

# HCIP-Datcom-WAN Planning and Deployment

## Training Content:

### Enterprise Bearer WAN Solution

- Enterprise WAN IP Bearer Network Overview
- CloudWAN Solution Overview
- Typical Application Scenarios of the CloudWAN Solution

### Enterprise Bearer WAN Architecture and Key Technologies

- Enterprise bearer WAN architecture
- Basics of bearer WAN
- VPN service
- Network traffic optimization
- SLA
- Network reliability
- Network management and O&M

### WAN VPN Technologies

- WAN VPN Overview
- MP-BGP Overview
- WAN VPN Architecture Principles and Technologies Evolution

### MPLS TE Fundamentals and Configuration

- MPLS TE Overview
- MPLS TE Working Principles
- MPLS TE Reliability
- Advanced MPLS TE Features

### Segment Routing

- Overview of Segment Routing
- Technical Principles of Segment Routing
- Segment Routing Tunnel Protection and Detection
- Typical Application Scenarios of Segment Routing
- Basic Segment Routing Configuration

### SRv6 Overview

- Overview of Segment Routing IPv6
- Segment Routing IPv6 Network Programming
- Introduction to SRv6 Policy
- Typical SRv6 Cases
- Basic SRv6 Configuration

## **Huawei CloudWAN Solution Architecture and Fundamentals**

- **Huawei CloudWAN Solution Overview**
- **Network Management**
- **Network traffic control**
- **Network Performance Analysis**

## **Huawei CloudWAN Solution O&M and Troubleshooting**

- **Huawei CloudWAN Solution Controller Introduction**
- **Service O&M**
- **Troubleshooting Common Basic Faults**

## **Huawei CloudWAN Solution Design Practice (Financial Scenario)**

- **Financial Industry Background**
- **Financial Cloud Backbone Network Design**
- **Financial Cloud Backbone Network Design Cases**