

Network Automation with Python and Ansible

Duration: 32.00 hours (4 days)

26.0 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

No two networks are the same! Learn to automate your network with a Python and Ansible skillset. Course can be taught across all major (and most minor) network vendors. Course demonstrations can be adapted to best-fit the customer's network to ensure all lessons have maximum relevance.

About This Course

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Who Should Attend

The primary audience for this course is as follows:

Network Administrators

Administrators interested in Automation

Individuals interested in devops, specifically for networking

Learning Outcomes

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

This course teaches students to blend Python skillsets with Ansible through the lens of automating networks. Automation techniques for the most popular vendor (incl. Cisco, Juniper, Arista) will be subjects of study, however, students may request examples from vendors within their own environments. Topics begin with a focus on automating networks with Python; this skill set is then folded into a broadening understanding of automating with Ansible. Students will have programmatic experience automating enterprise class networks by the conclusion of this course (includes writing custom Ansible modules with Python).

Class is a combination of lecture, demonstration, and hands-on labs. Students are invited to share their own relevant Python and Ansible scripts with the instructor to ensure class subjects are as relevant as possible.

All notes and scripts will be made available to students by the end of each day via a cloud-share or email. Lab time will be given reinforce that day's topics and demonstrations.

Additional Course Details

Nexus Humans Network Automation with Python and Ansible 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 Network Automation with Python and Ansible 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 Network Automation with Python and Ansible?

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
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Q: How many CPD hours does this course provide?

The 4-day Network Automation with Python and Ansible course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Network Automation with Python and Ansible training?

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Network Automation with Python and Ansible?

Yes, we provide corporate training, dedicated training, and closed classes for Network Automation with Python and Ansible. 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 Network Automation with Python and Ansible?

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 **PENPAL5** when booking your Network Automation with Python and Ansible 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

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