Kubernetes in the Enterprise

In 2022, Kubernetes has become a central component for containerized applications. And it is nowhere near its peak. What do the adoption and deployment methods look like compared to previous years?

The Kubernetes in the Enterprise Trend Report aims to provide insight into how developers are leveraging Kubernetes in their organizations, focusing on the evolution of tooling around Kubernetes and containerized applications, advancements in Kubernetes observability, and the overall uses beyond container orchestration.

Expert Insights

The Kubernetes in the Enterprise Trend will cover topics such as:

- Advancements in cloud-native and/or Kubernetes observability/monitoring
- A deep dive into the use of Kubernetes in AI and/or ML
- Kubernetes – more than “just” a container orchestration tool?
- Kubernetes security (with a focus on one or more of the following)
  - Kubernetes hardening guide
  - Checklist of main security considerations
  - Kubernetes supply chain security
  - DevSecOps
  - Governance
- An advanced guide to Helm charts for package management in K8s
- The importance of Kubernetes in the cloud-native ecosystem
  …and much more.

Developer Survey

The research component of this Trend Report will explore topics including, but not limited to:

- Kubernetes adoption
- Kubernetes deployment methods
- Kubernetes architectures
- Most used/popular open source k8s tools/libraries (ie Helm, Jaeger, Istio, etc)
- The evolution of tooling around Kubernetes and containerized applications
- The change or emergence of new pain points associated with mature Kubernetes environments
- The connection between microservices architectures and Kubernetes usage
- The size and complexity of Kubernetes environments
- Expected vs. realized benefits of Kubernetes in the Enterprise
- The use of distributed design patterns
- Bare metal vs virtual machines within Kubernetes clusters
42,800+
Average monthly visitors engaging with Kubernetes-related content on DZone.com

17,000+
Total Downloads of Kubernetes DZone Publications in 2021

65%
Tech Decision Makers (Manager+) engaging with Kubernetes Content

87%
TDMs located in North America

60%
Employed at Companies Reporting $100M+ Revenue

Downloader Job Roles
- 36% Architect, Software Developer
- 8% Development Manager, Lead Developer
- 6% Executive Manager, VP, CTO, CIO
- 2% Marketing, Sales, Communication
- 4% President, CEO, Owner
- 36% Programmer, Developer
- 3% QA, Testing, Compliance
- 4% System Admin, DBA
- 2% Web Designer, Graphic Designer

DZone is 4.9x more likely to reach Kubernetes intenders.

132K+
Businesses with intent for Kubernetes content are visiting DZone.

Source: DZone Audience Composition, Bombora Last 90 Days, August 5, 2022; DZone Publications Downloads, 2021
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- Inclusion in 1 Weekly newsletter
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