ENNA

Designing and Implementing Enterprise Network Assurance

32 horas | Profissional | Cisco

Cisco Continuing Education Credits

32 CE Credits

INTRODUÇÃO

The Designing and Implementing Enterprise Network Assurance (ENNA) training expands your knowledge in enterprise network assurance and management, covering Cisco ThousandEyes, Catalyst Center Assurance, Splunk AppDynamics, and Meraki Insight.

OBJETIVO DO CURSO

Describe enterprise network assurance

Describe how to monitor health and performance with Cisco Catalyst Center Assurance

Introduce Cisco AppDynamics, Cisco Catalyst SD-WAN Assurance, and Cisco ThousandEyes

Describe Enterprise Agent deployment options and procedures

Describe different ThousandEyes test types

Compare ThousandEyes web layer tests

Describe, deploy, and configure an Endpoint Agent

Describe how to perform system administration

Utilize ThousandEyes for root cause analysis

Describe Internet Insights

Explain alerts and dashboards configuration

Explain monitoring solutions

Describe Cisco Meraki Network Assurance

Showcase Cisco Meraki Insights

PÚBLICO-ALVO

Network Administrators, System Engineers, Network Analysts, NOC Operators, IT Professionals

PRÉ-REQUISITOS

No formal prerequisites. Recommended: basic networking fundamentals, ICMP/UDP/TCP/HTTPS/DNS knowledge, Cisco Catalyst SD-WAN and Meraki familiarity.

CONTEÚDO PROGRAMÁTICO

Course Outline

Enterprise Network Assurance Overview

Introduction to Cisco Catalyst Center Assurance

Introduction to Splunk AppDynamics

Introduction to Cisco Catalyst SD-WAN Assurance

Introduction to Cisco ThousandEyes

Enterprise Agents Deployment

BGP, Network, DNS, and Voice Tests Configuration

Web Layer Tests Configuration

Endpoint Agent

System Administration

Network Troubleshooting with Cisco ThousandEyes

Internet Insights

Alerts and Dashboards Configuration

Monitoring Solutions

Cisco Meraki Network Assurance

Cisco Meraki Insight

Lab Outline

Troubleshoot Network Device Health

Explore Cisco Catalyst SD-WAN Analytics

Schedule a Test

Deploy Enterprise Agent

Configure Network, DNS, and Voice Tests

Configure Web Server Tests

Configure Transaction Tests

Deploy and Configure an Endpoint Agent

Configure Account Administration

Utilize Device Layers

Examine Internet Insights

Configure Alerts

Build a Dashboard

Implementing Network Assurance with Cisco Meraki

Examine Cisco Meraki Insight