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CISCO

MENPI v4.1 Certification Training

BONUS! Cyber Phoenix Subscription Included: All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

Course Overview

Our 5 day, instructor -led, MENPI v4.1 (Managing Enterprise Networks with Cisco Prime Infrastructure v4.1) training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online is a lab-based and hands-on. The overall goal of the course is to enable you to manage an enterprise wired and wireless network with Cisco® routers, switches, wireless controllers, and access points using the Cisco Prime® Infrastructure solution. In this course, you will learn how to manage your network with Cisco Prime Infrastructure by adding devices, managing inventory, creating reports, creating wired and wireless device maps, monitoring the network, managing device configurations, managing device compliance, and performing system administration tasks. Upon completion of this course, you should be able to:

- Navigate the GUI and access the CLI for Cisco Prime Infrastructure
- Add to and manage devices in the Cisco Prime Infrastructure inventory
- Create network maps for wired, wireless, and data center devices
- Create and manage virtual domains and users
- Manage device configurations
- Manage device compliance
- Describe several of the services and options offered by Cisco Prime Infrastructure
- Monitor the network using dashboards, maps, and reports
- Perform system administrative tasks, including monitoring the health of the system and network and performing server backups

Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 301-258-8200.



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301-258-8200 | Sales@PhoenixTS.com | www.PhoenixTS.com

Program Level

Advanced

Training Delivery Methods

Group Live

Duration

5 Days / 32 hours Training

CPE credits

26 NASBA CPE Credits

Field of Study

Information Technology

Advanced Prep

N/A

Course Registration

Candidates can choose to register for the course by via any of the below methods:

- Email: Sales@phoenixts.com
- Phone: 301-582-8200
- Website: www.phoenixts.com

Upon registration completion candidates are sent an automated course registration email that includes attachments with specific information on the class and location as well as pre-course study and test preparation material approved by the course vendor. The text of the email contains a registration confirmation as well as the location, date, time and contact person of the class. Online enrolment closes three days before course start date. On the first day of class, candidates are provided with instructions to register with the exam provider before the exam date.



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Course Outline

Module 1: Cisco Prime Infrastructure Overview

- Introducing Cisco Prime Infrastructure
- Getting Started with Cisco Prime Infrastructure
- Configuring Initial Server Settings
- Introducing Cisco Prime Infrastructure Licenses

Module 2: Inventory Management and Reporting

- Overall Process for Adding Devices to Inventory
- Generating Reports
- Managing the Network Inventory
- Managing Groups
- Managing Network Device Software Images

Module 3: Network Mapping

- Managing Network Topology Maps
- Managing Wireless Maps

Module 4: Role-Based Access Control

- Managing Virtual Domains
- Managing User Authentication and Authorization
- Managing Remote AAA Mode Settings

Module 5: Configuration Management

- Managing the Configuration Archive
- Managing Configurations for Wired Devices
- Managing Configurations for Wireless Devices
- Configuring Plug and Play

Module 6: Compliance Management

- Performing Configuration Audits Using Compliance
- Running Reports to View Device Security Vulnerabilities

Module 7: Services Management

- Introducing Services
- Introducing AVC Services
- Introducing Network Services and Router Virtual Containers

Module 8: Network Monitoring

- Exploring Monitoring Tools
- Monitoring Wired Devices and Data Centers
- Monitoring the Wireless Network
- Monitoring Applications
- Monitoring Clients

Module 9: System Administration

- Monitoring System Health
- Monitoring Network Health
- Monitoring KPIs
- Managing the Server
- Introducing Operations Center for Large Deployments

Labs outline

- Lab 1: Access Cisco Prime Infrastructure



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- Lab 2: Configure System Settings
- Lab 3: Credential Profiles
- Lab 4: Manually Add and Import Devices
- Lab 5: Add Devices with Quick Discoveries
- Lab 6: Generate Reports
- Lab 7: Manage the Network Inventory
- Lab 8: Manage Groups
- Lab 9: Manage Device Software Images
- Lab 10: Manage Network Topology Maps
- Lab 11: Manage Wireless Maps
- Lab 12: Create a Virtual Domain
- Lab 13: Add a User
- Lab 14: Add an ISE Server
- Lab 15: Manage the Configuration Archive
- Lab 16: View Wired Device Templates
- Lab 17: Create and Deploy Wired Device Templates
- Lab 18: Manage Wireless Device Configurations
- Lab 19: Plug and Play Configuration
- Lab 20: Manage Compliance Features
- Lab 21: Manage AVC and QoS
- Lab 22: Monitor Devices and Interfaces
- Lab 23: Monitor the Wireless Network
- Lab 24: Track Applications
- Lab 25: Track Clients
- Lab 26: Configure Operations Center

Prerequisites

This course has no prerequisites, but we recommend the following knowledge and skills:

- Knowledge of networks and networking terminology (Cisco CCNA® Routing and Switching qualifications or equivalent)
- Knowledge of wireless networks and wireless networking terminology (Cisco CCNA® Wireless qualifications or equivalent)
- Previous training in, or experience with, network administration, management, and troubleshooting

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Starting at **\$3,750**

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301-258-8200 – Option 2.

GSA



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