Enterprise SONiC Distribution by Dell Technologies Deploy (ESDDTD)

ID ESDDTD **Price** US $ 3,130.—(excl. VAT) **Duration** 5 days

Who should attend

This course is intended for professionals who will implement Enterprise SONiC on Dell Data Center Networking products.

Prerequisites

We recommend the participant complete the following course or have equivalent understanding:

- ESNETD03880 Dell Networking Concepts and Features

Participants should have a basic understanding of the following topics:

- Multi-protocol network switches
- IPv4 and IPv6 addressing
- Network OS CLI Commands
- VLANs, LLDP, LAG, STP, VXLANs, and ACLs

Course Objectives

Upon successful completion of this course, participants should be able to:

- Understand how Enterprise SONiC Distribution by Dell Technologies compares with other SONiC distributions and list Use cases
- Install Enterprise SONiC.
- Use MF-CLI commands to configure and verify basic network features.
- Configure and verify a VRRP implementation.
- Configure and verify an MC-LAG implementation.
- Configure and verify static and OSPF routing.
- Configure and verify a BGP routing implementation.
- Configure and verify L2 VXLAN BGP EVPN with Asymmetric IRB.
- Configure and verify L3 VXLAN BGP EVPN with Symmetric IRB.
- Configure and verify Q-in-Q and VLAN translation.
- Configure and verify QoS and performance features.
- Configure and verify IPv6 neighbor discovery

Course Content

- Concepts
- Installation
- Administration
- Virtual Router Redundancy Protocol (VRRP)
- MC-LAG
- Configure Routing Protocols
- Boarder Gateway Protocol (BGP)
- L2 VXLAN BGP EVPN with Asymmetric IRB
- L3 VXLAN BGP EVPN with Symmetric IRB
- Q-in-Q and VLAN Translation
- Quality of Service (QoS) and Performance
- IPv6 Neighbor Discovery

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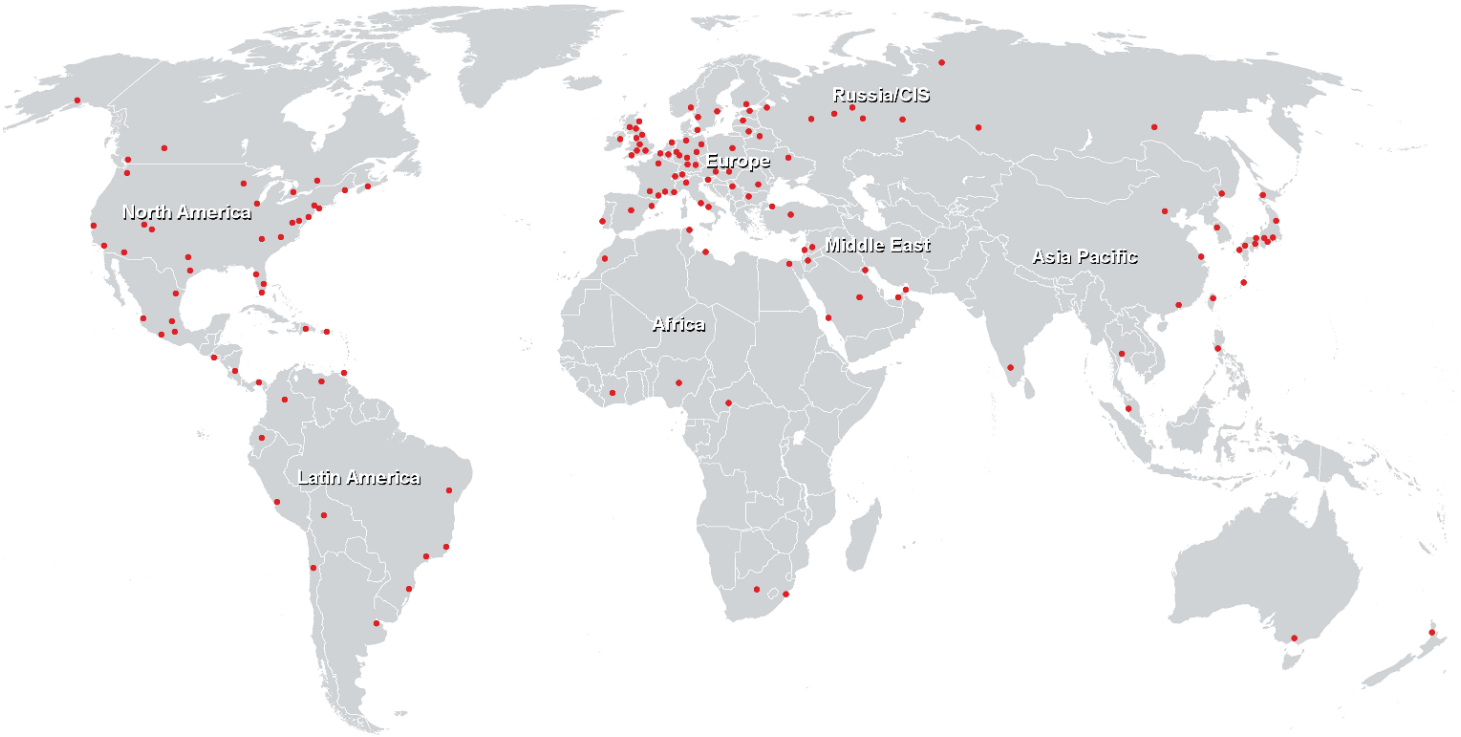
Training Centres worldwide



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