# 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.

| Affiliate | Duration | Course price | ITB |
|-----------|----------|--------------|-----|
| Praha | 2 | 39 900 Kč | 0 |
| Brno | 2 | 39 900 Kč | 0 |
| Bratislava | 2 | 1 590 € | 0 |

The prices are without VAT.

## Course terms

| Date | Duration | Course price | Type | Course language | Location |
|------|----------|--------------|------|-----------------|----------|

The prices are without VAT.

### Required skills
- Common network teminology
- 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