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**Vmware** 



Associate VMware Application Modernization (VCTA-AM)



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#### **Question: 10**

What are three capabilities of VMware Tanzu Observability? (Choose three.)

A. Full-Stack Troubleshooting
B. Smart alerting
C. Multi-Cluster Networking
D. Multi-source Log Sink Agent
E. Runtime Cost Analysis
F. Analytics-Driven custom metrics

#### Answer: A,B,F

Explanation:

Reference:

https://tanzu.vmware.com/content/vmware-tanzu-observability-features

https://tanzu.vmware.com/content/blog/byo-spring-boot-apps-tanzu-observability-for-free-no-sign-up-needed

#### **Question: 11**

What is a defining characteristic of a Microservice?

- A. An architectural pattern that encapsulates a specific business capability.
- B. A failover mechanism for legacy applications.
- C. A new technology to handle API management.
- D. Software for automation of container orchestration.

#### Answer: A

Explanation:

Reference: https://tanzu.vmware.com/microservices

# **Question: 12**

What is Antrea?

A. A Kubernetes networking solution based on Open vSwitch

- B. A Kubernetes networking solution based on eBPF
- C. A Kubernetes networking solution based on OpenStack Neutron

D. A Kubernetes networking solution based on BGP

# Answer: A

Explanation:

Reference: https://reposhub.com/go/network/vmware-tanzu-antrea.html

# **Question: 13**

Which state is invalid in a Podâs lifecycle?

A. Failed

B. Running

C. Succeeded

D. Setup

E. Pending

# Answer: D

Explanation:

Reference: https://kubernetes.io/docs/concepts/workloads/pods/pod-lifecycle/

# Question: 14

Why do enterprises need Application Modernization?

A. To build new applications is the only way to achieve a modern application

B. To realize the benefits of unstructured data over relational databases

C. The cost of maintaining older applications are too great

D. To migrate all applications to the cloud

# Answer: C

Explanation:

Reference: https://www.anblicks.com/blog/key-benefits-of-application-modernization/

# Question: 15

What three open source projects are included in Tanzu Kubernetes Grid? (Choose three.)

- A. Contour
- B. Vitess
- C. Ansible
- D. Harbor
- E. Crossplane

F. Velero

# Answer: A,D,F

Explanation:

Reference: https://docs.vmware.com/en/VMware-Tanzu-Toolkit-for-Kubernetes/index.html

## **Question: 16**

What is the purpose of a container?

A. Make it difficult to change the environment that an application runs on

- B. Abstract a running application from the environment that it runs on
- C. Make it easy to change the runtime that an application uses
- D. Allow a complex application to run as a single unit

### Answer: D

Explanation:

Reference: https://www.cio.com/article/2924995/what-are-containers-and-why-do-you-need-them.html

# **Question: 17**

What is the relationship between Kubernetes and containers?

- A. There is no relationship between Kubernetes and containers
- B. Kubernetes provides a platform for managing containerized workloads
- C. Kubernetes is a place where you store container images
- D. Kubernetes provides a way to build containers

# Answer: B

Explanation:

Reference: https://www.stackchief.com/tutorials/What%20is%20Kubernetes%3F%20%7C%20Kubernetes%20Tutorial

# **Question: 18**

If a Kubernetes Pod cannot be scheduled, where can the reason be found?

- A. Pod Spec
- B. Event
- C. Container logs
- D. Pod Status

### Answer: B

#### Explanation:

Reference: https://www.datadoghq.com/blog/debug-kubernetes-pending-pods/

# **Question: 19**

List three benefits of Tanzu Mission Control: (Choose three.)

A. Converts your Kubernetes Clusters to ClusterAPI Mode

- B. Enhances operational efficiency
- C. Strengthens security and compliance
- D. Provides CI/CD Pipeline Automation
- E. Increases developer agility and productivity

### Answer: A,B,C,E

Explanation:

Reference: https://tanzu.vmware.com/mission-control

## **Question: 20**

What are two goals of Kubernetes in regards to containers? (Choose two.)

- A. To provide middleware application-level services
- B. To automate container lifecycle management
- C. To describe the desired state for deployed containers
- D. To deploy source code and build applications

# Answer: A,B,C

Explanation:

Reference: https://kubernetes.io/docs/concepts/overview/what-is-kubernetes/



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