

Infrastructure-as-Code's Dark Side

Cloud computing is becoming the engine powering modern business. It's also happening fast, with Infrastructure as a Service (IaaS) reaching \$80 billion and 17.1% compounded annual growth by 2022¹.

However, organizations struggle to understand and navigate this new and fast changing terrain. One technology that is critical for consuming public cloud services at scale is Infrastructure-as-a-Code (IaC).

INFRASTRUCTURE-AS-CODE BY THE NUMBERS

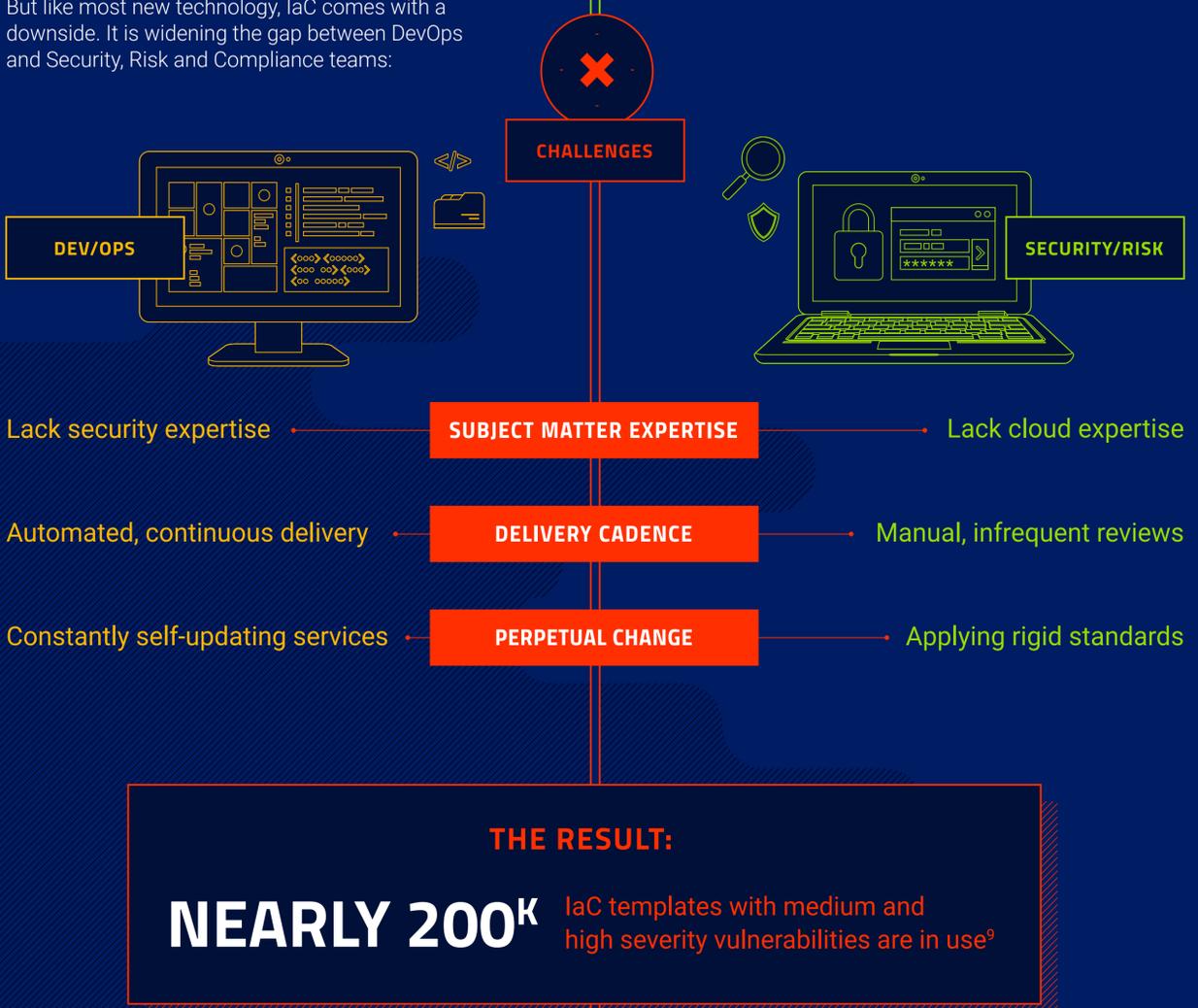
138 M public code repos^{2,3,4}

11% of public repo code is IaC⁵

29% of IaC changes monthly⁵

INFRASTRUCTURE-AS-CODE CHALLENGES

But like most new technology, IaC comes with a downside. It is widening the gap between DevOps and Security, Risk and Compliance teams:



INFRASTRUCTURE-AS-CODE UNINTENDED CONSEQUENCES

Rarely checked, the unintended risks created by IaC can have catastrophic business consequences.



Concourse Labs enables security and risk teams to continuously control IaC risk, before and after deployment, while freeing developers to innovate at the speed and scale of the public cloud. [Learn how](#)

SOURCES
 1 <https://www.gartner.com/en/newsroom/press-releases/2020-07-23-gartner-forecasts-worldwide-public-cloud-revenue-to-grow-6point3-percent-in-2020>
 2 <https://github.blog/2018-11-08-100m-repos/>
 3 <https://bitbucket.org/blog/celebrating-10-million-bitbucket-cloud-registered-users>
 4 <https://about.gitlab.com/blog/2019/01/07/github-offering-free-private-repos-for-up-to-three-collaborators/>
 5 https://skondrahman.github.io/papers/ist18_iac_sms.pdf
 6 <https://secure2.sophos.com/en-us/content/state-of-cloud-security.aspx#formFrame>
 7 <https://www.mcafee.com/en-sg/forms/gated-form.html?docID=be66d487f531-4484-ba0c-558b534f779>
 8 <https://www.oracle.com/cloud/cloud-threat-report/>
 9 <https://unit42.paloaltonetworks.com/cloudy-with-a-chance-of-entropy/>