

# 5 Key Takeaways From Humanitec's 2022 Kubernetes Benchmarking Study



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Kubernetes is a platform for building platforms. It's a better place to start; not the endgame.

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**#1. Get the technical implementation details right the first time:** Without a mature integration with CI/CD systems, appropriate documentation, or strong configuration management, Kubernetes implementation can quickly become difficult. **You have to get the technical implementation details right the first time.**

## #2. Correct containerization is key:

Containerization is a massive topic, and it is a very easy thing to do wrong. **getting comfortable with containerization** (and doing it correctly) **is key to making the most of a container orchestration solution** like Kubernetes.

### #3. Enable developer self-service:

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**#4. Leverage an Internal Developer Platform (IDP) to enforce Kubernetes best practices:** There is a common misconception that adopting Kubernetes is equivalent to building your internal platform.

While Kubernetes provides most of the building blocks you need for your setup, **you can add more to solve your specific problems.**

## #5: Keep learning, and don't stop:

Kubernetes is a powerful tool with a near-unlimited potential to improve your setup, and there are tons of free (and paid) **tutorials and resources** from Kubernetes experts that you can use to help your journey such as:

- LearnK8s
- Anais Ulrich's 100 Days of Kubernetes
- Nigel Poulton's Quick Start Kubernetes
  - CNCF Training (Free)
  - The Linux Foundation