# DUMPSBOSS.COM

# Professional VMware Application Modernization

VMware 2V0-71.21

Version Demo

Total Demo Questions: 10

Total Premium Questions: 55

Buy Premium PDF

https://dumpsboss.com

support@dumpsboss.com

dumpsboss.com

## QUESTION NO: 1

Under Menu, which section to enable Tanzu Kubernetes Cluster in VMware vSphere for Tanzu on vSphere Client?

**A.** VMs and Templates

**B.** Hosts and Cluster

**C.** Workload Management

**D.** Content Libraries

## ANSWER: C

**Explanation:**

Reference: https://docs.vmware.com/en/VMware-vSphere/7.0/rn/vsphere-esxi-vcenter-server-7-vsphere-with-tanzu-release-notes.html

## QUESTION NO: 2

Refer to the exhibit.

```
File: nginx-service.yaml

1    apiVersion: v1
2    kind: Service
3    metadata:
4      labels:
5        app: nginx
6        name: nginx
7        namespace: default
8    spec:
9      ports:
10     - port: 80
11       protocol: TCP
12       targetPort: 80
13     selector:
14       app: nginx
15 ~   type: ClusterIP
```

Which two options can be modified in order to expose nginx app using Ingress Controller? (Choose two.)

**A.** Change type to IngressController

**B.** Change type to LoadBalancer

**C.** Change type to NodePort

**D.** Change type to HostPort

**E.** Change type to AntreaCni

**ANSWER: A D**

**QUESTION NO: 3**

Which option provides a configuration blueprint to deploy Tanzu Kubernetes clusters?

**A.** Tanzu Kubernetes Cluster Spec

**B.** Tanzu Kubernetes Grid Installer

**C.** Tanzu ClusterAPI Provider

**D.** Tanzu Kubernetes Cluster Plan

**ANSWER: D**

**Explanation:**

Reference: https://docs.vmware.com/en/VMware-Tanzu-Kubernetes-Grid/1.4/vmware-tanzu-kubernetes-grid-14/GUID-tkg-concepts.html
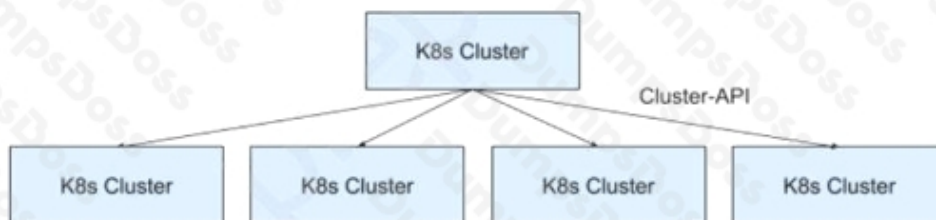
## QUESTION NO: 4

What are two ClusterAPI providers being used in Tanzu Kubernetes Grid? (Choose two.)

**A.** CAPZ

**B.** CAPA

**C.** CAP

**D.** CAPW

**E.** CAPV

**ANSWER: A B**

**Explanation:**

Reference: https://tanzu.vmware.com/content/blog/taking-kubernetes-to-the-people-how-cluster-api-promotes-self-service-infrastructure

Two **key goals of Cluster API** are to manage the full lifecycle of a Kubernetes cluster, including scaling up and scaling down the cluster, and to give infrastructure providers a common framework to build against so that everyone can have a common workflow irrespective of where they intend to consume CPUs, memory, or network resources. That's easier said than done, of course, so here comes the first thing to get your head around—with Cluster API, Kubernetes clusters are provisioned, scaled, and de-provisioned by an external Kubernetes cluster. It is, in effect, turtles all the way down.

## QUESTION NO: 5

Which component can intercept requests to the Kubernetes API?

**A.** Network Policy

**B.** RBAC Authorization

**C.** Pod Security Policies

**D.** Admission Controllers

## ANSWER: D

**Explanation:**

Reference: https://kubernetes.io/docs/reference/access-authn-authz/admission-controllers/

## QUESTION NO: 6

Which tool is required to install extensions in Tanzu Kubernetes Grid clusters?

**A.** k9s

**B.** kubectx

**C.** knative

**D.** ytt

## ANSWER: D

**Explanation:**

Reference: https://docs.vmware.com/en/VMware-Tanzu-Kubernetes-Grid/1.2/vmware-tanzu-kubernetes-grid-12/GUID-extensions-index.html

## QUESTION NO: 7

To configure a cluster with user authentication in Tanzu Kubernetes Grid (TKG), which options are needed to deploy Dex on a management cluster running on vSphere? (Choose two.)

**A.** Dex with Local Authentication

**B.** Dex with Active Directory

**C.** Dex with OpenLDAP

**D.** Dex with OIDC

**E.** Dex with LDAP

---

**ANSWER: D E**

**Explanation:**

Reference: https://docs.vmware.com/en/VMware-Tanzu-Kubernetes-Grid/1.2/vmware-tanzu-kubernetes-grid-12/GUID-extensions-deploy-auth-cluster.html

Procedure

This procedure applies to deploying authentication-enabled Tanzu Kubernetes clusters to management clusters that are running on vSphere, Amazon EC2, or Azure.

1. Make sure that `kubectl` is still set to the context of the management cluster on which you deployed Dex.

   ```
   kubectl config use-context auth-mgmt-cluster-admin@auth-mgmt-cluster
   ```

2. Set one of the following environment variables, depending on whether your management cluster is running on vSphere, Amazon EC2 or Azure.

   On Windows platforms, use the `SET` command instead of `export`.

   **vSphere:**

   ```
   export OIDC_ISSUER_URL=https://<MGMT_CLUSTER_IP>:30167
   ```

---

## QUESTION NO: 8

What is the default authentication implemented in Tanzu Kubernetes Grid?

**A.** Keycloak

**B.** Vault

**C.** Dex & Gangway

**D.** kube-oidc-proxy

---

**ANSWER: B**

**Explanation:**

Reference: https://www.vaultproject.io/docs/auth/kubernetes

## Via the CLI

The default path is `/kubernetes`. If this auth method was enabled at a different path, specify `-path=/my-path` in the CLI.

```
$ vault write auth/kubernetes/login role=demo jwt=...                    Copy
```

## Via the API

The default endpoint is `auth/kubernetes/login`. If this auth method was enabled at a different path, use that value instead of `kubernetes`.

## QUESTION NO: 9

Which two options are supported use of Content Library in VMware vSphere with Tanzu? (Choose two.)

**A.** Subscribed Content Library requires internet connectivity

**B.** Local Content Library for Air-Gapped Deployment

**C.** Subscribed Content Library for Air-Gapped Deployment

**D.** Download manually via Content Library

**E.** Local Content Library requires internet connectivity

## ANSWER: B D

**Explanation:**

Reference: https://docs.vmware.com/en/VMware-vSphere/7.0/vmware-vsphere-with-tanzu/GUID-E8C37D8A-E261-44F0-9947-45ABAB526CF3.html

## QUESTION NO: 10

Which two roles are required to attach clusters in Tanzu Mission Control? (Choose two.)

**A.** cluster.attach.admin

**B.** clustergroup.attach.admin

**C.** clustergroup.edit

**D.** clusters.admin

**E.** cluster.admin

---

**ANSWER: C E**

**Explanation:**

Reference: https://docs.vmware.com/en/VMware-Tanzu-Mission-Control/services/tanzumc-using.pdf