

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

## The constant cycle of 'new'

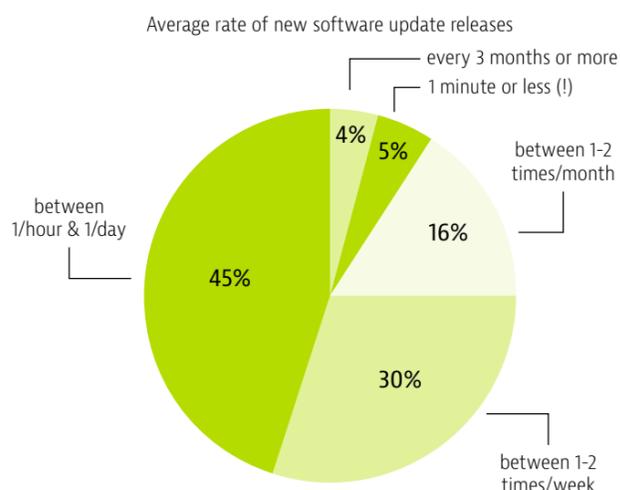
Dynatrace surveyed 800 global CIOs for their thoughts on the challenges they face in keeping up with today's frenzied pace of innovation and the pressure of needing to deliver new services at an increasingly faster clip.



Amazon reportedly releases a new software update every second.

### 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 who say they compromise between the needs for new innovations and thorough testing

**73%**

CIOs who say this speed is putting the customer 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.

### 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.

However, organizations face key challenges during migration...

**67%**

Making sure migration doesn't negatively impact app performance or user experience

**57%**

Identifying if the migration delivers the intended effect

**55%**

Understanding whether an app is suited to the cloud

**51%**

Rebuilding legacy apps for the cloud



**74%**

CIOs who say DevOps is undermined by lack of shared data/toolsets

**68%**

Organizations that have implemented, or are exploring a DevOps culture



### Challenge 4: Silos hurt DevOps

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

### 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.

With greater collaboration across dev and ops teams...



**78%**

of CIOs say they could have prevented IT project delays

As the speed of innovation today continues to accelerate, the ability for BizDevOps 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 "A 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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