

PRNE

Programming for Network Engineers

Learn how you can manage a network more efficiently with Network Programmability and develop Python programming fundamental skills.

This course is designed to be of immediate value to Network Engineers looking to use Network Programming to simplify or automate their tasks. It covers the fundamentals of Python programming within the context of performing functions relevant to network engineers.

This Cisco self-paced course is designed with interactivity in mind — through hands-on labs, review questions, and summary challenges. This renders the learning experience more real-world and helps increase retention. Additionally, gamification features such as badges and leaderboard provide social visibility and motivation to perform better.

Course Objectives

Upon completing this course, students will be able to:

- Describe use cases and examples of the value of network programmability
- Acquire a full complement of Python programming skills — basics, data structures, control structures, comparison operators, input and output, structured programming, object-oriented programming, etc.
- Use Python to communicate to individual network devices, using examples of real networking communication and operations
- Use Python to communicate to multiple devices
- Use Object-Oriented Programming within Python to abstract network devices
- Use databases within a network-based application to store information about the network
- Use test methodologies to create quality applications
- Leverage software available via open source and existing libraries e.g. Cisco GitHub, Cisco DevNet, Python general-purpose and Cisco-specific libraries, NX-API

Course Prerequisites

The knowledge and skills that a learner must have before attending this course are as follows:

- Experience with network management (CCNA-level recommended)

Product Training Technology: Network Programmability

Associated Exam: None

Related Course: None

Dieser Kurs im Web



Alle tagesaktuellen Informationen und Möglichkeiten zur Bestellung finden Sie unter dem folgenden Link: www.experteach.de/go/PRNE

Ihr Kurs maßgeschneidert

Diesen Kurs können wir für Ihr Projekt exakt an Ihre Anforderungen anpassen.

Cisco Digital Learning

Diesen Kurs bieten wir auch als Cisco Digital Learning an. Diese multimodalen Schulungen beinhalten HD-Videos mit durchsuchbarem Text, Labs, Übungen und umfassende Kursunterlagen.

Stand 16.11.2018

Cisco Digital Learning Preise zzgl. MwSt.
365 Tage Freischaltung (Version 1.0) € 500,-



Unser Angebot für Sie



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