

## Cisco Prime Carrier Management Training

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### Suite E-Learning Overview

Cisco Prime™ for IP Next-Generation Networks (IP NGN) drastically simplifies the design, provisioning, and management of carrier-grade networks. This comprehensive solution centralizes and automates service design, fulfillment, assurance, and performance analysis to help you lower costs while meeting high customer expectations.

This self-paced e-learning course will provide students with an overview of the Cisco Prime for IP NGN Suite and demonstrate procedures for installation, system administration, and fault management. Students will also learn how to manage users and control access to the Cisco Prime for IP NGN Suite, view sample use cases in which Cisco Prime Provisioning is used to create, verify, and analyze network services, and learn the basics of using northbound interfaces (NBIs) to provide inventory information.

#### Duration

Approximately 4 hours and 20 minutes of e-learning

#### Course Objectives

Upon completion of this course, you should be able to:

- Describe the market dynamics and business challenges the Cisco Prime for IP NGN Suite is designed to address
- List the five components of the Cisco Prime for IP NGN Suite and describe the purpose of each
- Install and configure Cisco Prime Central
- Add and manage users, privileges, roles, and user groups in Cisco Prime Central
- Use Cisco Prime Central to discover, isolate, and resolve various types of faults in IP and optical service provider networks
- Understand different authentication and authorization options available in the Cisco Prime for IP NGN Suite
- List and describe service provider use cases for the Cisco Prime for IP NGN Suite
- Describe the purpose of a northbound interface and configure both alarm NBIs and inventory NBIs

## Cisco Prime Network E-Learning Overview

Cisco Prime Network provides service providers and other network operators with a comprehensive assurance and device management solution for IP next-generation networks. The Cisco Prime Network e-learning series is aimed at instructing administrators on the installation and initial system configuration of a Cisco Prime Network deployment and to instruct network operators and other users on the use of Cisco Prime Network.

### Duration

Approximately 4 hours of e-learning

### Course Objectives

Upon completion of this course, you should be able to:

- Describe Cisco Prime Network architecture and its role within Cisco Prime IP NGN
- Install Cisco Prime Network
- Configure Cisco Prime Network servers, autonomous virtual machine (AVMs), and virtual network elements (VNEs)
- Perform ongoing management of the platform
- Visually manage the network, network elements, and network services using:
  - Network visualization (topology)
  - Element visualization (inventory)
  - Service visualization
  - Change and configuration management
  - Fault management
  - Reports
  - Administration

## Cisco Prime Provisioning E-Learning Overview

Cisco Prime Provisioning 6.2 E-Learning series outlines the varies training topics that cover overview, new features and functionalities, API/NBI integration, Multiprotocol Label Switching (MPLS) NVPs, MPLS-TP, TP tunnel policies, resource, service design and provisioning, and configurations.

### **Duration**

Approximately 4 hours of e-learning

### **Course Objectives**

Upon completion of this course, you should be able to:

