

DevOps

eGuide

DevOps, that critical intersection between development and operations, has moved into the spotlight of late. While developers and IT professionals have been coexisting for decades, DevOps as a formally recognized practice is relatively new and the inventory of reliable resources exploring how to innervate this movement is still rather sparse. This eGuide provides information you need both to start the DevOps conversation in your organization and to continue the momentum as the industry learns to navigate and strengthen the relationship between the development and IT groups.

In This DevOps eGuide

Overcome DevOps Adoption Barriers to Accelerate Software Delivery

By Chris Haddad

Responsive IT teams overcome software delivery challenges and deliver projects at the speed of business. They work toward simplifying the development and operational experience and shortening project cycle times. DevOps and platform as a service (PaaS) promises to change IT dynamics and create a more responsive IT environment.



Every team can improve its delivery speed. Teams usually face long lead times before project delivery, expensive solution price tags, and uneven policy compliance. DevOps proponents position principles and practices as the solution.

Barriers to DevOps Improvement

Adopting DevOps principles and practices is not

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easy. Common barriers include overcoming fragmented collaboration practices, discarding outdated IT infrastructure, and replacing previously manual and calcified processes with automated and streamlined pipelines. Without a preintegrated DevOps environment, teams often work for months building an effective tool chain. The DevOps tool chain environment is usually compatible with only a single project template, single run-time environment, or single team. Scaling DevOps requires establishing an environment that can be adopted across multiple project teams and runtimes.

The Path to Responsive IT = DevOps and PaaS

The path to responsive IT requires moving away

from traditional application platforms, team structure, and information flows. Responsive IT teams reinvent the application platform and reshape solution delivery. Their architecture intelligently incorporates cloud platforms and DevOps.

Reinvent the application platform

A DevOps-oriented application platform unifies DevOps practices, agile delivery, and PaaS to deliver a consistent, automated, governed, and unified application development lifecycle.

The platform should automate governance and enforce policies. Cloud provisioning should fulfill deployment requirements across all service providers and technologies used by delivery teams. The platform delivers on-demand self-service access

