



## Overview

# Overcoming Common DevOps Misconceptions

### Improve security and deployments for DevOps

Together, F5 and AWS enhance CI/CD pipeline security and efficiency for development teams. Our advanced application services deliver the control, visibility, and protections needed to integrate security across the development lifecycle and accelerate application delivery and performance.

Learn more at [f5.com](https://f5.com) or find F5 Distributed Cloud Services on [AWS Marketplace](https://aws.amazon.com/marketplace).

Struggling to make your DevOps processes more efficient, flexible, and secure?

Explore these industry-wide misconceptions so you can improve application delivery and better integrate security across cloud deployments.

## Myth #1

### API security is pre-built into development workflows.

**Truth:** APIs change frequently and require constant oversight to control and secure. F5® Distributed Cloud Services and Amazon API Gateway enable DevOps teams to integrate API security directly within CI/CD pipelines—at any scale. Upload an existing API schema to enforce appropriate API behavior, automatically generate policies based on app-to-app and API-to-API patterns, and control connections to secure API traffic, without disrupting existing development processes.

## Myth #2

### Security slows down app development.

**Truth:** Effective and consistent security can accelerate development lifecycles. F5 web application firewalls enable you to seamlessly incorporate protections during development, rather than in production, so you can centralize security, orchestration, and oversight from the start. This enables faster, more secure application delivery and release cycles, regardless of your architecture, cloud, or framework.

## Myth #3

### All cloud load balancing is the same.

**Truth:** Not all clouds, or load balancers, are created equal. F5 intelligent DNS and load balancing ensure high availability and robust app performance in AWS and other environments. Seamless integration with development pipelines provides DevOps teams with a globally optimized load balancing platform for fast performance, directing traffic to the nearest instance and ensuring GDPR compliance. Distribute loads across compute instances, detect and reroute failed resources, and maintain high availability with zero-touch failover and disaster recovery.

