

# 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

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