

HPE TeMIP Fundamentals training

HPE CMS Education Center



Course overview

- Delivery: Instructor-led
- Date: On request
- Length: Five days
- Location: HPE premises preferred or customer location
- Level: Beginner and intermediate
- Delivery language: English
- Next steps : TeMIP administration and development

Course description

In this course, Hewlett Packard Enterprise (HPE) Telecommunications Management Information Platform (TeMIP) Fundamentals, you will learn all the integration methods available to extend platform capabilities and describe off-the-shelf features of TeMIP. Half the time of this five-day course is dedicated to you gaining practical experience through hands-on labs. The labs use a TeMIP demonstration system with the TeMIP Client.

Audience

Training is designed for:

- TeMIP clients, such as telecom operators, any profile
- TeMIP partners, such as integrators or network equipment providers (NEPs)
- Software engineers involved in pre-sales and system integrators developing projects on top of TeMIP
- Engineers who deliver post-sales activities and first-line support to the TeMIP installed base
- Consultants and architects who deliver network management consultancy or are involved in projects with technology transfer requirements

Training agenda

Day 1

- Architecture overview; TeMIP overview
- Lab sessions: TeMIP Client use; creating and deleting TeMIP entities

Day 2

- Fault and trouble management
- Lab sessions: Open Systems Interconnection (OSI) events; Alarm-handling functionalities; Discriminator construct library; Scheduling package; Alarm Dashboard View

Day 3

- TeMIP architecture
- TeMIP state management
- TeMIP outage management
- Labs sessions: Dictionary and dispatch table; Framework Command Line (FCL) Presentation Module (PM) practice; TeMIP event flow; Outage management

Day 4

- Fault
- TeMIP distribution principles
- TeMIP filtering, correlation, and automated actions
- Lab sessions: Low-level filtering; Launched applications

Day 5

- TeMIP toolkits overview
- TeMIP as an overall solution
- TeMIP training curriculum
- Wrap-up



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Learning objectives

After completing this course, you will be able to:

- Understand product concepts and architecture
- Use the TeMIP client interface
- Manage alarms using TeMIP fault management functions
- Understand the internal process of TeMIP distribution and self-management, and how to benefit from TeMIP distribution
- Understand the TeMIP object-oriented architecture
- Know how to interface with network elements using TeMIP
- Know the various TeMIP integration methods that enable positioning TeMIP as a solution builder

Overview

Mandatory course prerequisites

No previous courses are needed; however, some skills on telecommunications management are required. Networks (TMN) and object-oriented concepts are recommended.

Detailed course outline

- TeMIP platform features overview—Architecture overview, main management modules overview, TeMIP user interface practice
- Fault and trouble management features—Alarm handling, event logging, trouble ticketing function, features practice
- State and outage management features—State and outage management, features practice
- Architecture principles—Layered functions, data management, TeMIP Object Request Broker (ORB), domain concept, TeMIP client architecture, event management, features practice
- Filtering, correlation, and automated actions principles—Low-, high-, and top-level filtering; TeMIP expert; alarms function model, features practice
- TeMIP distribution principles—Director self-management, application distribution, TeMIP configuration deployment
- TeMIP Solution Builder: Toolkits overview—Loosely coupled integration methods, visual TeMIP toolkit, Internet SNMP toolkit, Graphical ASCII toolkit (GAT), OSI toolkit, CORBA connectivity and agent
- TeMIP, the overall solution—Training curriculum, TeMIP solution components, contacts, wrap-up

For more information

For details on course contents, fee, and availability, please send an email to Sophia-temip-training@hpe.com.