



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

You can reach us at:

Arrow ECS, Woluwedal 30, 1932 Sint-Stevens-Woluwe

Email: education.ecs.benelux@arrow.com
Phone: +32 2 332 19 57



Deploy and Manage Citrix SD-WAN – Essentials

CODE:	LENGTH:	PRICE:
CTX_CNS-230	16 Hours (2 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 SD-WAN 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.](#)