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ACA Cloud Native Certification Exam

Alibaba Cloud ACA-CloudNative

Version Demo

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QUESTION NO: 1

How Alibaba Cloud accelerate AI/ML on ACK?

- A. Composable workflow, support continuous training pipelines,
- B. Scale out training out to hundreds of nodes
- C. Support heterogeneous resources management, such as GPU, FPGA, RDMA.
- D. All resources are free

ANSWER: A B C

QUESTION NO: 2

Which team will be responsible for deploying new features every release to Cloud Infrastructure in Cloud Native era? (The number of correct answer: 2)

- A. DevOps
- B. SRE
- C. Developer
- D. QA
- E. Scrum Master

ANSWER: A B

QUESTION NO: 3

What is the complete parts of Twelve Factor Applications as Guidance to create microservice architecture?

- A. Code Repository, Build + Unit Test+Code Quality, Test Script,Test Suite, Provisioning to Containers, deploy as Microservices
- B. Requirement Gathering and analysis, System Design, Implementation, Integration and Testing, Deployment of system, Maintenance
- C. Design Thinking, Backlog, User Story Mapping, Epic, List of Microservices

D. Codebase; Dependencies; Configuration; Backing Service; Build, Release & Run; Processes; Port Binding; Concurrency; Disposability; Dev/Prod Parity; Logs; Admin Processes

E. Source Code management, Jenkins, Docker, Ansible, Teraform

ANSWER: D

QUESTION NO: 4

Which methods can be used to replicate images from other registries? (Number of correct answers: 2)

Score 2

- A. Image-sync tool for Registry v2 based services
- B. Import images based on a storage endpoint
- C. P2P based large scale image distribution
- D. Policy based global distribution

ANSWER: A B

QUESTION NO: 5

Which of the following options are correct, regarding Alibaba Cloud cloud-native security?

(Number of correct answers: 5)

Score 2

- A. Alibaba Cloud provides 3 levels of security: Infrastructure, Software supply chain, and Runtime Security
- B. At the Infrastructure layer, Alibaba Cloud Container Service for Kubernetes (ACK) integrates RAM to achieve authN (Authentication) and RBAC authZ (Authorization)
- C. For Software Supply Chain, Alibaba Cloud provides Image Signing and Image Scanning to make docker images are secure
- D. Fur Runtime Security, ACK provides network policy based on Flannel and Terway networks
- E. Security Center can defend application runtimes on ACK, and it also can detect attacks within ACK.

F. ACK supports Sandboxed containers, which provide an independent kernel to enable enhanced security isolation

ANSWER: A B C D F

QUESTION NO: 6

CronHPA was developed by Alibaba Cloud.

Score 2

- A. True
- B. False

ANSWER: A

QUESTION NO: 7

Alibaba Cloud Container Service for Kubernetes (ACK) can register Kubernetes clusters running on-premise or on other cloud platforms.

Score 2

- A. True
- B. False

ANSWER: A

QUESTION NO: 8

When the asynchronous messages produced by one producer should go to more than one consumer, what tools we should use?

- A. Apache Tomcat
- B. Apache Maven
- C. Apache Kafka
- D. MySQL Server

E. CDN

ANSWER: C

QUESTION NO: 9

Why is an RDMA network advantageous for machine learning tasks?

Score 2

- A. Because it will accelerate the speed of communication between each node
- B. Because it will improve the performance of an ML job
- C. Because it will save costs

ANSWER: A

QUESTION NO: 10

Which of the following options are correct regarding scale out in Hybrid-Cloud scenarios?

(Number of correct answers: 3)

Score 2

- A. Pods can be scaled out to Alibaba Serverless Kubernetes (ASK)
- B. Pods can be scaled out to a Virtual Node
- C. Pods can be scaled out to normal worker nodes such as ECS
- D. Pods can be scaled out to special scaling-groups

ANSWER: A B C