

Cisco Implementing Automation for Cisco Service Provider Solutions v1.0 (SPAUI)

Duration: 24.00 hours (3 days)

19.5 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course prepares you to implement and support automation solutions in a Service Provider network infrastructure, using network programmability principles, protocols, tools, and mechanisms. Through a combination of lessons and hands-on labs, you will learn to deploy, configure, monitor, and operate Service Provider network environments using modern data models. These models allow you to represent operational data and new network management protocols in order to administer hundreds or thousands of devices in a single operation, replacing traditional, time-consuming, error prone, device-by-device Command Line Interface (CLI) management. The course also introduces powerful automation solutions that can streamline network operations. This course also prepares you for the CCNP-Service Provider concentration exam 300-535.

About This Course

This course prepares you to implement and support automation solutions in a Service Provider network infrastructure, using network programmability principles, protocols, tools, and mechanisms. Through a combination of lessons and hands-on labs, you will learn to deploy, configure, monitor, and operate Service Provider network environments using modern data models. These models allow you to represent operational data and new network management protocols in order to administer hundreds or thousands of devices in a single operation, replacing traditional, time-consuming, error prone, device-by-device Command Line Interface (CLI) management. The course also introduces powerful automation solutions that can streamline network operations.

This course also prepares you for the CCNP-Service Provider concentration exam 300-535.

Who Should Attend

This course is designed for Service Provider networking professionals in job roles such as:

Network administrators

Network architects

Network designers

Network engineers

Network managers

Network Operations Center (NOC) personnel

Network supervisors

Learning Outcomes

Upon successful completion of this course, participants will be able to:

After taking this course, you should be able to:

Use NETCONF and RESTCONF programmability protocols on Cisco devices

Describe and use tools to validate YANG data models on Cisco devices

Describe and configure model-driven telemetry on Cisco devices

Describe and configure network traffic automation with Cisco XTC

Describe and use network automation tools that utilize SSH

Automate service provider network configuration with Cisco NSO

Describe how to automate virtualized resources with Cisco ESC

Describe how to automate service provider WAN with Cisco WAE

Additional Course Details

Nexus Humans Cisco Implementing Automation for Cisco Service Provider Solutions v1.0 (SPAUI) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Implementing Automation for Cisco Service Provider Solutions v1.0 (SPAUI) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Cisco Implementing Automation for Cisco Service Provider Solutions v1.0 (SPAUI)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
 - Traditional Instructor-Led Classroom Training (ILT)
 - On-site delivery at your offices anywhere in United Kingdom
 - Private dedicated courses customized for your team
-

Q: How many CPD hours does this course provide?

The 3-day Cisco Implementing Automation for Cisco Service Provider Solutions v1.0 (SPAUI) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Cisco Implementing Automation for Cisco Service Provider Solutions v1.0 (SPAUI) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Cisco Implementing Automation for Cisco Service Provider Solutions v1.0 (SPAUI)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Implementing Automation for Cisco Service Provider Solutions v1.0 (SPAUI). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Cisco Implementing Automation for Cisco Service Provider Solutions v1.0 (SPAUI)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPALS** when booking your Cisco Implementing Automation for Cisco Service Provider Solutions v1.0 (SPAUI) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

✉ Email: info@nexushuman.com

🌐 Website: www.nexushuman.com

☎ Phone: +353 1 XXX XXXX (Ireland) | +44 20 XXXX XXXX (UK)