

Common responsibilities of **DevOps Teams**



DevOps team structure plays a crucial role in fully leveraging DevOps benefits. As such, organizations should ensure that the team is built with the right people with a clear definition of DevOps roles and responsibilities.

In a DevOps environment, cross-functional teams share common responsibilities. Here are some of the DevOps team responsibilities:

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1 ▶ DevOps Responsibilities: **CI/CD Pipelines**

Continuous Integration and Continuous Deployment (CI/CD) sits at the heart of DevOps. This pipeline comprises integrated processes required to automate build, test, and deployment.

2 ▶ DevOps Responsibilities: **Cloud/Server/Network**

Architectures

DevOps augmented by cloud technology enables you to build highly scalable and flexible applications using different architectures such as Microservices, serverless architecture, and cloud architecture.

3 ▶ DevOps Responsibilities: **Infrastructure as Code**

Infrastructure as Code (IaC) is an innovative concept of managing infrastructure operations using code. Unlike traditional environments wherein manual configuration files and scripts are used to manage configuration, IaC performs operations using code in an automated environment.

4 ▶ DevOps Responsibilities: **Cloud migrations**

Moving your apps and data to a cloud is not an easy task. Cloud migration strategies differ from one organization to another.

Replatforming, Rehosting, Repurchasing, Rebuilding, refactoring, and retiring are some of the strategies that you could

follow.

5 ▶ DevOps Responsibilities: **Security Compliance**

As with the development and operations teams that have opposite objectives, development and security operations have conflicting objectives too. Traditionally, development teams and operation teams focus on policy management, code inspection, etc., and security teams retroactively monitor and mitigate risks.

6 ▶ DevOps Responsibilities: **Continuous Monitoring**

Continuous monitoring in DevOps provides real-time feedback on the performance of an application in production. As development gets faster in DevOps, QA needs to match this pace to run automated tests.

7 ▶ DevOps Responsibilities: **IT Support**

IT support is another important team that should be integrated into the DevOps lifecycle. It should be automated to match the speed and scale of agile development. When developers push code to production, they can convey known errors to the support team.

8 ▶ DevOps Responsibilities: **On call (Incident Management)**

On-call Incident management is not very different in DevOps environments. The only change is that developers are also involved in this process. Teams collaboratively identify vulnerabilities and are prepared to efficiently handle incidents.

As the DevOps team collaborates with multiple departments and people, providing them with the right tools and technologies is very essential. Seamless communication across the organization cannot be ignored. Using the right chat tools and communication tools is recommended.



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