

Training: Alcatel-Lucent Enterprise Alcatel-Lucent OmniSwitch AOS - Bootcamp (DT00CTE120)



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 LAN network comprised of Alcatel-Lucent's OmniSwitch R6: 9000E, 6850E/6855, 6400, 6450 and 6250 Series of switches, OmniSwitch R7: 6900 and 10k series of switches, and R8: 6860 series of switches.

CONSPECT:

- Alcatel-Lucent Enterprise Data Solution description
- OmniSwitch R6/R7/R8 Overview and architecture
- System Administration
- AOS Operating System code upgrade
- Edge "Virtual chassis" management
- VLAN description and configuration
- LLDP setup
- Static and Dynamic Link Aggregation
- Multi-Chassis Link Aggregation
- Spanning Tree protocol standards and configuration
- IP Interfaces (VLAN, loopback)
- IP Routing Protocols Configuration
- VRRP
- Static routes
- Universal Network Profile
- RIP Routing
- OSPF routing
- Layer 3 Options and Protocol Redistribution
- IP Multicast Routing configuration
- BGP Concepts and Basic Configuration
- Virtual Routing and Forwarding

- Quality Of Service
- Server Load Balancing
- Security Network access Control
- Flow Based Filtering
- Access Guardian 2.0 and Policies definition
- BYOD with ClearPass
- Consistent AOS network security
- Basic maintenance and diagnostic tools

REQUIREMENTS:

- To have attended the on-line course DT00WTE909: OmniSwitch Series
- To have a basic understanding of routing principles (IP, RIP OSPF, BGP). Knowledge of Layer 2 technologies, SNMP and MIB structure is recommended

Difficulty level



CERTIFICATE:

The participant will obtain certificates signed by Alcatel Lucent.

TRAINER:

ACFE Instructor - Alcatel-Lucent Certified Field Expert Instructor.