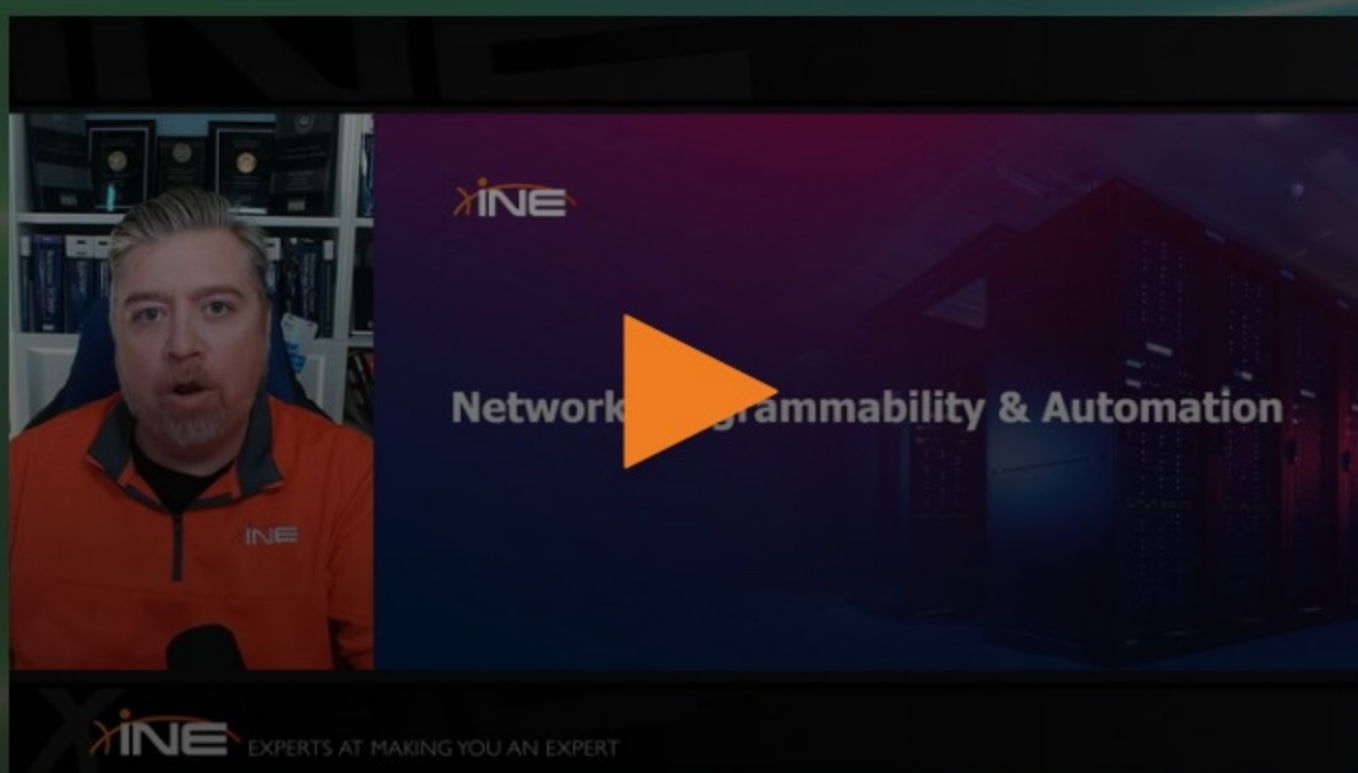


Network Programmability & Automation



Network Automation has steadily become one of the most crucial components in managing increasingly complex network environments. As businesses adopt more IoT devices, move more services to the cloud, and expand their operations, the demand for scalable, automated solutions has greatly intensified, making it a critical component of any modern IT infrastructure. This Learning Path is designed to equip learners with the practical skills needed to meet the demands of today's and tomorrow's growing network automation solutions. Starting with an introduction to network programmability and automation, this path progresses through the fundamentals and advanced techniques of using Python for network automation, maintaining configuration consistency with Ansible, and exploring automation techniques for Cisco Enterprise, Security, and Data Center network solutions. The Network Programmability and Automation Learning Path will help you skill up for your career and ensure that you remain relevant in the ever-evolving field of Network Automation.

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Matias Caputti

DIFFICULTY	Professional
DURATION	86h 27m
SECTIONS	6
COURSES	10
VIDEOS	195
QUIZZES	116
LABS	13

SECTION 1

Introduction

0% complete

VIDEO

Network Automation Overview

● Networking | 5m

SECTION 2

Network Automation Fundamentals

0% complete

COURSE

Introducing Network Programmability & Automation

● Networking | 6h 10m | Active 8 months ago | Keith Bogart

COURSE

Fundamentals of Network Automation Using Python

● Networking | 10h 22m | Active 8 months ago | Rohit Pardasani

COURSE

Advanced Network Automation with Python

● Networking | 7h 41m | Rohit Pardasani

SECTION 3

Enterprise Network Automation

0% complete

COURSE

Configuration Consistency with Ansible

● Networking | 11h 51m | Active 8 months ago | Keith Bogart

COURSE

Exploring Cisco IOS Automation

● Networking | 13h 20m | Active about 2 months ago | Donald Robb

COURSE

Cisco Software Defined Automation Solutions

● Networking | 9h 29m | Active about 2 months ago | Donald Robb

SECTION 4

Network Security Automation

0% complete

COURSE

Cisco Security Automation Solutions

● Networking | 7h 1m | Active about 2 months ago | Donald Robb

COURSE

Network Security Automation

● Networking | 7h 51m | Active 8 months ago | Piotr Kaluzny

SECTION 5

Data Center Automation

0% complete

COURSE

Cisco Data Center Automation Solutions

● Networking | 5h 49m | Active about 2 months ago | Donald Robb

COURSE

Automating Cisco ACI with Python Bootcamp

● Networking | 6h 41m | Brian McGahan +1

SECTION 6

Conclusion

0% complete

VIDEO

Network Automation Conclusion

● Networking | 2m

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