

## Training: Alcatel-Lucent Enterprise Alcatel-Lucent OmniSwitch AOS - Core Switching (DT00CTE116)



Please contact us by phone using the form below in order to perform calculations as training

### TRAINING GOALS:

At the end of the course, the participant will be able to Implement and support a network comprised of Alcatel-Lucent's OmniSwitch 6900, 6860, 6850E, 9000E and 10K Series of switches in a Core Network environment.

### CONSPECT:

- Implementing Redundant Networks:
  - OmniSwitch "Chassis" solution description
  - Redundancy Using Spanning Tree
  - Dual-home link
  - Virtual Router Redundancy
  - Server Load Balancing
  - Multi-chassis LAG
- OSPF Implementation
- Global Routing Protocols Redistribution
- Bidirectional Forwarding Detection
- Multicast Routing
  - Multicast Routing introduction
  - Distance Vector Multicast Routing Protocol
  - Protocol Independent Multicast (PIMSM & PIMDM)
- Border Gateway Protocol
- Virtual Routing and Forwarding
- Consistent AOS Network Security
  - LPS
  - Policy based routing
  - Advanced ACL Groups
  - BPDU Guard

- DOS Protection
- ARP poisoning
- Traffic Anomaly Detection
- DHCP snooping and option 82
- Port Mapping
- Storm Control
- Access Guardian Host Integrity Check
- OmniVista Security Applications Introduction
- Web Cache Control Protocol

## REQUIREMENTS:

- To have attended the on-line course DT00WTE909: OmniSwitch Series
- To have attended the course DT00CTE915: OmniSwitch access Switching
- To have an understanding of LAN concepts (IP, Ethernet, switching and routing, VLAN, QOS, Spanning tree).

## Difficulty level



## CERTIFICATE:

The participant will obtain certificates signed by Alcatel Lucent.

## TRAINER:

ACFE Instructor - Alcatel-Lucent Certified Field Expert Instructor.