

# Devops



DevOps (Development and Operations) is a set of practices and cultural philosophies that aim to improve collaboration and communication between software development teams and IT operations. The primary goal of DevOps is to automate and streamline the software delivery process while ensuring the stability and reliability of applications. There are several benefits to adopting DevOps practices:

**Faster Time-to-Market: DevOps practices enable organizations to release software updates and new features more quickly. Automation of build, test, and deployment processes reduces manual intervention, speeding up the delivery pipeline.**



## **Faster Response to Threats:**

**When DevOps and cybersecurity teams collaborate on incident response planning, they can react swiftly and effectively to security incidents, minimizing damage and downtime.**

## **Compliance and Audit Readiness:**

**Collaboration helps organisations maintain compliance with industry standards and regulations.**



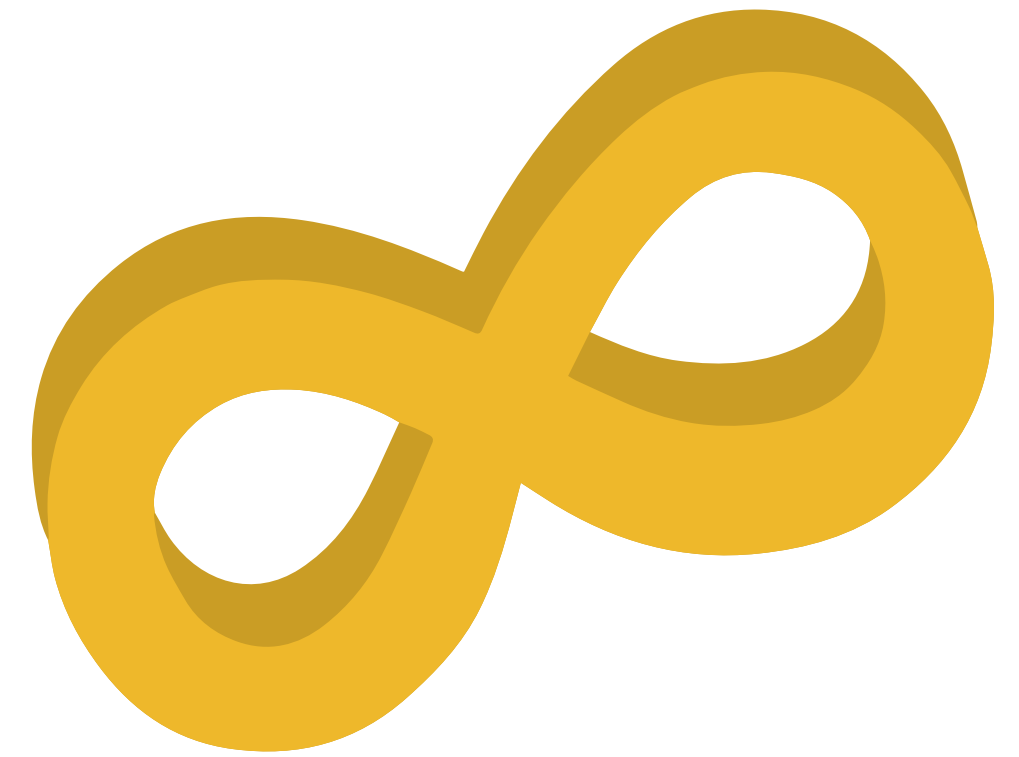
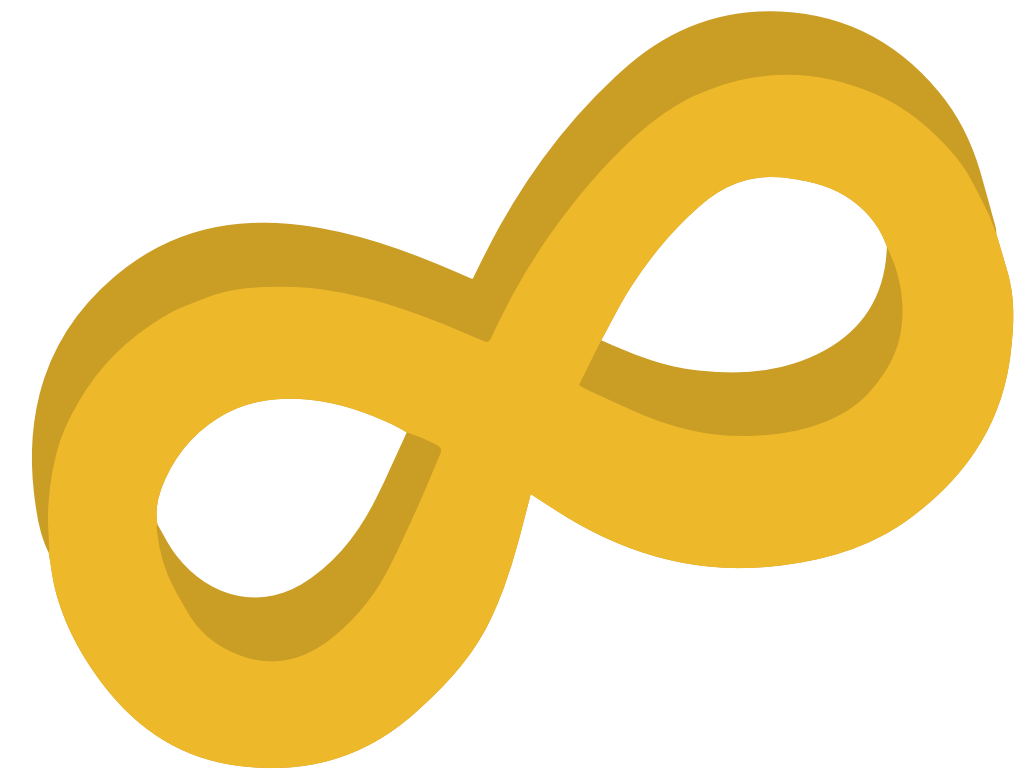
# **DevOps and cybersecurity teams can work together:**



- 1. Shift-Left Security**
- 2. Security as Code**
- 3. Continuous Security Testing**
- 4. Incident Response Planning**
- 5. Shared Responsibilities**

# **DevOps and cybersecurity teams offers several significant benefits to organizations:**

- 1. Enhanced Security**
- 2. Faster Response to Threats**
- 3. Compliance and Audit Readiness**
- 4. Efficient Development**
- 5. Cost Savings**



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