Top 50 Kubernetes Interview Questions You Must Prepare In 2022

Last updated on Mar 26,2022   *206.3K Views*   **Share**

![Sahiti Kappagantula] **Sahiti Kappagantula**

Kubernetes has been the buzzword in today's market and is the best orchestration tool. It attracts many experienced professionals who want to advance their careers by a notch. Multinational companies such as Huwaei, Pokemon, eBay, Yahoo Japan, SAP, Open AI, Sound Cloud use Kubernetes in their day-to-day activities. But there is a lack of Kubernetes Certified professionals in the market. I believe that you already know these facts, which has made you land on this Kubernetes Interview Questions article, which will help you know the top questions asked in interviews. For further details, refer to the Kubernetes Certification.

Top Kubernetes Interview Questions

1. How is Kubernetes different from Docker Swarm?
2. What is Kubernetes?
3. How is Kubernetes related to Docker?
4. What is the difference between deploying applications on hosts and containers?
5. What is Container Orchestration?
6. What is the need for Container Orchestration?
7. What are the features of Kubernetes?
8. How does Kubernetes simplify containerized Deployment?
9. What do you know about clusters in Kubernetes?
10. What is Google Container Engine?

In this blog on Kubernetes Interview Questions, I will be discussing the top Kubernetes related questions asked in your interviews. So, for your better understanding I have divided this blog into the following 4 sections:

- Kubernetes Basic Interview Questions
- Architecture-Based Interview Questions
- Scenario-Based Interview Questions
- Multiple Choice Questions

So let's get started guys!!

Basic Kubernetes Interview Questions

This section of questions will consist of all those basic questions that you need to know related to the working of Kubernetes.

Q1. How is Kubernetes different from Docker Swarm?

| Features	Kubernetes	Docker Swarm
Installation & Cluster Config	Setup is very complicated, but once installed cluster is robust.	Installation is very simple, but the cluster is not robust.
GUI	GUI is the Kubernetes Dashboard.	There is no GUI.
Scalability	Highly scalable and scales fast.	Highly scalable and scales 5x faster than Kubernetes.
Auto-scaling	Kubernetes can do auto-scaling.	Docker swarm cannot do auto-scaling.

FREE WEBINAR
Learn How Kubernetes Deployment...

Load Balancing	Manual intervention needed for load balancing traffic between different containers and pods.	Docker swarm does auto load balancing of traffic between containers in the cluster.
Rolling Updates & Rollbacks	Can deploy rolling updates and does automatic rollbacks.	Can deploy rolling updates, but not automatic rollback.
DATA Volumes	Can share storage volumes only with the other containers in the same pod.	Can share storage volumes with any other container.
Logging & Monitoring	In-built tools for logging and monitoring.	3rd party tools like ELK stack should be used for logging and monitoring.

Q2. What is Kubernetes?
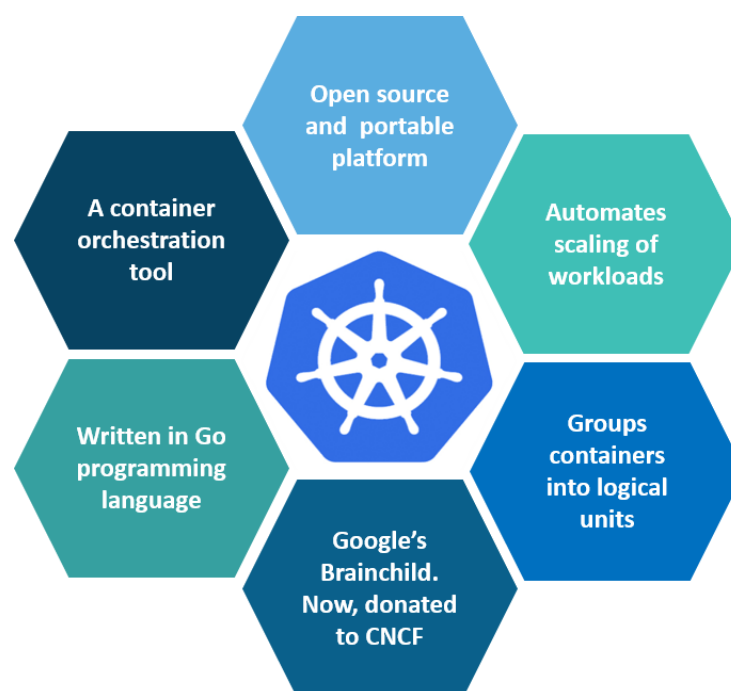
Fig 1: What is Kubernetes – Kubernetes Interview Questions

Kubernetes is an open-source container management tool that holds the responsibilities of container deployment, scaling & descaling of containers & load balancing. Being Google's brainchild, it offers excellent community and works brilliantly with all the cloud providers. So, we can say that Kubernetes is not *a containerization platform, but it is a multi-container management solution.*

Q3. How is Kubernetes related to Docker?

