

# Implementing and Troubleshooting Networks Using Cisco ThousandEyes (ENTEIT)

**Price:** 2800

**Duration:**

**Delivery Methods:** Virtual

## Overview

This training 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.

## How You'll Benefit

This training 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

## Who Should Enroll

This training is intended for:

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

## **Path Objectives**

After taking this training, 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

## **Learning Path Prerequisites**

Before enrolling in this training, you should have:

- 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

The following Cisco course may help you meet these prerequisites:

- Implementing and Administering Cisco Solutions (CCNA)

## **Learning Path Outline**

- 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

## **Course Schedule**

Date	Time	Price	Options
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**FAQ**

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### **How do I enroll for this class?**

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### **What is your late policy?**

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

### **What happens when I finish my class?**

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