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Implementing and Troubleshooting Networks using Cisco ThousandEyes (ENTEIT) V1.0

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Implementing and Troubleshooting Networks using Cisco ThousandEyes (ENTEIT) V1.0

Course Duration

3 Days

Course Price

$2,795.00
28 CLCs

Methods of Delivery

In-Person ILT
Virtual ILT
Onsite ILT

About this Class

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.

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How you will benefit

This class 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

Why Attend with Current Technologies CLC

- Our Instructors are the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend

The job roles best suited to the material in this course are:

- Network Administrators
- Network Engineers
- Network Managers
- System Engineers

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Objectives

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

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Course Outline

Module 1: Introducing Cisco ThousandEyes

Module 2: Introducing Cisco ThousandEyes Agents and Tests

Module 3: Deploying Enterprise Agents

Module 4: Describing ThousandEyes Routing, Network DNS, and Voice Tests

Module 5: Describing Cisco ThousandEyes Web Tests

Module 6: Introducing Endpoint Agents

Module 7: Deploying Endpoint Agents

Module 8: Troubleshooting with Cisco ThousandEyes

Module 9: Using Internet Insights

Module 10: Configuring Alerts
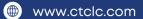
Module 11: Customizing Dashboards and Reports

Module 12: Monitoring Solutions

Module 13: Administrating the System

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Lab Outline

- **Lab 1:** Schedule a Test

- **Lab 2:** Deploy Enterprise Agent

- **Lab 3:** Configure Network, DNS, and Voice Tests

- **Lab 4:** Configure Web Tests

- **Lab 5:** Deploy and Configure an Endpoint Agent

- **Lab 6:** Examine Internet Insights

- **Lab 7:** Configure Alerts

- **Lab 8:** Build a Dashboard and Report

- **Lab 9:** Account Administration

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