Versa Secure SD-WAN Configuration and Administration 20.2

Course Overview

This two-day course is designed to provide participants with an understanding of the Versa Networks Software Defined Security features and functions that are part of the Versa Operating System (VOS™), and the methods of configuring, managing, and monitoring the Secure SD-WAN through the VOS CLI, Versa Director, and Versa Analytics.

The course puts these concepts into practice with step-by-step, hands-on lab exercises which allow participants to gain conceptual and practical knowledge and skills in the configuration, deployment, administration, and monitoring of the Versa Secure SD-WAN.

This course is based on VOS 20.2.

Course Objectives

- Describe the benefits of an SD-WAN solution
- Describe the control and data planes of the Versa Secure SD-WAN solution
- Become efficient in using the Versa Director user interface
- Create, modify, and delete templates using Device Template Workflows
- Create, modify, and delete appliances using Device Workflows
- Describe the functionality of full mesh and hub-and-spoke topologies
- Configure full mesh and hub-and-spoke topologies
- Import and export device configurations
- Manage software patches and upgrades, and upgrade CPE devices using Versa Director
- Monitor and analyze network performance using Versa Director and Versa Analytics
- Use built-in diagnostic tools to test network reachability and performance

Course Length

2 Days

Target Audience

This course is designed for engineers who plan, implement, and services Versa SD-WAN or vCPE networks. Target roles include Systems Engineers, Network Engineers, Network Security Specialists, Field Engineers, Technical Support personnel, Channel Partners and resellers.

Course Prerequisites

Participants should have a basic to intermediate level knowledge of IP networking, routing fundamentals, routing protocols, and basic IPsec and encapsulation/tunneling concepts.
Additionally, it is recommended that participants complete the following free, self-paced online courses:

- Versa Essentials
- Versa SD-WAN Basics
- Versa Secure SD-WAN Provisioning
- Versa Analytics Basics

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Course Content

Day 1	Day 2
• Course Introduction • Versa Control and Data Planes • Versa Director User Interface • Lab: Versa Director User Interface • Workflows and Templates • Lab: Workflows and Templates • Topologies: • Full Mesh • Spoke to Hub Only • Spoke to Spoke via Hub • Spoke to Spoke Direct • Hub Controllers • Lab: Topologies	• Device Configuration Management • Software Management and Upgrades • Alarms and Notifications • RMA Process • Lab: Configuration and Device Management • Realtime Statistics • Historical Statistics • Lab: Statistics and Monitoring • Diagnostic tools • Lab: Using Diagnostic Tools

Delivery Options

2-day Instructor Led Training (ILT) or Instructor Led Online (ILO)

Course includes access to the online self-paced version of the course for 1 year for reference and study.

Lab Overview

The labs in this course provide hands-on instruction in the use of Versa Director for configuration and monitoring of an SD-WAN environment, including using Versa Director, creating device templates and devices using workflows, managing device configurations, software, and alarms, and monitoring the performance and status of the SD-WAN.

Lab Topology Type: Shared Environment

Number of Lab Exercises: 6