



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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**You can reach us at:**

9201 Dry Creek Rd. Centennial, CO 80112, United States

Email: [arrow\\_learning@arrow.com](mailto:arrow_learning@arrow.com)  
Phone: 303 790 2330



# 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

|  |   |
|--|---|
|  | Deployment options available                          |
|  | Initial configuration and management of Citrix SD-WAN |
|  | Provisioning and management considerations            |
|  | SD-WAN security considerations                        |
| Upon successful completion of this course, learners are able to: | 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            |
|  | Platforms & Editions                   |
| Module 1: Citrix SD-WAN Introduction and Overview          | Initial Configuration                  |
|  | Deployment Mode Options                |
|  | Multi-Region Deployment                |
|  | Interface Groups                       |
|  | Virtual IP Addresses                   |
|  | WAN Links                              |
|  | Change Management                      |
|  | Upgrading Deployments                  |
| Module 2: Citrix SD-WAN Deployment Modes and Configuration | Zero Touch Deployment Options          |
|  | Appliance Architecture                 |
|  | SD-WAN Management Architecture Options |
|  | Packet Processing and Architecture     |
| Module 3: Citrix SD-WAN Provisioning and Change Management | 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.](#)