

## **Implementing Cisco Virtual Wide Area Application Services (VWAAS) - On Demand**

**Modality: Self-Paced Learning**

**Duration: 40 Hours**

**CLC: 10 Units**

### **About this course:**

Improve your comprehension of Cisco advancements and items with e-learning offerings from Cisco and Cisco's approved learning accomplices. The courses of e-learning aim around an assortment of Cisco advances to set you up for Cisco confirmation tests and to pick up Cisco item information. The e-learning is made to be intelligent and connecting with students who lean toward self-study. Study about how to configure, deploy, maintain, operate, and support a solution utilizing VWAAS - Cisco Virtual Wide-Area Application Services that offers optimization for the performance for the data of application over WAN.

Some Cisco Self-paced courses give access to hands-on virtual lab works out, allowing you the chance to rehearse design and investigating on genuine Cisco stages.

### **Course Objective:**

- Introducing Cisco WAAS
- Configuring acceleration of applications in Cisco VWAAS
- Cisco AppNav Configuration
- Designing Traffic Interception for Cisco VWAAS
- Organizing Cisco VWAAS with Akamai Connect
- Handling Cisco VWAAS Devices using AAA and RBAC
- Monitoring Cisco VWAAS
- Troubleshooting Cisco VWAAS
- Cisco VWAAS on Virtual Private Clouds (VPC)
- Setup a VWAAS Instance
- Navigate the vCM GUI and VWAAS
- Design Device Locations and Device Groups
- Configure Network Settings
- Verify and enable Cisco VWAAS Optimization
- Organize General Optimization Settings
- Configure Cisco VWAAS Traffic Acceleration
- Monitor and configure Cisco VWAAS AppNav Cluster
- Configure PBR Traffic Interception
- Configure WCCP Traffic Interception
- Enable Activating Licensing and Akamai Connect
- Enable Akamai Proxy, Caching, and Prepositioning
- Monitor and configure Cache Optimizations with Akamai Connect
- Design AAA for Cisco VWAAS

- Manage RBAC in Cisco VWAAS
- Work with Charts, Dashboard, and Tables
- Working with Reports
- Use Alerts, Alarms, and Logs
- Work with Troubleshooting Tools and Diagnostic Tests
- Deploy and Provision a VWAAS Instance in Azure

## **Audience:**

Everyone who is interested in Cisco Virtual Wide-Area Application Services

## **Prerequisite:**

No prerequisites for this course

## **Course Outline:**

- **Module 1: Introducing Cisco WAAS**
- **Module 2: Configuring Applications Acceleration in Cisco VWAAS**
- **Module 3: Configuring Cisco AppNav**
- **Module 4: Configuring Traffic Interception for Cisco VWAAS**
- **Module 5: Configuring Cisco VWAAS with Akamai Connect**
- **Module 6: Managing Cisco VWAAS Devices using AAA and RBAC**
- **Module 7: Monitoring Cisco VWAAS**
- **Module 8: Troubleshooting Cisco VWAAS**
- **Module 9: Cisco VWAAS on Virtual Private Clouds (VPC)**

## **On-Demand Labs**

- Discovery 1: Setup a VWAAS Instance
- Discovery 2: Navigate VWAAS and the vCM GUI
- Discovery 3: Configure Device Groups and Device Locations
- Discovery 4: Configure Network Settings
- Discovery 5: Enable and Verify Cisco VWAAS Optimization
- Discovery 6: Configure General Optimization Settings
- Discovery 7: Configure Cisco VWAAS Traffic Acceleration
- Discovery 8: Configure and Monitor Cisco VWAAS AppNav Cluster
- Discovery 9: Configure PBR Traffic Interception
- Discovery 10: Configure WCCP Traffic Interception
- Discovery 11: Enable Akamai Connect and Activating Licensing
- Discovery 12: Enable Akamai Caching, Proxy, and Prepositioning
- Discovery 13: Configure and Monitor Cache Optimizations with Akamai Connect
- Discovery 14: Configure AAA for Cisco VWAAS
- Discovery 15: Configure RBAC in Cisco VWAAS
- Discovery 16: Work with Dashboard, Charts and Tables
- Discovery 17: Working with Reports

- Discovery 18: Use Alarms, Alerts, and Logs
- Discovery 19: Work with Diagnostic Tests and Troubleshooting Tools
- Discovery 20: Provision and Deploy a VWAAS Instance in Azure