

Design, Configure and Manage Networks using Thousand Eyes (DCMN-TE)

ID DCMN-TE Price on request Duration 3 days

Course Overview

Cisco ThousandEyes is a security platform that provides real-time visibility into the activities of users, devices, and networks. It provides the ability to detect and respond to threats quickly and efficiently. This solution helps to perform root cause investigation when troubleshooting the network issue.

During this 3-day training, you will learn how to design the Cisco ThousandEyes solution for an enterprise network. You will learn to install, configure and manage the Cisco ThousandEyes agents with diverse test types.

Who should attend

- Network Administrators
- Network Engineers
- Solution Architects
- Sales Engineers
- System Engineers
- Anyone who wants to learn about real-time security visibility platform

Prerequisites

Before taking this course, it is good to have exposure to the following:

- Network fundamentals
- Network Security fundamentals
- Endpoint agents

Course Objectives

With a mix of hands-on labs and interactive theory sessions, you will learn to:

- Configure Cisco ThousandEyes agents to work with your organization's network

- Manage network better by integrating, implementing and operating ThousandEyes solution
- Observe the overall network with ThousandEyes Monitoring tools and better administration of the system
- Identify root cause analysis for a network issue when troubleshooting
- Create personalized dashboards and reports

Detailed Course Outline

- Understanding digital experience challenges
- Introduction to Cisco ThousandEyes
- Understanding ThousandEyes Monitoring
- Explain Evidence and Escalate model
- Inside-out and Outside-In Use cases
- Understanding the solution components of ThousandEyes
- Types of Cisco ThousandEyes agents
 - Cloud Agent
 - Enterprise Agent
 - End Point Agent
- Understanding Enterprise Agent
 - Requirements
 - Deployment options
 - Steps to follow for agent deployment
- Understanding ThousandEyes test types
- Describe different test types
 - Layer 3 Tests
 - Web Layer Tests
 - Voice Layer Tests
 - DNS Tests
- Understanding how TEST nesting works
- Describe End Point Agent Tests
- Understand the in-built ThousandEyes Dashboards
- Building Customized Dashboards
- Understanding the default reports
- Building the custom reports
- Understanding Alerts
- Generating and Sharing of TEST Data
- Describe Cisco ThousandEyes Snapshot feature
- Describe Cisco ThousandEyes API
- ThousandEyes Account Administration

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