

# CLOUD TRENDS

## TREND #1

### THE EMERGENCE OF OMNI-CLOUD

In recent years businesses have benefitted from a vendor-agnostic approach, which reduces costs and provides more creative freedom. However, the challenge of migrating workloads between different cloud infrastructures and bottlenecks in the CI/CD pipeline needs to be addressed. 2020 will see a rise in vendors forming cross-platform alliances in order to provide a faster and more seamless, omni-cloud experience.



**81%**

*of organizations using public cloud are using more than one*  
– Gartner 2018 Cloud Study

## TREND #2

### REPATRIATION FLOWS ALL DIRECTIONS

2020 will see organizations repatriating from public to private, from private to public, or to a completely hybrid environment based on their individual technology and security needs. The cloud landscape has never been so dynamic and customizable.



**49%**

*of public cloud-based applications will repatriate to private by 2021.*  
– IDC

## TREND #3

### SECURITY TAKES CENTER STAGE

The introduction of massive government contracts into the public cloud market requires cloud providers to raise and possibly reinvent their security standards. Some environments will need to be totally re-architected to meet the strict data privacy regulations emerging around the globe.



Nearly **2/3** of organizations see security as the biggest challenge for cloud adoption  
– IDC

## TREND #4

### CONTINUED CONTAINERIZATION

Containerization allows businesses who use multi-cloud or hybrid cloud infrastructure to port easily between environments and develop software faster with DevOps strategies.



**451**

*Research forecasts a \$2.7 billion growth in cloud containerization in 2020*

## TREND #5

### AI BECOMES UBIQUITOUS

In 2020 organizations will continue to infuse all SaaS products with some level of Artificial Intelligence and Machine Learning capabilities. Best-practices are now being established in order to fully harness the potential of AI/ML into the future.



**2019**

*CIO Survey, 26% of respondents ranked AI & ML as the most significant game-changing technology, making it #1 on the list.*  
–Gartner