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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 Pod's 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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