IT-ENAUI - Implementing Automation for Cisco Enterprise Solutions

Cisco - CCNP Enterprise - Networking

Durata:	Lingue:	Certificazione:
3 Giorni	**Italiano**	**Cisco Certified Network Professional Enterprise**

Descrizione del corso

The Implementing Automation for Cisco Enterprise Solutions (ENAUI) v1.1 course teaches you how to integrate programmability and automation in the Cisco®-powered Enterprise Campus and Wide Area Network (WAN) using programming concepts, orchestration, telemetry, and automation tools to create more efficient workflows and more agile networks. Through a combination of lessons and hands-on labs, you will gain knowledge and skills for using Cisco Internetworking Operating System (Cisco IOS®-XE) for device-centric automation, Cisco Digital Network Architecture (Cisco DNA™) Center for the intent-based enterprise network, Cisco Software-Defined (SD) WAN, and Cisco Meraki™. You will study software development toolkits, industry-standard workflows, tools, and Application Programming Interface (APIs), such as Python, Ansible, Git, JavaScript Object Notation (JSON), YAML Ain't Markup Language (YAML), Network Configuration Protocol (NETCONF), Representational State Configuration Protocol (RESTCONF), and Yet Another Generation (YANG). *This course prepares you for the 300-435 Automating Cisco Enterprise Solutions (ENAUTO) certification exam.*

Programma

- Introducing Cisco SD-WAN Programmability
- Building Cisco SD-WAN Automation with Python
- Building Cisco SD-WAN Automation with Ansible
- Managing Configuration with Python and Ansible
- Implementing On-Box Programmability and Automation with Cisco IOS XE Software
- Implementing Model-Driven Telemetry

ITCore Group

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- Day 0 Provisioning with Cisco IOS-XE
- Automating Cisco Meraki
- Implementing Meraki Integration APIs
- Implementing Automation in Enterprise Networks
- Building Cisco DNA Center Automation with Python
- Automating Operations using Cisco DNA Center
- Automating APIs and Protocols
- Network Programmability Foundation

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