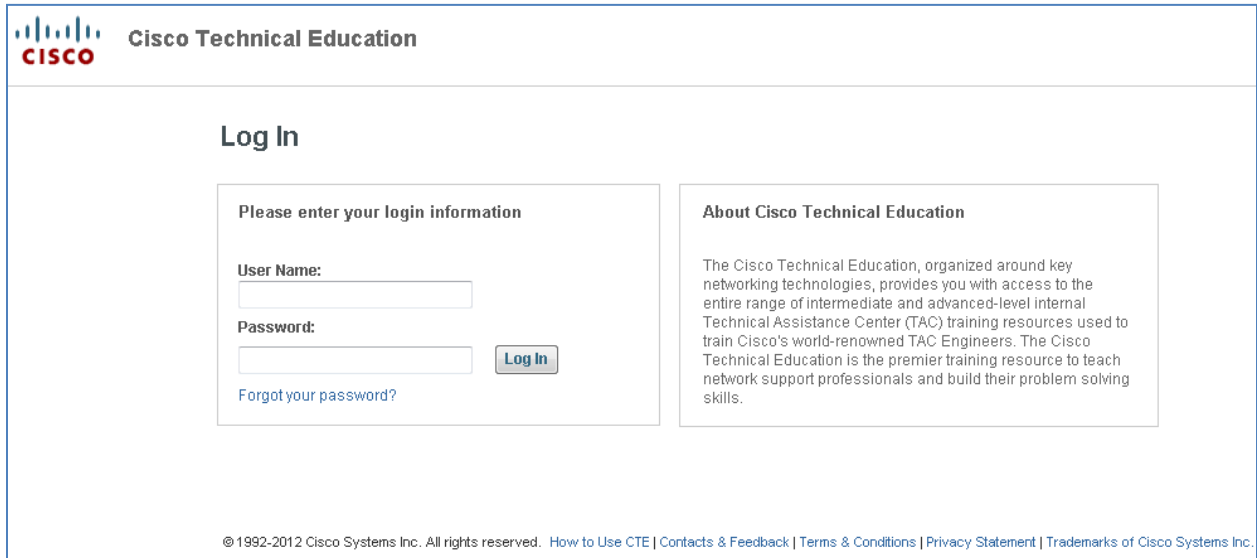
- Navigate the Cisco Prime Provisioning GUI
- Describe API/NBI integration with other Cisco Prime solutions
- Describe VPN service design using Cisco Prime Provisioning
- Deploy services quickly and reliably, by automating complex tasks and checking implementations.
- Perform administrative tasks and manage users, groups, and roles
- Configure server settings and Watchdog
- Manage MPLS transport profile services

## How to Access Cisco Technical Education E-Learning

**New User:** If you currently do not have a Cisco® Technical Education subscription, navigate to [www.cisco.com/go/cte](http://www.cisco.com/go/cte) to obtain additional access and [pricing](#) information. The Cisco Prime for IP Next Generation Network course is available through the [All Access](#) or [Service Provider](#) technology package. Once you've purchased your subscription, follow the existing user directions below to access the course.

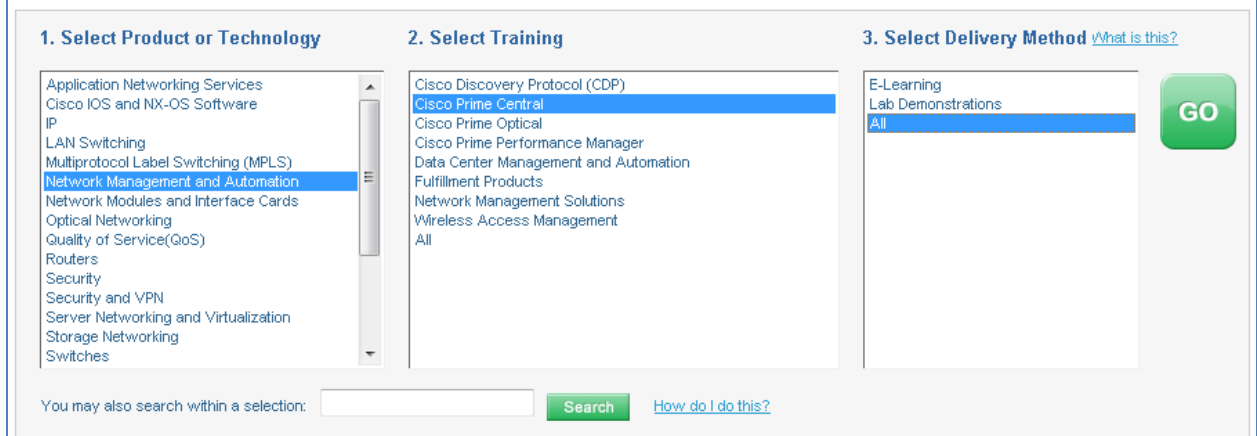
**Existing User:** If you have an existing subscription to All Access or the Service Provider technology package, follow the steps below to access the course.

1. Log on to Cisco Technical Education at <https://technicaleducation.cisco.com/>.



2. Follow the steps below to access the Cisco Prime for IP Next Generation Networks course.

Within the Cisco Technical Education, learners control the pace of learning with self-paced learning modules. Those modules are grouped into different categories. Use the windows below to focus on specific categories of training. You must make at least one selection in each window.



**More Information** - For additional information or questions, contact [cte-info@cisco.com](mailto:cte-info@cisco.com).