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## Implementing and Troubleshooting Networks Using Cisco ThousandEyes (ENTEIT) V1.1

***WHERE GREAT TRAINING  
HAPPENS EVERYDAY!***

## Implementing and Troubleshooting Networks Using Cisco ThousandEyes (ENTEIT) V1.1

### 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) training is designed to introduce you to and get you familiar with Cisco ThousandEyes. The focus of this training is implementation and configuration of the Cisco ThousandEyes solution. This training provides hands-on experience with installing and configuring Cisco ThousandEyes agents with different test types. This solution is also used to perform root cause analysis when troubleshooting. This training also earns you 24 Continuing Education (CE) credits toward recertification.



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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
- Earn 24 CE credits toward recertification

### 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:

- Introduce Cisco ThousandEyes
- Describe different Enterprise Agent deployment options, requirements, and procedures for agent deployment
- 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 when performing the root cause analysis
- Describe Internet Insights
- Explain alerts and dashboards configuration
- Explain monitoring solutions

### Prerequisites

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- 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

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### Course Outline

- Module 1: Introducing Cisco ThousandEyes
- Module 2: Enterprise Agents Deployment
- Module 3: BGP, Network, DNS, and Voice Tests Configuration
- Module 4: Web Layer Tests Configuration
- Module 5: Endpoint Agent
- Module 6: System Administration
- Module 7: Network Troubleshooting with Cisco ThousandEyes
- Module 8: Internet Insights
- Module 9: Alerts and Dashboards Configuration
- Module 10: Monitoring Solutions

## Implementing and Troubleshooting Networks Using Cisco ThousandEyes (ENTEIT) V1.1

### Lab Outline

- Lab 1: Schedule a Test
- Lab 2: Deploy Enterprise Agent
- Lab 3: Configure Network, DNS, and Voice Tests
- Lab 4: Configure Web Server Tests
- Lab 5: Configure Transaction Tests
- Lab 6: Deploy and Configure an Endpoint Agent
- Lab 7: Configure Account Administration
- Lab 8: Utilize Device Layers
- Lab 9: Examine Internet Insights
- Lab 10: Configure Alerts
- Lab 11: Build a Dashboard and Report