

1. Which attribute provides a way to divide cluster resources between multiple teams?

- A. Name
- B. Label
- C. Namespace
- D. Annotation

2. Which statement describes a Kubernetes Service?

- A. A feature that communicates all the IP addresses of the Pods so they can be identified.
- B. An abstraction which defines a logical set of Pods and a policy by which to access them.
- C. A feature set within Kubernetes that facilitates the orchestration and monitoring activities.
- D. The mechanism that facilitates the communication and load balancing of pods across the proxy.

3. What happens if a PersistentVolumeClaim (PVC) is larger than the currently available storage in the cluster?

- A. It will fail with an error
- B. It will remain unbound until storage is available
- C. It will shrink the PVC to use 100% of the available storage
- D. It will use all currently available storage and expand as additional storage becomes available

4. In order to use the Helm CLI with IBM Cloud Private (ICP), what are two CLI tools that must also be installed?

- A. etcdctl
- B. calicoctl
- C. kubectl
- D. ICP command line
- E. Docker command line

5. What is the purpose of the Envoy Proxy within the Istio service mesh?
- A. It performs service discovery mesh
 - B. It provides auto-injection for network services
 - C. It mediates all inbound and outbound network traffic for the service mesh
 - D. It validates user authored Istio API configuration on behalf of the the control plane
6. How many permanent failures can a seven master node cluster tolerate?
- A. Six
 - B. Five
 - C. Four
 - D. Three
7. Which statement about Scaling Policies is true when running IBM Cloud Private in a mixed platform cluster?
- A. Scaling Policies only apply to Pods that run on Linux on Intel (x86_64) or Linux on Power (ppc64le).
 - B. When scaling policies are enforced, the new pods will only run on the same worker node of an existing pod.
 - C. There are special Z versions of Scaling Policies that make use of the additional hardware capabilities of the IBM Z (z390x) hardware.
 - D. Scaling Policies only make decisions about how many replicas of a Pod should be running, they are not aware of the hardware technology required to support the Pod.
8. When creating a new container the following error is observed:

```
Error from server (Forbidden): error when creating
"test/testB.yaml":
pods "testB" is forbidden: exceeded quota: cpu-
memtest,requested: requests.memory=700Mi,used:
requests.memory=600Mi, limited: requests.memory=1Gi
```

What can be done to create the container?

- A. Increase MemoryQuota request limit

- B. Increase ResourceQuota request limit
 - C. Add additional memory to the cluster
 - D. Increase the QuotaRequests memory limit
9. What is the minimum WAS installation version for the Data Collector to collect configuration information?
- A. 7
 - B. 8
 - C. 5
 - D. 6
10. What are two IBM Cloud Private objects that Vulnerability Advisor can scan?
- A. Pods
 - B. Images
 - C. Containers
 - D. Namespaces
 - E. Persistent volumes

Answer Key below...

Answer Key:

1. C
2. B
3. B
4. C & D
5. C
6. D
7. D
8. B
9. A
10. B & C