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CISCO
The bridge to possible

Cisco DevNet Automation Bootcamp for Enterprise Networking

Intensive training in Enterprise Networking

The Cisco® DevNet Automation Bootcamp for Enterprise Networking 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
- Learners earn Continuing Education Credits after completion of instructor-led training and deep-dive lab

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 Automation:** Python, version control systems, HTTP APIs, data formats including YAML Ain't Markup Language (YAML) and JavaScript Object Notation (JSON), Yet Another Next Generation (YANG), RESTCONF and NETCONF APIs, Jinja2, Ansible, and testing
- **Cisco IOS® XE Automation:** Day Zero provisioning, on-box/off-box programmability and automation, and model-driven telemetry
- **Cisco DNA Center™:** Intent and Assurance APIs

In your 4-day deep-dive lab:

You'll extend the skills you learned in the 5-day class by performing complete automation actions in the context of NetDevOps.

- **Code alongside your instructor** to build custom automation examples and solve use cases
- **Collaborate with your team** to solve problems
- **Gain immersive experience** in **Cisco IOS XE** automation with technologies such as pyATS, Network as a Code, Model-Driven Programmability and Telemetry, GuestShell, GitLab CI, and Continuous Integration/Continuous Delivery (CI/CD) pipelines

Continuing Education Credits

- **40 Continuing Education Credits** earned for completion of instructor-led training
- **32 Continuing Education Credits** earned for completion of deep-dive lab

Course overview

Course content is dynamic and subject to change without notice.

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