

VWAAS (IMPLEMENTING CISCO VIRTUAL WIDE AREA APPLICATION SERVICES (VWAAS) V1.0) 1.0

Objetivo

Describe the benefits and values of WAN application data optimization and acceleration services provided by Cisco vWAAS Describe the Cisco vWAAS implementation options in enterprise data center offices, branch offices, and virtual private cloud networks Understand how to manage Cisco vWAAS using the vWAAS Central Manager GUI and command-line interface Configure, manage, monitor, and troubleshoot Cisco vWAAS solutions Understand Cisco AppNav® and configure the Cisco vWAAS AppNav cluster Configure vWAAS for using Akamai Connect features and Akamai Connect servers on content

Público Alvo

Data center engineers Cloud engineers Cloud computing engineers Network virtualization services engineers

Pré-Requisitos

Although not required, you will get the most out of this course if you have the following background: Cisco CCNA® Routing and Switching or equivalent knowledge Fundamental knowledge of server virtualization and hypervisors Fundamental knowledge of cloud computing infrastructure Fundamental knowledge of WAN optimization Fundamental knowledge of network protocols and applications, including HTTP, HTTPS, SSL, Server Message Block (SMB), Network File System (NFS), Messaging API (MAPI), and Virtual Desktop Infrastructure (VDI)

Carga Horária

40 horas (5 dias).

Conteúdo Programático

Introducing Cisco WAAS

Configuring Application Acceleration in Cisco vWAAS

Configuring Cisco AppNav

Configuring Traffic Interception for Cisco vWAAS

Configuring Cisco vWAAS with Akamai Connect

Managing Cisco vWAAS Devices Using AAA and RBAC

Monitoring Cisco vWAAS

Troubleshooting Cisco vWAAS

Cisco vWAAS on Virtual Private Clouds (VPC)

Lab outline

- Cisco vCM Product Installation and Setup
- Deploy and Set Up a vWAAS Instance
- Perform Initial Setup of WAAS Express
- Navigate vWAAS and the vCM GUI
- Configure Device Groups and Device Locations
- Configure Network Settings
- Enable and Verify Cisco vWAAS Optimization
- Configure General Optimization Settings
- Configure Cisco vWAAS Traffic Acceleration
- Configure and Monitor Cisco vWAAS AppNav Cluster
- Configure PBR Traffic Interception
- Configure WCCP Traffic Interception
- Enable Akamai Caching, Proxy, and Prepositioning
- Configure and Monitor Cache Optimizations with Akamai Connect
- Configure AAA for Cisco vWAAS
- Configure RBAC in Cisco vWAAS
- Work with Dashboard, Charts, and Tables
- Work with Reports
- Use Alarms, Alerts, and Logs
- Work with Diagnostic Tests and Troubleshooting Tools
- Provision and Deploy a vWAAS Instance in Azure