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## CNS-231 Deploy and Manage Citrix SD-WAN 11.x

### Overview

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In this three-day course, you will learn how Citrix SD-WAN can simplify branch networking for your organization. You'll walk away understanding how to configure and manage SD-WAN, including the SD-WAN architecture, deployment options, provisioning, and how to use Citrix SD-WAN Orchestrator in your environment. Additional topics include: branch office deployment, SD-WAN monitoring, reporting, and diagnostics.

### Prerequisite Comments

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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

### Target Audience

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

### Course Objectives

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Initial configuration and management of Citrix SD-WAN  
Deployment options available  
Citrix SD-WAN Orchestrator utilities and considerations  
Citrix SD-WAN administration, including monitoring and reporting

### Course Outline

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#### 1 - Citrix SD-WAN Overview

Citrix SD-WAN Use Cases  
Citrix SD-WAN Technical Overview  
Citrix SD-WAN Management

#### 2 - Citrix SD-WAN Architecture

Citrix SD-WAN Architecture  
Citrix SD-WAN Hardware Bypass  
Citrix SD-WAN Packet Processing

### **3 - Citrix SD-WAN Deployment**

Citrix SD-WAN Deployment Modes  
Citrix SD-WAN Branch Office Deployment  
Citrix SD-WAN Deployment Considerations

### **4 - Citrix SD-WAN Configuration**

Citrix SD-WAN Configuration Process  
Citrix SD-WAN Provisioning

### **5 - Citrix SD-WAN Orchestrator**

Citrix SD-WAN Orchestrator Overview  
Citrix SD-WAN Orchestrator Customer Onboarding  
Citrix SD-WAN Orchestrator Configuration  
Citrix SD-WAN Orchestrator Reporting

### **6 - Citrix SD-WAN Administration**

Citrix SD-WAN Administrative Tasks  
Citrix SD-WAN Monitoring  
Citrix SD-WAN Reporting  
Citrix SD-WAN Diagnostics

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