



# Scale your Production-Grade Kubernetes with F5 NGINX Ingress Controller and Red Hat OpenShift

The F5 Test Drive Labs Accreditation Program provides foundational understanding and practical knowledge of F5's portfolio. Achieve an Accreditation Certificate of Completion Digital Badge by attending and completing a designated accreditation lab track. These live instructor-led sessions deliver introductory concepts, configurations, and best practices necessary to deploy and maintain F5 solutions in production environments.

## LAB DESCRIPTION

This hands-on lab session will introduce users to the essential aspects of F5 NGINX running on the Red Hat OpenShift platform. Users will gain familiarity with F5 NGINX and its value as a per-application ADC within an OpenShift environment and understand the fundamental differences between open-source NGINX and F5 NGINX. In addition, they will explore how F5 NGINX combined with OpenShift can provide a production-grade deployment.

Participants who earn this badge will have obtained the following foundational experience:

- Understanding the F5 NGINX Kubernetes (K8s) Ingress Controller (KIC) operator and how to deploy seamlessly from the Red Hat OpenShift console.
- How to utilize the OpenShift default ingress and F5 NGINX KIC ingress in the same environment.
- Providing per-app monitoring and load balancing in a cluster environment.
- Implementing advanced app-centric configuration using role-based access control (RBAC) and self-service to set up security guardrails (not gates), so teams can manage their apps securely while enabling multi-tenancy, reusability, and more manageable configurations.
- Increasing visibility and performance monitoring to pinpoint undesirable behaviors and performance bottlenecks to simplify troubleshooting.

## SKILLS

**F5 NGINX Plus**  
**Kubernetes**  
**OpenShift**  
**Ingress Controllers**  
**Load Balancing**

## PREREQUISITE

**None**

## CREDENTIAL AWARDED

**Certificate of Completion  
Digital Badge**

## CREDENTIAL ISSUED BY

**F5, Inc.**

The F5 Test Drive Labs Accreditation Certificate of Completion Program does not provide F5 Certifications and is independent of the official F5 Certification program. F5 Certification is a differentiator for you in your career, and it's a competitive advantage for your employer. We recommend taking your F5 skills to the next level and becoming F5 Certified. To begin, visit [Advance Your Career with F5 Certification](#).