

ENTEIT**Implementing and Troubleshooting Networks using Cisco ThousandEyes**

24 horas

Enterprise Network

Cisco

Cisco Continuing Education Credits

24 CE Credits**INTRODUÇÃO**

The Implementing and Troubleshooting Networks Using Cisco ThousandEyes (ENTEIT) v1.0 course is designed to introduce you to and familiarize you with Cisco® ThousandEyes.

Through a combination of lectures and hands-on experience, you will learn to implement and configure the Cisco ThousandEyes solution. You will also learn to install and configure the Cisco ThousandEyes agents with different test types. This solution will also enable you to perform root cause analysis when troubleshooting.

This course will help you:

- Describe and define Cisco ThousandEyes;
- Integrate, implement, and deploy Cisco ThousandEyes solutions;
- Configure Cisco ThousandEyes agents;
- Perform root cause analysis when troubleshooting;
- Customize dashboard and reports;
- Monitor solutions;
- Administer the system.

OBJETIVO DO CURSO

After taking this course, you should be able to:

- Describe the Cisco ThousandEyes solution and its high-level use cases;
- Identify different types of ThousandEyes agents and supported tests;
- Describe different Enterprise Agent deployment options, requirements, and procedures for agent deployment;
- Describe different ThousandEyes test types;
- Compare Thousand Eyes web layer tests;
- Describe the role of an Endpoint Agent;
- Deploy and Configure an Endpoint Agent;
- Utilize ThousandEyes when performing the root cause analysis;
- Discuss the challenges that ThousandEyes Internet Insights can address;
- Describe the role and configuration of default and custom alerts;
- Distinguish between usability of dashboards and reports;
- Utilize ThousandEyes to monitor solutions end-to-end;
- Describe how to perform system administration.

PÚBLICO-ALVO

This course is intended for:

- Network administrators
- Network engineers
- Network managers
- System engineers

PRÉ-REQUISITOS

Before taking this course, you should have a:

- Basic understanding of network fundamentals
- Basic understanding of Internet Control Message Protocol (ICMP), User Datagram Protocol (UDP), Transmission Control Protocol (TCP), HTTP, SSL, and DNS protocol

CONTEÚDO PROGRAMÁTICO

Introducing Cisco ThousandEyes

Introducing Cisco ThousandEyes Agents and Tests

Deploying Enterprise Agents

Describing ThousandEyes Routing, Network DNS, and Voice Tests

Describing Cisco ThousandEyes Web Tests

Introducing Endpoint Agents

Deploying Endpoint Agents

Troubleshooting with Cisco ThousandEyes

Using Internet Insights

Configuring Alerts

Customizing Dashboards and Reports

Monitoring Solutions

Administrating the System

Lab outline

Schedule a Test

Deploy Enterprise Agent

Configure Network, DNS, and Voice Tests

Configure Web Tests

Deploy and Configure an Endpoint Agent

Examine Internet Insights

Configure Alerts

Build a Dashboard and Report

Account Administration