

# Automating BIG-IP with AS3

Course code: F5\_AS3

This training starts with reviews of the Linux command line and application creation on BIG-IP and continues with the introduction of Automation and DevOps terminology and concepts. It then introduces JavaScript data types and JavaScript Object Notation, which provide the data encapsulation for imperatively programming BIG-IP with the iControl REST API. Declarative APIs are introduced the final lessons which are used to automate BIG-IP application creation and BIG-IP system onboarding.

## Required skills

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

## 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
- Automating BIG-IP with AS3
- Exploring AS3
- AS3 Declarations
- AS3 API
- Postman Overview
- Components of AS3
- Onboarding BIG-IP with DO
- DO Declarations
- DO API

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