software Defined Networking

FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	2000 USD	5 days
Traditional	CTAB Tablet	2130 USD	5 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

Such training aims to provide guidance to participants in learning contents related to the HCNA for Software Defined Networking H31-611-ENU exam and basic knowledge of Huawei SDN products.

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

- Describe Carrier Network Architecture ,Evolution and Challenges
- Complete Carrier Core/Bearer/MAN/RAN Network Architecture
- Describe Problems and Challenges in Carrier Network
- Describe SDN Architecture and Ecosystem
- Describe Key Technologies in Network Future
- Describe SDN Concepts
- Describe SDN ONF and IETF Standards
- Describe Huawei SDN Products
- Describe Huawei SDN Networking Application and Use Cases
- Describe SDN Layer 2 Networking Principles
- Describe SDN Layer 3 Networking Principles
- Describe OpenFlow Protocol And Application
- Describe Netconf Protocol And Application
- Describe RestFul Protocol And Application

Target Audience

- This program is intended for those who want to be certified by HCNA-SDN exam

CONSPECT:

- Carrier Network Architecture ,Evolution and Challenges(DC)
 - Network Past, Present and Future
 - Carrier Core/Bearer/MAN/RAN Network Architecture
 - Problems and Challenges in Carrier Network
- SDN Architecture and Ecosystem(DC)
 - Key Technologies in Network Future
 - SDN Concepts
 - SDN Networking Layers
 - SDN ONF and IETF Standards
 - Open DayLight (ODL)
 - Open Network Operating System (ONOS)
- Huawei SDN Products Overview(DC)
 - Huawei SDN Routers Introduction
 - Huawei SDN CloudEngine Switches Introduction
 - Huawei SDN Controller(SNC) Introduction
 - Huawei SDN Orchestrator(Netmatrix) Introduction
- Huawei SDN Networking Application and Use Cases(DC)
 - Huawei WAN Network SDN Application and Use Cases
 - Huawei Data Center SDN Application and Use Cases
 - Huawei Transport SDN Application and Use Cases
 - Huawei Cloud SDN Application and Use Cases
- SDN Layer 2 Networking Principles(DC)
 - Ethernet Networks in SDN
 - Optical Network Fundamentals And Application in SDN
- SDN Layer 3 Networking Principles(DC)
 - IGP Protocols Introduction And Application in SDN
 - BGP Protocols Introduction And Application in SDN
- SDN Interface Protocols And Principles(DC)
 - Introduction of SDN OpenFlow Protocol And Application
 - Introduction of SDN Netconf Protocol And Application
 - Introduction of SDN RestFul Protocol And Application
 - Introduction of SNMP Protocol And Application
 - Introduction of NetStream Protocol And Application
- SDN Integrated Practice(DC)

- SDN Layer 2 Internetworking with SNC and NetMatrix Practice
- SDN Layer 3 Internetworking with SNC and NetMatrix Practice

REQUIREMENTS:

Having basic knowledge in telecom network and service commissioning

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Huawei.

This course prepares you for the HCNA Huawei Certified Network Associate H31-611-ENU exam. HCNA certification exams are offered worldwide through the Prometric test centers. More information about Huawei certification program and available specializations you can find on the:

<http://support.huawei.com/learning/NavigationAction!createNavi?navId=CERTIFICATE&lang=en>

TRAINER:

Huawei Certified Trainer.