

# Quiz on Kubernetes Architecture

Test your knowledge of Kubernetes architecture with this quiz.

## Kubernetes Architecture

13  Where does Kubernetes store data?

Your Answer

 A) kube-apiserver

Correct Answer

 B) etcd

C) kubelet

D) None of the above

Submit Answer



Question 13 of 13  
13 attempted



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## Kubernetes Architecture

1

(Fill in the blank.) Kubernetes can be used for \_\_\_\_\_.

Your Answer

⊗ A) managing virtual machines

Correct Answer

✓ B) managing containers

C) managing Cloud APIs

D) managing operating systems

Reset Quiz ↻



Question 1 of 13  
1 attempted



Submit Answer

## Kubernetes Architecture

2

(True or False) It's suggested to run `etcd` with odd members.

Your Answer

⊗ A) False

Correct Answer

✓ B) True

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Question 2 of 13  
2 attempted



Submit Answer

## Kubernetes Architecture

3

(True or False) The `kube-apiserver` is stateless.

Your Answer

⊗ A) False

Correct Answer

✓ B) True

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Question 3 of 13  
3 attempted



Submit Answer

4

(Select all that apply.) Which actions does the `kube-apiserver` perform on every request?

Selected Option

☒ A) Authentication

Not Selected

☒ B) Authorization

Not Selected

☒ C) Admission control

Not Selected

☒ D) Resource validation

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Question 4 of 13  
4 attempted



Submit Answer

## Kubernetes Architecture

5

Which component can communicate with `etcd` in a Kubernetes cluster?

Your Answer

✓ A) `kube-apiserver`

B) `kube-scheduler`

C) `kube-controller-manager`

D) `kubelet`

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Question 5 of 13  
5 attempted



Submit Answer

## Kubernetes Architecture

6

Which method can be used for authentication in Kubernetes?

Your Answer

⊗ A) Bootstrap tokens

B) x509 certificates

C) ServiceAccount

Correct Answer

✓ D) All of the above

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Question 6 of 13  
6 attempted



Submit Answer

## Kubernetes Architecture

7

Which component is responsible for converging the actual state with the desired state?

Your Answer

☒ A) kube-apiserver

B) kube-scheduler

Correct Answer

☒ C) kube-controller-manager

D) kubelet

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Question 7 of 13  
7 attempted



Submit Answer

## Kubernetes Architecture

8

**(True or False)** Running on NodeA, kubelet can manage containers running on NodeB.

Your Answer

☒ A) True

B) False

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Question 8 of 13  
8 attempted



Submit Answer

## Kubernetes Architecture

9

Which object(s) will the `kube-proxy` gather information from?

Your Answer

☒ A) `Services`

☐ B) `Endpoints`

☐ C) `EndpointSlices`

Correct Answer

☒ D) All of the above

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Question 9 of 13  
9 attempted



Submit Answer



## Kubernetes Architecture

10

Which keyword is used to get notified of changes in Kubernetes?

Your Answer

⊗ A) GET

B) LIST

Correct Answer

✓ C) WATCH

D) POST

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Question 10 of 13  
10 attempted



Submit Answer

## Kubernetes Architecture

11

What is the smallest deployable unit in Kubernetes?

Your Answer

⊗ A) Deployment

B) Service

Correct Answer

✓ C) Pod

D) Node

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Question 11 of 13  
11 attempted



Submit Answer

## Kubernetes Architecture

12

**(True or False)** With `kubeadm`, we have complete control over Kubernetes versions and limited options to customize.

Your Answer

⊗ A) True

Correct Answer

✓ B) False

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Question 12 of 13  
12 attempted



Submit Answer

## Kubernetes Architecture

13

Where does Kubernetes store data?

Your Answer

⊗ A) `kube-apiserver`

Correct Answer

✓ B) `etcd`

C) `kubelet`

D) None of the above

Reset Quiz ↻



Question 13 of 13  
13 attempted



Submit Answer