

Techstrong Research

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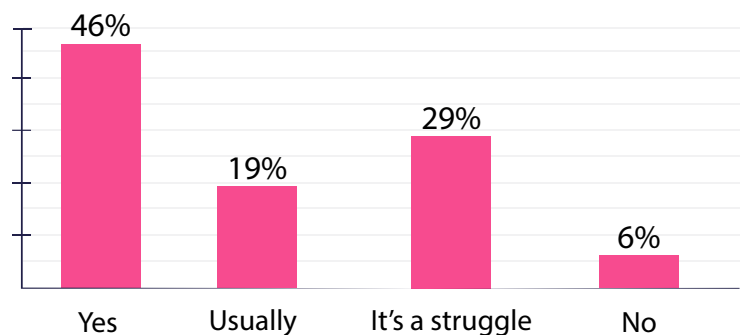
Software is the lifeblood of every business. To satisfy customers' increasing expectations, and to stay ahead of the competition, businesses need to continually improve and enhance their software offerings. The need for increased speed is understood; however, customers have zero tolerance for decreased software quality. You cannot substitute speed for software quality. To be successful, businesses have to have modern software that is well designed and well tested.

During the first two weeks of December we conducted several flash polls amongst the Techstrong Group member community. Techstrong group members include readers, influencers, and contributors to our various communities focused on DevOps, cloud-native, security along digital CxO community. The goal of these polls was to understand the communities' evolving thoughts on testing and automation, Shift Left and the ongoing talent shortage. Across all of the polls we received approximately 1,075 responses.

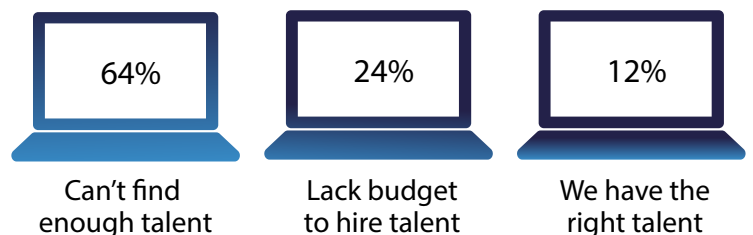
Keeping pace with business demand and the global talent shortage

» The demand for new software features and capabilities never stops. Existing teams need to keep up with business expectations, while also managing the global talent and skills crunch.

Can your DevOps teams keep up with the demand for new and updated software?



Do you have enough quality engineers to support testing and automation?

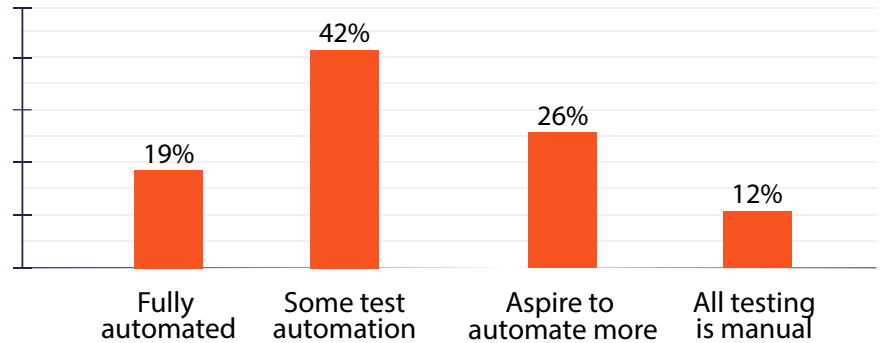




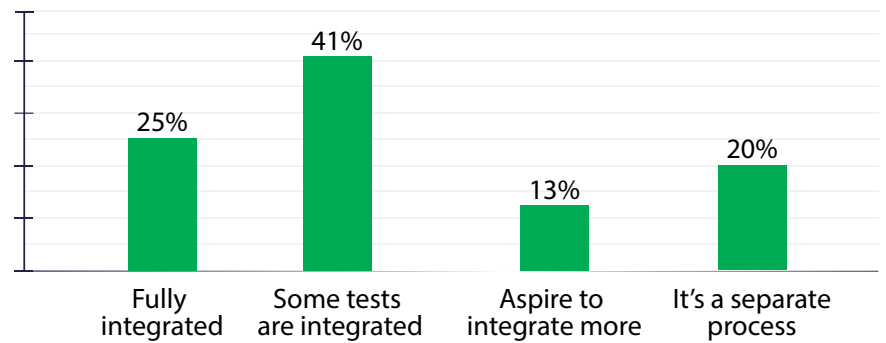
Testing automation and integrating automation into your DevOps Pipeline

» Testing automation is one of the key capabilities that is helping testing teams keep up with the increasing business demand for new software. We have seen automation catching on throughout organizations. It's also important to keep in mind that most respondents have not yet integrated testing into their CI/CD pipeline.

How much of your testing is currently automated?



How integrated is testing with your CI/CD pipeline?

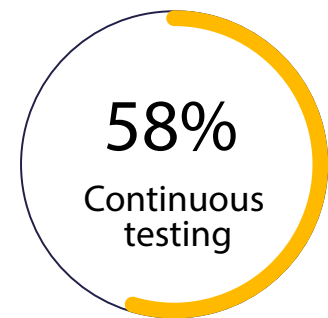


Shift Left Methodologies

» The Shift Left mantra has been talked about in the DevOps market for a number of years and is spreading to other parts of the business. But what does Shift Left mean when it comes to testing?

Shift Left when it comes to DevOps means:

- 15% Dev team does testing
- 13% Better test planning
- 14% I don't know



Techstrong Research Analyst View

The demand for new software will not slow down. Application testing plays a vital role for companies as they balance speed with quality. To keep up with the need for speed and the ongoing skills shortage, automation and integrating testing into DevOps pipelines is critical.

We expect automation to play an increasingly important role -- allowing skilled testing professionals to focus on innovation and the most complicated challenges while automating routine activities.