



SPAUI: Implementing Automation for Cisco Service Provider Solutions

Listenpreis

3.395,00 € exkl. MwSt

4.040,05 € inkl. MwSt

Dauer

3 Tage

Leistungen Präsenz

- Schulung im Trainingscenter
- Verpflegung
- Teilnahmebestätigung / Zertifikat

Leistungen bei VCL Training

- Technischer Support
- Online Zugang
- Teilnahmebestätigung / Zertifikat

Ihre Ansprechpartnerin



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Vertrieb

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Inhalte

- **Implementing Network Device Programmability Interfaces with NETCONF and RESTCONF**
 - Implement NETCONF Protocol
 - Implement RESTCONF Protocol
- **Implementing Model-Driven Programmability with YANG**
 - YANG Data Models
 - YANG Tools
 - YANG Development Kit
- **Implementing Model-Driven Telemetry**
 - Implementing Model-Driven Telemetry with gRPC
 - Implementing Model-Driven Telemetry with gNMI
- **Automating Service Provider Network Traffic with Cisco XTC**
 - Cisco XTC Fundamentals
 - Configure Cisco XTC
- **Automating Networks with Tools That Utilize SSH**
 - Implement Device Configurations with Python Netmiko Library
 - Implement Device Configurations with Ansible Playbooks
- **Orchestrating Network Services with Cisco NSO**
 - Cisco NSO Fundamentals
 - Cisco NSO Device Manager
 - Cisco NSO Services
 - Implement Device Configurations with Python
- **Automating Virtualized Resources with Cisco Elastic Services Controller**
 - Cisco ESC Architecture
 - Cisco ESC Resource Management
- **Automating the WAN with Cisco WAE**
 - Describe the Cisco WAE Components



Zielgruppe

- Network administrators
 - Network architects
 - Network designers
 - Network engineers
 - Network managers
 - Network Operations Center (NOC) personnel
 - Network supervisors
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Voraussetzungen

- CCNP equivalent level of knowledge for Routing and Switching (R and S)
 - Cisco Internetworking Operating System (IOS XE) and Cisco IOS XR working experience
 - SP Operations experience with routing, Multi-Protocol Label Switching (MPLS) and Virtual Private Network (VPN) Solutions
 - Network Programmability Basics (Network Programming Foundations, APIs and Protocols, Network Model Driven APIs and Protocols, Configuration Management with Ansible, Service Provider Network Automation workflows)
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Prüfung/Zertifizierung

300-535 Examen
