The Speed of Innovation in the Cloud: The Top 5 Challenges

The constant cycle of ‘new’

Dynatrace surveyed 880 global CIOs for their thoughts on the challenges they face in keeping up with today’s frenzied pace of innovation and the pressure of needing to deliver new services at an increasingly faster clip.

Challenge 1: The world keeps getting faster

End users expect a constant stream of updates for apps – nearly half of new updates are released every 24 hours or faster. But, 89% of CIOs think they will need to move even faster than this.

64% CIos say they compartmentalized between the delivery of new features and through testing.

73% CIOs who say the speed is eating the collaborative experience at risk.

Challenge 2: The customer experience is at risk

CIOs worry that the pressure to accelerate innovation, limited IT resources, and complex cloud environments result in poor overall customer experience.

67% Making sure migration doesn’t negatively impact user experience.

57% Identifying if the migration delivers the intended effect.

Challenge 3: Mastering the cloud and microservices is hard work

Migrating services to the cloud is the surest way of accelerating the path to innovation.

74% CIOs who say DevOps is underpinned by lack of shared data and targets.

68% CIOs who say there is a lack of understanding of how a microservice works.

Challenge 4: Silos hurt DevOps

Siloed tools and teams limit IT collaboration resulting in coding inefficiencies, delayed releases, and poor customer experiences.

55% Understanding whether an app is solely in the cloud.

51% Rebuilding legacy apps for the cloud.

Challenge 5: Innovation is stifled by unplanned work

IT deals with a lot of unplanned day-to-day work just to “keep the lights on”, draining resources and time that could be spent on innovation.

78% of CIOs say they could have prevented 2 project delays.

With greater collaboration across dev and ops teams...

As the speed of innovation today continues to accelerate, the ability for DevOps teams to ingest digital experience management insights and real-time feedback will become critical. This information must be democratized to foster more collaboration among teams and ensure equal responsibility for digital services among everyone.

Check out the full “2018 Global CIO Report – Speed of Innovation in the Cloud: The Top 5 Challenges”, for a deeper look at the obstacles that organizations are facing as they strive to keep pace with the demand of today’s ever-faster digital innovation and how Dynatrace enables them to come out on top.

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