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Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Deploy & Manage Citrix SD-WAN Essentials

CODE: LENGTH: PRICE:

CNS-230   24 Hours (3 days)   €1,990.00

Description

Students will learn the various SD-WAN implementations and deployment modes available, and how to choose the one that is right for their organization. They will take a tour of the underlying architecture of SD- WAN and learn how to differentiate between the various components. Students will understand how the different elements of SD-WAN come together to provide a better network experience. Topics include: Quality of Service, Classes of Service, Rules,Dynamic Routing, DHCP Services, Zero Touch Deployment and the SDWAN management tools available.

Hands-on labs are used throughout this course to provide students with exposure to the product.

This course is currently on Citrix SD-WAN version 10.x

Objectives

After completing this course you should be able to :

- Understand the deployment options available
- Complete the initial configuration and management of Citrix SD-WAN
- Understand the provisioning and management considerations
- Understand the SD-WAN security considerations
- Understand the SD-WAN optimizations available

Audience

IT Professionals looking to deploy or manage Citrix SD-WAN

Prerequisites

Attendees should meet the following pre-requisites:

- Understanding of different computer networks such as LAN and WAN
- Familiarity with data-carrying techniques, including Multiprotocol Label Switching (MPLS), Metro Ethernet, and VPN tunneling
- Understanding of techniques for increasing data transfer efficiencies / WAN optimization
- General understanding of branch network technologies; Routing, Firewall, DHCP, Internet control, Quality of Service

Programme

Module 1: Citrix SD-WAN Introduction and Overview

- Citrix SD-WAN Functionality
- Platforms & Editions
- Initial Configuration

Module 2: Citrix SD-WAN Deployment Modes and Configuration

- Deployment Mode Options
- Multi-Region Deployment
- Interface Groups
- Virtual IP Addresses
- WAN Links

- Change Management
- Upgrading Deployments
- Zero Touch Deployment Options

Module 3: Citrix SD-WAN Provisioning and Change Management

- Appliance Architecture
- SD-WAN Management Architecture Options
- Packet Processing and Architecture
- SD-WAN Services

Module 4: Citrix SD-WAN Security Considerations

- Citrix SD-WAN Physical Security
- Appliance Security Considerations
- Network Security
- Stateful Firewall Considerations
- Firewall Rules and Zones
- Security Administration and Management

Module 5: Citrix SD-WAN Quality of Service

- Citrix SD-WAN Quality of Service
- Classes of Service and Rules
- Application Quality of Service
- SD-WAN Transmit Modes
- Bandwidth Provisioning
- Deep Packet Inspection

Module 6: Citrix SD-WAN Optimizations

- Dynamic Routing
- IPsec Termination
- MPLS Queues
- Path State Sensitivity Control
- Virtual Router Redundancy Protocol Support

Test and Certification

Recommended as preparation for the following exams:CC-SDWAN Certification

Session Dates

On request. Please contact us

Additional Information

This training is also available as onsite training. Please contact us to find out more.