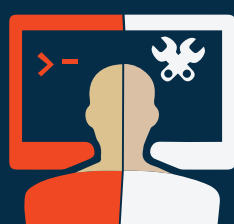


How is DevOps Impacting IT Efficiency?



DevOps is a term used to describe the notion of more connected, cyclical, integrated and holistically-aware way of working between Developers (the Dev in DevOps, obviously) and the Operations team, which could encompass sysadmins, DBAs, configuration specialists, testers and other key supporting operational staff.



60%
of companies have adopted DevOps or plan to do so in 2018



COMPANIES THAT ARE SUCCESSFUL WITH DEVOPS CAN DEPLOY

46x FASTER

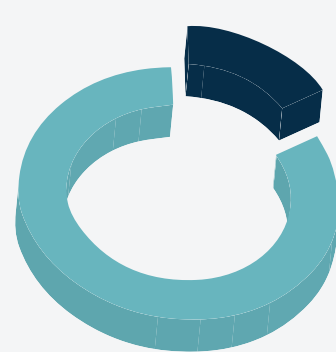
& HAVE A CHANGE FAILURE RATE OF

7.5%

THE TYPICAL NON-DEVOPS CHANGE FAILURE RATE IS

38.5%

Organizations who master the DevOps lifecycle also spend **22% less time** on unplanned work and rework, freeing time for new code or feature development, according to a report



HOW DO COMPANIES USE DEVOPS?

Source: smallfootprint.com, www.smallfootprint.com/insights/is-what-were-doing-really-devops

Etsy	Google	amazon
Software developers went from making deployments twice a week — each requiring more than four hours — to more than 60 times per day.	The company's "Site Reliability Engineering" initiative — DevOps by another name — has been able to maintain the uptime of services like Gmail and Google Docs at	By moving to the Amazon Web Services (AWS) cloud, developers could deploy to the servers of their choice at any time, resulting in an incredible average length of
	99.7%	11.7s between code deployments.

STACKSHARE.IO'S LIST OF THE TOP 10 DEVOPS TOOLS:

	1,420 Stacks
	1,670 Stacks
	1,880 Stacks
	2,000 Stacks
	2,460 Stacks
	3,180 Stacks
	3,760 Stacks
	3,980 Stacks
	4,070 Stacks
	7,800 Stacks

StackShare.io reported that more than 7,800 "stacks" that have been shared on their website use GitHub, which is the predominant platform for hosting shared application code.

Source:

<http://devopsagenda.techtarget.com/opinion/What-breakthroughs-we-wont-and-will-see-in-DevOps-2018>
<http://www.computerweekly.com/blog/CW-Developer-Network/Is-2018-the-year-of-the-DevOps-backlash>
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<https://www.techrepublic.com/article/the-10-devops-tools-that-it-pros-are-using-the-most/>
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