

Training: Huawei  
Everyone Learns IT - SDN Technology

**FORM OF TRAINING****PRICE****DURATION**

E-learning

480 USD

10 days

## TRAINING GOALS:

This course introduces the SDN technical knowledge, including SDN technology, Data center core technology network technology.

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

- Understand the basic principles of SDN, SDN related standards and solutions, SDN device forwarding process
- Understand NETCONF, Openflow, RESTful
- Understand the SDN related programs
- Understand the SDN related products, hardware architecture, features, types and role, master the controller and server configuration and application scenarios
- Understand the data center-related network technology, including IP basic knowledge, Router, Switch, firewalls and other equipment.

### Target Audience:

- Everyone interested in topics
- SDN technology related network planners, SDN technology related network operation personnel

## CONSPECT:

- First week
  - SDN
    - Overview of SDN Networks
    - PCE + program introduction
    - RR + scenario deployment example
    - RR + program introduction
    - Introduction to SDN Protocol - NETCONF
    - SDN Protocol Introduction
    - SDN Protocol Introduction

- E9000 series blade servers
- Overview of SDN products and features
- Overview of SDN Controller Operation and Maintenance
- Quiz
- First week test
- Second week
  - Data center core technology network technology
    - IP routing technology
    - MPLS technology description
    - VPN technology description
    - IPv6 technical description
    - VLAN technology description
    - Overview of Network Routine Maintenance
    - QoS technology description
    - Switch Product Description
    - Router Product Description
    - NAT technology description
    - Firewall Product Description
    - Firewall technology description
    - Quiz
  - Final Test

## REQUIREMENTS:

No prerequisites.

## Difficulty level



## CERTIFICATE:

The participants will obtain certificates signed by Huawei.

## TRAINER:

Huawei Certified Trainer.

## ADDITIONAL INFORMATION:

Massive Open Online Courses ([MOOCs](#)) series “Everyone Learns IT” works based on the Huawei Learning Cloud Service <http://www.huaweils.com/en>.

Huawei Learning Cloud Services is a set of online learning management system can help companies to build an efficient and easy to use talent management and learning and development online learning platform. Providing include HR management, training management, online learning , e-lab services.

User can access learning cloud from Windows, MAC, iOS, Android.

All Huawei MOOC courses are provided in English.

Duration: Min 2 weeks (10 days).