Training: F5
# Administering NGINX for Web Services

## TRAINING GOALS:

Learn how to administer, configure, and manage NGINX using recommended practices. Discover how to set up and control NGINX server contexts, and configure location context. Explore NGINX variables and their usage.

Find out about NGINX logging methods, levels and severity of log entries, and how to set up error logging. Learn about proxy and reverse proxy concepts and discover how to map and use variables to convert requests from older locations to new locations. Further explore routing concepts and methods, including why and how to configure NGINX to use HTTPS/SSL to secure client and server connections and how to force the use of HTTPS. Finally, learn about the NGINX Plus API and Dashboard; configure systems to display their information via the Dashboard and control access to systems via the API.

Administering NGINX for Web Services is critical for all levels of NGINX product users, from beginner to experienced, because this course teaches the concepts and practices that form the foundation for learning about other products in the NGINX family.

**Audience**

Administering NGINX for Web Services is essential for all NGINX product users.

## CONSPECT:

- Getting Started with NGINX
- Understanding the NGINX Architecture
- Configuring Contexts
- Serving Content with Server Directives
- Serving Content with Location Directives
- Using Variables
- Managing NGINX Logging



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- Proxying Requests
- Routing HTTP Requests
- Mapping Variables
- Encrypting Web Traffic and Restricting Access
- Monitoring and Managing Systems

## REQUIREMENTS:

Administering NGINX for Web Services is the foundation of your NGINX training. As such, no prior NGINX training is required. The course assumes a basic understanding of networking, web servers, HTTP, load balancing, caching, proxying, and related concepts. Hands-on labs are performed on a graphical desktop in a Linux environment. The lab materials are located on the Desktop and can be launched easily in a viewer and positioned for ease of copy and paste and step-by-step execution of the labs.

Attendees will additionally need to be able to navigate the file system from the command line and edit configuration files using VI/VIM. Additional experience with Linux environments will be helpful.

## Difficulty level



## CERTIFICATE:

The participants will obtain certificates signed by F5 (course completion).

This course helps prepare participants for the F5 Certified Administrator, NGINX (F5-CA, NGINX) certification. The certification requires candidates to pass four exams: NGINX Management (F5CAN1); NGINX Configuration: Knowledge (F5CAN2); NGINX Configuration: Demonstrate (F5CAN3); and NGINX Troubleshoot (F5CAN4).

More information: https://education.f5.com/learning-path/view/24

## TRAINER:

Certified F5 Networks Trainer



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