

Cisco DevNet Automation Bootcamp for ACI

Intensive training in ACI Automation

The **Cisco DevNet Automation Bootcamp for ACI** 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 Automation
 - Python, version control systems, HTTP APIs, data formats including Yet Another Markup Language (YAML) and JavaScript Object Notation (JSON), Yet Another Next Generation (YANG), REST Configuration Protocol (RESTCONF) and Network Configuration Protocol (NETCONF) APIs, and Ansible
- ACI Automation
 - Using Python to interact with the Cisco Application Centric Infrastructure (Cisco ACI®) Representational State Transfer (REST) API
 - Using Ansible to automate Cisco ACI

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 learning the roles of tools, toolkits, and Software Development Kits (SDKs).


- Code alongside your instructor to build custom automation examples and solve use cases
- Collaborate with your team to solve problems
- Gain immersive experience with technologies such as the ACI REST API interface, ACI API Inspector, ACI Toolkit, Ansible, GitLab CI, pyATS, and Continuous Integration and Continuous Delivery (CI/CD) pipelines

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