

# Enterprise SONiC Distribution by Dell Technologies Deploy (ESDDTD)

ID ESDDTD Prix US \$ 3 130,- (Hors Taxe) Durée 5 jours

#### A qui s'adresse cette formation

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

#### Pré-requis

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

### **Objectifs**

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

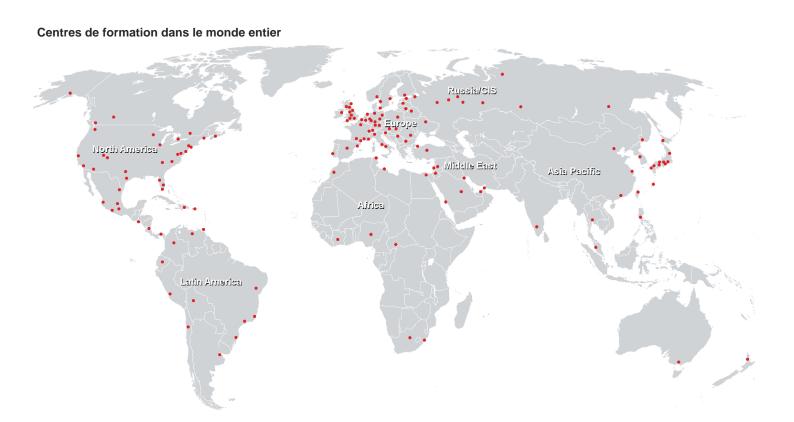
- Understand how Enterprise SONiC Distribution by Dell Technologies compares with other SONiC distributions and list Use cases
- Install Enterprise SONiC.
- Use MF-CLI commands to configure and verify basic network features.
- · Configure and verify a VRRP implementation.
- Configure and verify an MC-LAG 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

#### Contenu

- 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

## Enterprise SONiC Distribution by Dell Technologies Deploy (ESDDTD)





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3 CH-8304 Wallisellen Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch