

DevOps: Breaking the Development-Operations barrier



Articles

DevOps Principles

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DevOps Culture

DevOps Best Practices

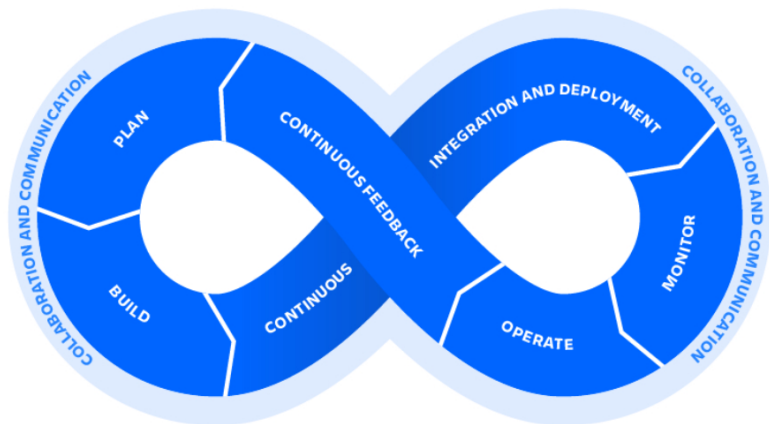
> Observability

> Feature Flagging

> Continuous Delivery

What is DevOps?

DevOps is a set of practices that works to automate and integrate the processes between software development and IT teams, so they can build, test, and release software faster and more reliably. The term DevOps was formed by combining the words “development” and “operations” and signifies a cultural shift that bridges the gap between development and operation teams, which historically functioned in siloes.



At its essence, DevOps is a culture, a movement, a philosophy.

“Devops isn't any single person's job.
It's everyone's job.”

Christophe Capel
Principal Product Manager, Jira Service Management



Who's doing DevOps?

Chef is the company behind the Chef Automate platform for DevOps workflows. Tens of thousands of developers use Chef to test, automate, and manage infrastructure. At the forefront of the DevOps evolution, the Seattle-based company has released products like Chef, InSpec, Habitat, and Chef Automate to advance new ways of developing and shipping software and applications. To experiment with and refine its own internal DevOps practices, Chef relies on the Atlassian platform.

[Learn more](#)

History of DevOps

Concerns about the dysfunctional relationship between development and operations teams became the foundation of the DevOps movement. [Read more about the history of DevOps](#)

Benefits of DevOps

DevOps practitioners deploy higher quality code faster than traditional siloed teams, and they experience higher collaboration and trust. [Read more about the benefits of DevOps](#)

DevOps Culture

DevOps goes beyond tools. It's about the practices, processes, and team collaboration to reduce complexity and deliver value to customers. [Read more about DevOps culture](#)

DevOps Engineer

Organizations want to add “DevOps engineers” to their software teams, but what does this job entail? It turns out that there's no single “DevOps engineer”, but rather a collection of skills and expertise across the team. [Read more about DevOps engineers](#)

Always-on Services

DevOps teams need to think beyond reacting to a single incident and align the team structure, values, and tools to ensure that operational excellence becomes a core competency. [Read more about keeping always-on services always on.](#)

NEXT TOPIC

[History of DevOps →](#)

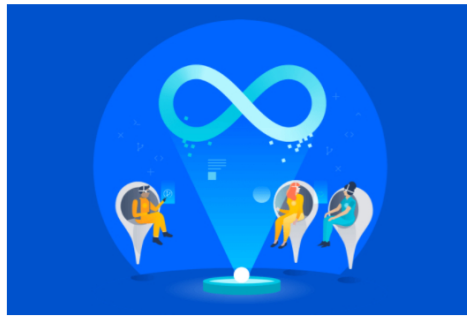
Recommended reading

Bookmark these resources to learn about types of DevOps teams, or for ongoing updates about DevOps at Atlassian.



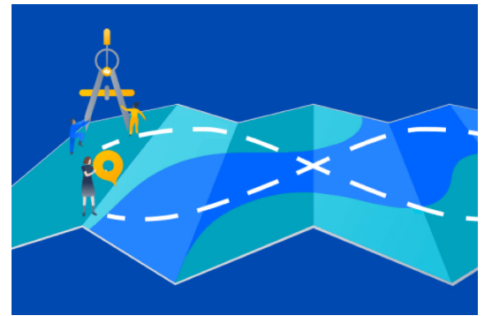
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