

Automating BIG-IP with Ansible

Course code: F5_ANSIBLE

This course introduces network administrators, operators, and DevOps engineers to the foundational and F5-specific technologies required to automate BIG-IP. Participants will gain exposure to multiple technologies for a variety of use cases and will have hands-on experience that leave them better prepared to automate the onboarding and configuration of BIG-IP.

Required skills

- Common network terminology
- Common CLI usage knowledge
- Basic Linux knowledge

Teaching materials

F5 Networks guide book for this course.

Technical equipment:

- Linux
- Ansible
- Docker
- Nginx

Course outline

- Linux Command Line Review
- BIG-IP Application Creation Review
- Automation and DevOps Concepts
- Introduction to JavaScript Object Notation
- Programming BIG-IP with iControl REST
- Onboarding BIG-IP with iControl REST
- YAML Basics
- Introduction to Ansible
- Playbooks and Inventory
- Organized Inventory
- Deploying BIG-IP Apps
- Onboarding BIG-IP
- Licensing, HA and Roles

GOPAS Praha

Na Strži 2097/63
140 00 Praha 4 - Krč
Tel.: +420 226 201 390
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 530 513 590
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 902 903 132
info@gopas.sk



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