THE PLATFORM.SH
GUIDE TO
MODERN DEVOPS

platform.sh

Drupal in 2017 is not Drupal in 2001.

Implementing modern DevOps practices can bring great impact on project lead time, cost, maintenance costs, and failure rates:

- Up to 60% overall cost reduction
- 3x higher developer productivity
- 14x faster feature and UAT sign-off

Integrating DevOps can seem complex, but with the right techniques, Drupal teams can be more productive than ever. We have gone through the journey ourselves and have developed guidelines for our own internal Drupal projects, as well as received feedback from hundreds of clients and agency partners. To get you started on DevOps best practices, here are six steps that you should follow.
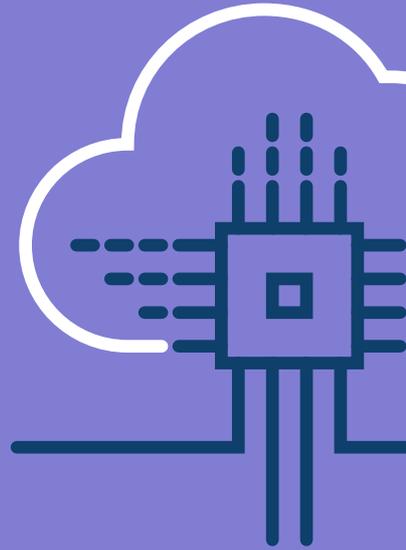
1

Embrace Change

The development model for Drupal has changed and your teams need to change with it. Transition to Drupal 8 and don't start new projects on Drupal 7 unless absolutely necessary.
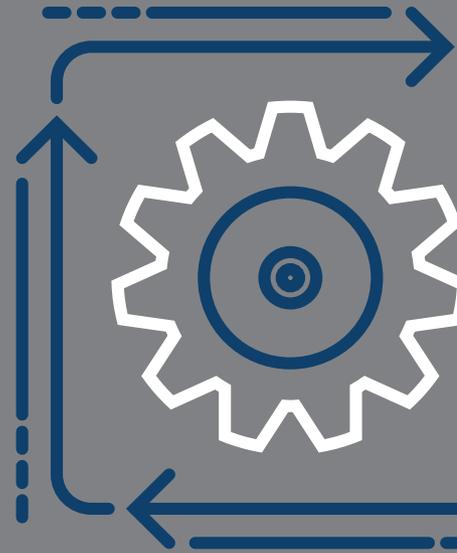
2

Leverage modern infrastructure elements

Consider a more modern infrastructure as it can save you a lot of time in the development cycle and a lot of heartache when you need to scale. Choose a provider that lets you pay for capacity only when you use it, not what you may need to scale up to for any future peak events.

3

Automate all your testing environments

Developer teams must be agile enough to develop, test and ship quality code continuously to help respond faster to market needs. Eliminate the traditional model of dev, staging, prod environments by aligning your development and testing clusters 100% with production to avoid different code versions between environments. Have the capabilities to create temporary testing environments to test new features in isolation.

4

Automate deployments and updates

Wouldn't it be great if developers could spend more time coding new features instead of worrying whether each feature will ship successfully? If your tests were done right in the first place, then you should be able to deploy automatically with no fear. That is why your developer teams need a tool that can make deployments repeatable and fully automated.

5

Implement observability

Make sure every service is healthy by implementing proactive monitoring.

6

Implement high availability and scaling

Choose a cloud hosting provider that can deliver on triple redundancy and 99.99% high-availability. Preferably they should take a multi-tiered global managed approach to caching to ensure webpages load faster to maintain great customer online experience.

Sounds complicated?
Not if you do one thing.

What if you could follow all six steps at once? Use Platform.sh. It gives you everything, out of the box, ready to use, with zero upfront investment.

Companies using Platform.sh have seen their developer teams achieve better quality results at a faster pace:

Task	What clients typically say
New system setup time	Hours to <30mins
DevOps & ticket reduction	3x less
Deployment time reduction	15x faster
Deployment frequency	Up to 20x faster

You don't need to care about any of the complicated details. And you can start slow. We can run any Drupal project with everything committed to the same repo and because all the tooling is integrated, you can move, step by step, to a modern workflow within days.

platform.sh