It's a known fact that Docker provides the lifecycle management of containers and a Docker image builds the runtime containers. But, since these individual containers have to communicate, Kubernetes is used. So, Docker builds the containers and these containers communicate with each other via Kubernetes. So, containers running on multiple hosts can be manually linked and orchestrated using Kubernetes.

Q4. What is the difference between deploying applications on hosts and containers?

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp

Linkedin

Twitter

Facebook

Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp　　　　Linkedin　　　　Twitter　　　　Facebook　　　　Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment…

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR
Learn How Kubernetes Deployment...

FREE WEBINAR

Learn How Kubernetes Deployment...

DevOps is Going to Replace SDLC! Learn Why

Watch Now

5 Best Practices In DevOps Culture

Watch Now

What is DevOps – A Beginners Guide To DevOps

Watch Now

Devops : Automate Infrastructure With

Watch Now

e!

Whatsapp

Linkedin

Twitter

Facebook

Reddit

Copy Link

What is Jenkins? | Jenkins For Continuous Integration | Edureka

Read Article

Top 15 Docker Commands – Docker Commands Tutorial

Read Article

AWS Certified DevOps Engineer : A Perfect Amalgamation

Read Article

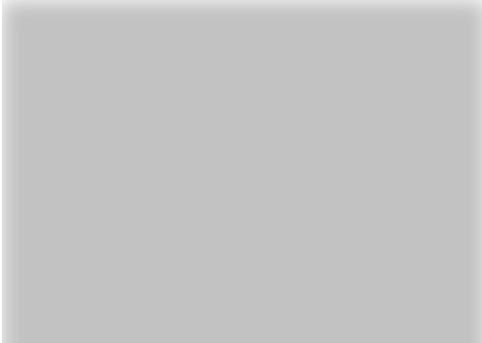### Top 50 Kubernetes I Questions You Must In 2022

Read Article

‹›
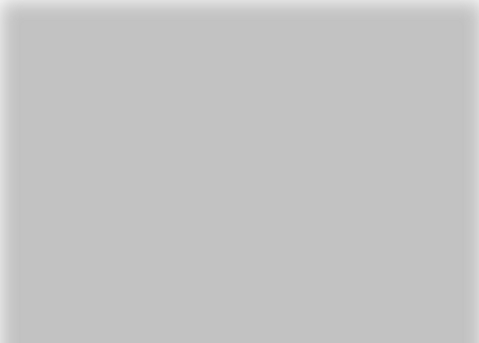
[DevOps Certification Training Course](#)

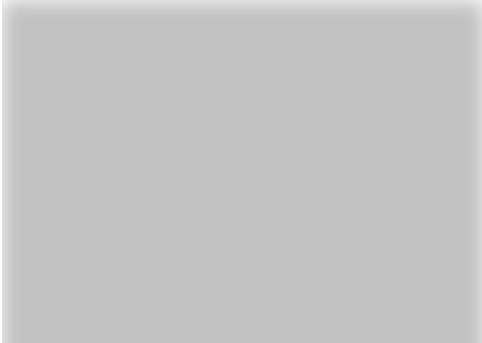👤 122k Enrolled Learners
📅 Weekend/Weekday
🎥 Live Class

Reviews

[AWS DevOps Engineer Certification Training Co ...](#)

👤 6k Enrolled Learners
📅 Weekend
🎥 Live Class

Reviews

[Kubernetes Certification Training Course: Adm ...](#)

👤 9k Enrolled Learners
📅 Weekend
🎥 Live Class

Reviews

⭐⭐⭐⭐⭐ 5 (3550)
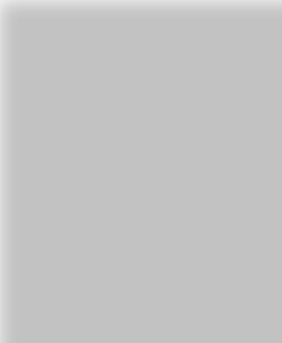
[Docker Certificati Course](#)

👤 7k Enrolled Learners
📅 Weekend
🎥 Live Class

Reviews

⭐⭐⭐⭐⭐ 5 (2550

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

‹›

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link

FREE WEBINAR

Learn How Kubernetes Deployment...

FREE WEBINAR

Learn How Kubernetes Deployment...

Top 50 Kubernetes Interview Questions You Must Prepare In 2022
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Copy Link