



# KCNA<sup>Q&As</sup>

Kubernetes and Cloud Native Associate (KCNA)

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## QUESTION 1

What command can you use to get documentation about a resource type from the command line?

- A. `kubectl api-resources`
- B. `kubectl explain`
- C. `kubectl get`
- D. `kubeadm get-resource`

Correct Answer: B

Explanation: <https://kubernetes.io/docs/reference/generated/kubectl/kubectl-commands#explain>

## explain

Get the documentation of the resource and its fields

```
kubectl explain pods
```

Get the documentation of a specific field of a resource

```
kubectl explain pods.spec.containers
```

List the fields for supported resources.

This command describes the fields associated with each supported API resource. Fields are identified via a simple JSONPath identifier:

```
<type>.<fieldName>[.<fieldName>]
```

Add the `--recursive` flag to display all of the fields at once without descriptions. Information about each field is retrieved from the server in OpenAPI format.

Use "kubectl api-resources" for a complete list of supported resources.

## Usage

```
$ kubectl explain RESOURCE
```



### QUESTION 2

What is not semantic versioning?

- A. 1.0.0
- B. 2022-05-04
- C. 1.0.0-alpha
- D. 1.0.0-beta.2

Correct Answer: B

Explanation: <https://semver.org/RegEx SemVer> at <https://regex101.com/r/vkijKf/1/>

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### QUESTION 3

The 4C\\'s of Cloud Native security

- A. Chroot, Compute, Cluster and Container
- B. Cluster, Cloud, Compute, and Containers
- C. Code, Containers, Compute, and Cloud
- D. Cloud, Clusters, Containers, and Code

Correct Answer: D

Explanation: <https://kubernetes.io/docs/concepts/security/overview/>

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### QUESTION 4

Which of the following is an advantage a cloud-native microservices application has over monolithic applications?

- A. Cloud-native microservices applications tend to be faster and more responsive than monolithic applications.
- B. Cloud-native microservice applications tend to be easier to troubleshoot.
- C. Cloud-native microservice applications tend to be easier to scale and perform updates on.

Correct Answer: C

Explanation: Cloud-native applications tend to be microservice base, they have individual services that can be independently scaled, updated and rolled back. This makes scaling and update operations simpler and less risky.

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### QUESTION 5



Which of the following is not a stop on the cloud native trailmap?

- A. Microservices
- B. CI/CD
- C. Containerization
- D. Software distribution

Correct Answer: A

Explanation: <https://github.com/cncf/landscape#trail-map>

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