

## COURSE OVERVIEW:

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In this Cisco training course from NterOne, students will learn how to install and configure the Virtual Environment associated with the Cisco APPNAV and Cisco WAAS products. Students will also learn how to implement, integrate, and manage Cisco WAAS, Cisco APPNAV, and design a Cisco WAAS solution. Implement each of the Cisco WAAS application optimizers for maximum performance. Troubleshoot a Cisco WAAS solution via Policy Routing Akamai Connect.

## WHO SHOULD ATTEND:

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- Network Engineers
- Network Designers
- System Engineers

## PREREQUISITES:

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- Interconnecting Cisco Network Devices Part 1 (ICND1)

## COURSE OBJECTIVES:

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Upon completing this course, the learner will be able to meet these overall objectives:

- Describe business value of WAN optimization and application acceleration technologies
- Perform the basic configuration steps that are required for a Cisco WAAS deployment
- Implement, integrate, and manage Cisco WAAS
- Configure advanced features of Cisco WAAS
- Design a Cisco WAAS solution
- Implement each of the Cisco WAAS application optimizers for maximum performance
- Troubleshoot a Cisco WAAS solution



## COURSE OUTLINE:

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### **Module 1: Cisco Wide-Area Application Services**

- Introducing Cisco WAAS

### **Module 2: Cisco WAAS Installation**

- Installing and Configuring the Virtual Environment
- Installing and Configuring Cisco VWAAS

### **Module 3: Implementation, Integration, and Management**

- Implementing Cisco Central Management
- Configuring Application Traffic Policies
- Configuring Cisco VWAAS Virtualization

### **Module 4: Cisco APPNAV APPNAV**

- Implementing Cisco Central Management
- Installing APPNAV Controllers APPNAV-XE
- Monitoring the APPNAV Controller APPNAV
- Troubleshooting -XE
- APPNAV Troubleshooting

### **Module 5: Cisco WAAS Configuration**

- Introducing Cisco WASS Traffic
- Interception Performance Routing

### **Module 6: Cisco WAAS Design**

- Planning a Cisco WASS Network Design
- Planning and Executing a Cisco WAAS Site Survey

## Module 7: Cisco WAAS Application Optimizers

- Configuring CIFS Optimization
- Configuring TFO Optimization
- Configuring MAPI Optimization
- Configuring HTTP Optimization
- Configuring SSL and Optimization
- Configuring Cisco WAAS Windows Network Printing
- Configuring Streaming Video Optimization
- Configuring MS-port-mapper Optimization
- Configuring ICA Optimization Configuring NFS Optimization
- Configuring Video Optimization

## Module 8: Cisco WAAS Troubleshooting

- Reporting Troubleshooting
- Introducing Troubleshooting Network Interception
- Troubleshooting WAN Optimization Files For TAC Troubleshooting

## Module 9: Policy Routing

- Performance Routing

## Module 10: Akamai Connect

- Akamai Connect Overview LABS
- Installing and Configuring Cisco VWASS
- Installing and Configuring Cisco ISR-WAAS
- Configuring Cisco APPNAV
- Configure WAAS Central Manager
- Configure WCCP
- Configure and Optimize - Application Optimizers
- Configure Performance Routing
- Troubleshoot Cisco ISR-WAAS and VWAAS