



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Deploy & Manage Citrix SD-WAN Essentials

CODE:	LENGTH:	PRICE:
CTX-CNS-230	24 Hours (3 days)	\$3,000.00

## Description

Learn the various SD-WAN implementations and deployment modes available, and how to choose the one that is right for your organization. Take a tour of the underlying architecture of SD-WAN and learn how to differentiate between the various components. 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 SD-WAN management tools available. Hands-on labs to be provided.

## Objectives

Upon successful completion of this course, learners are able to:

- Deployment options available
- Initial configuration and management of Citrix SD-WAN
- Provisioning and management considerations
- SD-WAN security considerations
- SD-WAN optimizations available

## Audience

Built for IT Professionals working with Citrix SD-WAN, with little or no previous SD-WAN experience. Potential students include administrators, engineers, and architects interested in learning how to deploy or manage Citrix SD-WAN.

## Prerequisites

Recommended Prerequisite Knowledge:

- 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

	Citrix SD-WAN Functionality
Module 1: Citrix SD-WAN Introduction and Overview	Platforms & Editions
	Initial Configuration
	Deployment Mode Options
	Multi-Region Deployment
	Interface Groups
	Virtual IP Addresses
Module 2: Citrix SD-WAN Deployment Modes and Configuration	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

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

Module 4: Citrix SD-WAN Security Considerations

Security Administration and Management

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 5: Citrix SD-WAN Quality of Service

Module 6: Citrix SD-WAN Optimizations

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

## Test and Certification

This course helps prepares candidates to get the 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.](#)