

Cisco DevNet Automation Bootcamp for Meraki

Intensive training in Meraki Automation

The **Cisco Devnet Automation Bootcamp for Meraki** 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 that can be used toward recertification

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), and REST Configuration Protocol (RESTCONF) and Network Configuration Protocol (NETCONF) APIs
 - Continuous Integration and Continuous Delivery (CI/CD) pipeline introduction
- Meraki Automation
 - Demonstrate workflows using Python and Postman
 - Leverage Cisco Meraki™ APIs to perform Day-Zero operations, improve troubleshooting methodologies with custom tools, augment the GUI using scripts, and integrate workflows using Python
 - Describe the cloud-managed infrastructure and understand the building blocks of a working solution

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). Your team will code alongside their instructor and collaborate to solve problems.

- Gain immersive experience with technologies such as Meraki Dashboard and REST, Meraki Action Batches, Python SDK, GitLab CI, and CI/CD pipelines
- Discover, define, explore and troubleshoot common Meraki issues, or focus on automation provisioning and configuration

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


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