Vendor: Huawei

Exam Code: H13-821_V3.0

Exam Name: HCIP-Cloud Service Solutions Architect v3.0

Version: DEMO

QUESTION 1
Among the campus solutions of the intelligent edge platform IEF, which one does not belong to the scope of IEF for distribution and management?

A. Third-Party Edge Applications
B. Third-party hardware gateway
C. Edge AI algorithm
D. Edge IoT

Answer: B

QUESTION 2
In the Kubernetes cluster, Ingress provides an externally accessible URL for the Service and routes access traffic to the backend Service.
Which of the following statements about Ingress is correct?

A. Because Ingress can expose ports or protocols, it is more convenient to access than Service and Ingress
B. If you need to use the Ingress function, you must first install the Ingress Controller on the Kubernetes cluster
C. You can set an external domain name in the Service, and then access the Ingress through the domain name, and then access the back-end service
D. Ingress is a containerized object that manages external access to services in the cluster. The typical access method is SSH

Answer: B

QUESTION 3
An Internet company creates a Linux system disk image through external image files. Which of the following descriptions about creating a system disk image is correct?

A. Upload image file -> register image -> prepare image file -> use image to create cloud server
B. Prepare image file -> upload image file -> register image -> use image to create cloud server
C. Register image -> upload image file -> prepare image file -> use image to create cloud server
D. Prepare image file -> register image -> upload image file -> use image to create cloud server

Answer: B

QUESTION 4
Which of the following does not belong to the ECS specification type?

A. Memory optimized
B. Customized performance type
C. CPU accelerated type
D. High performance computing

Answer: B

QUESTION 5

Users can deploy various services through the elastic cloud server ECS according to their needs, but it does not mean that they can use the cloud server to perform any operations. Which of the following descriptions about the use of elastic cloud servers is correct?

A. Build a crawler environment on the elastic cloud server to collect various data
B. Use the elastic cloud server to launch a network attack on the external system to test the stability of the system
C. Use elastic cloud servers to build services such as private servers or unaudited cross-border VPNs
D. To meet new business requirements, switch the operating system of the elastic server

Answer: D

QUESTION 6
Cloud native 2.0 is a new stage of enterprise intelligence upgrade. Enterprise cloudification has moved from "ON Loud" to "IN Cud", becoming a "new cloud native enterprise". Which of the following descriptions about cloud native 2.0 is wrong?

A. The enterprise's new business capabilities are built on the basis of cloud native, making it born in the cloud
B. Existing capabilities are inherited in an unbreakable way and organically synergized with new capabilities
C. The full life cycle of applications, data and AI is completed on the cloud, making it longer than the cloud
D. Using cloud container services to provide services belongs to cloud native 2.0

Answer: D

QUESTION 7
Cloud hard disk EVS can provide cloud servers with highly reliable, high-performance, rich specifications and elastically expandable block storage services, which can meet the business needs of different scenarios. According to different performances, it can be divided into: ultra-fast SSD, ultra-high Type 10, General Purpose SSD and High Type 10.
An existing Internet start-up company deploys its business on a cloud server. In order to complete the daily development and testing of the business, which of the following specifications of the cloud hard disk is the cheapest?

A. Ultra-high IO cloud hard disk
B. High IO cloud hard disk
C. Extremely fast SSD cloud hard disk
D. Universal SSD Cloud Disk

Answer: B

QUESTION 8
Which of the following descriptions about bare metal server BMS is wrong?

A. Bare metal servers and virtual machines have virtualization overhead, resulting in a certain loss of computing performance
B. Bare metal servers are dedicated computing resources for users, and support VPC and security group isolation

C. Bare metal servers are currently divided into two types according to the CPU architecture: x86 instances and Kunpeng instances
D. The billing mode of BMS is yearly and monthly, and does not support pay-as-you-go

Answer: A

QUESTION 9
An Internet company uses Huawei Cloud to deploy its business. The operation and maintenance personnel found that the weekly traffic peak basically occurs on Friday night, which is about 30% to 40% higher than usual, resulting in slow business response. The company decided to purchase new resources (cloud services such as AS+ECS) on Huawei Cloud to solve this problem. Considering factors such as cost, which of the following payment methods is the most appropriate when choosing an elastic cloud server?

A. Annual subscription
B. on demand
C. Monthly subscription
D. bidding

Answer: B

QUESTION 10
HUAWEI CLOUD provides public network NAT gateway service and private network NAT gateway service.
When using the public network NAT gateway, you need to pay attention to its constraints and limitations. In the following description of the precautions for the public network NAT gateway, which one is wrong?

A. Only one SNAT rule can be added to each subnet in the VPC
B. When the cloud host is configured with the elastic public network IP service and the public network NAT gateway service at the same time, the data is forwarded through the public network NAT gateway
C. A VPC supports associating multiple public network NAT gateways
D. A port of a cloud host corresponds to a DNAT rule, and a port can only be mapped to one EIP. It cannot be mapped to multiple EIPs

Answer: C

QUESTION 11
Which of the following descriptions about various network cloud services is wrong?

A. The NAT gateway is the window between the VPC, the Internet, and the private network, and supports cross-subnet deployment and cross-AZ deployment.
B. VPC Endpoint can enable connections between different VPCs, enabling cross-VPC service access
C. Cloud resolution service DNS allows services in the cloud to access the public network
D. Elastic public network IP supports binding with NAT gateway

Answer: C

QUESTION 12
Compared with traditional self-built databases, which of the following descriptions about the advantages of cloud database RDS is wrong?

A. Support automatic backup, manual backup, custom backup storage cycle
B. Convenient management, the console provides comprehensive monitoring, easy to use, visual and controllable
C. Stable and reliable, if there is a problem with the backup node, the node can be automatically switched quickly
D. Elastic scaling, dynamically adjust required resources according to business conditions, and pay on demand

Answer: B

QUESTION 13
There are many types of data in the Internet of Vehicles scenario, some of which are time-related and have a very large amount of data, such as motion track records, battery data, monitoring data, etc. Which of the following types of data services is recommended?

A. Time series database
B. Cloud database
C. Distributed database middleware
D. Document database

Answer: A

QUESTION 14
Kubernetes uses readiness probes to determine whether a container is ready to accept traffic. