

**ENNA****Designing and Implementing Enterprise Network Assurance**

32 horas

Professional

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

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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

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

## PRÉ-REQUISITOS

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

## 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