

ENTEIT (IMPLEMENTING AND TROUBLESHOOTING NETWORKS USING CISCO THOUSANDEYES) 1.0

Objetivo

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

Carga Horária

24 horas (3 dias).

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