

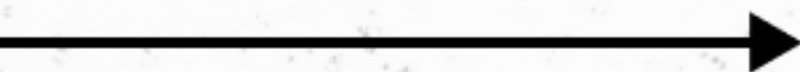
10

Challenges that
make **Adopting**
DevOps Difficult

1

Changing the company's culture for the better :

DevOps is all about faster release cycles. The only way it would work is if we encourage cross-team collaboration. Developers, Software architects, DevOps, SRE, product, marketing & customer success all should be coming together.



2

Getting **Everyone** **On Board**:

It's a big shift. For it to succeed everyone needs to be on board, including executives, IT, business managers and everyone involved in development and operations to identify and use the right tools.



3

Optimizing deployment pipeline :

CI/CD is the cornerstone of DevOps. It minimizes both time and cost of moving a feature from development to production. The faster you deploy features, the more value. The challenge is to enforce company policies and development standards.



4

Securing the infrastructure :

Security must be introduced at the beginning of the deployment cycle, resulting in safer deployments without sacrificing speed.



5

Sharing

Knowledge :

Knowledge silos are the big problems. DevOps can make it worse. Process change, new tools, and services deploying to a different platform. Without good docs and a knowledge base, collaboration with other teams quickly becomes a nightmare.



6

Managing

multiple environments:

DevOps need to manage multiple environments – dev, sandbox, prod etc. Without a plan in place, managing these environments can quickly get out of hand.



7

Transitioning from expert teams to cross-functional teams :

Nothing kills DevOps initiative faster than a siloed team. It thrives on cross-team collaboration and communication.



8

Cost

of DevOps :

It doesn't reduce cost as much as it increases revenue. Faster release cycles lead to greater value added to your product, resulting in revenue gains.

DevOps tend to have higher initial costs. It's easy to get discouraged if benefits are not immediate.



9

Innovate faster and **reduce** risks:

Shorter release cycles mean less time to build, test, and deploy changes. Having a manual process in the pipeline will always delay the release cycle. If you need to move quickly and ensure quality, the best solution is automation.



10

Adoption

is bottom-up:

Developers already know what they need to get the job done. So let them decide on tools and platforms. Trust DevOps teams to build the environments and leave the managing to management.



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