

Cisco DevNet Automation Bootcamp for NSO

Intensive training in Cisco Network Services Orchestrator (NSO)

The **Cisco DevNet Automation Bootcamp for NSO** is a rigorous automation training program for teams of up to 12 learners, led by Cisco® Automation experts and tailored to your team's skills and goals. Your bootcamp includes 9 days of in-depth training delivered over an 8-week period. Here's how the process works:

- You meet with Cisco experts so we can assess your training needs
- We deliver 5 days of real-time instructor-led training
- Your team participates in self-paced e-learning to solidify their learning
- Our experts facilitate a 4-day deep-dive lab
- Your team can also receive expert coaching to supplement their learning

After learning and creating with this hands-on curriculum, your team can get back to the business of automating and innovating, applying their newfound knowledge to optimize your network.

What your bootcamp covers

In your 5-day instructor-led class

You'll work with Cisco automation experts on topics specific to your situation, such as:

- Introduction to Cisco Network Services Orchestrator
 - NSO platform components and use cases, installation, Network Configuration Protocol (NETCONF)/Yet Another Next Generation (YANG), using NSO to manage devices
- NSO Services
 - Creating and managing NSO automation services
 - Customizing NSO services with Python
- NSO Administration and NSO DevOps

In your 4-day deep-dive lab

You'll extend the skills you gained in the 5-day class by performing complete automation actions and taking your NSO use to the next level.


- Code alongside your instructor to build custom automation examples and solve use cases
- Collaborate with your team to solve problems
- Gain immersive experience with introductory techniques such as installation, the network Command-Line Interface (CLI) and config database, testing models with NetSim, and deploying template-based services
- Or choose to practice advanced topics such as Python-powered services, advanced YANG constructs, self-testing services with actions and NSO in a Continuous Integration/Continuous Delivery (CI/CD) pipeline

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