

# **Implementing and Troubleshooting Networks Using Cisco ThousandEyes (ENTEIT) 1.1**

**Duration: 24 HRS**

## **Description**

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.

## **Prerequisite**

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

These skills can be found in the following Cisco Learning Offering:

- [Implementing and Administering Cisco Solutions \(CCNA\)](#)

## **Outline**

- Introducing Cisco ThousandEyes
- Enterprise Agents Deployment
- BGP, Network, DNS, and Voice Tests Configuration
- Web Layer Tests Configuration
- Endpoint Agent
- System Administration
- Network Troubleshooting with Cisco ThousandEyes
- Internet Insights
- Alerts and Dashboards Configuration
- Monitoring Solutions

## **Lab Outline**

- Schedule a Test
- Deploy Enterprise Agent
- Configure Network, DNS, and Voice Tests
- Configure Web Server Tests
- Configure Transaction Tests
- Deploy and Configure an Endpoint Agent
- Configure Account Administration
- Utilize Device Layers
- Examine Internet Insights
- Configure Alerts
- Build a Dashboard and Report

### **Who Should Attend**

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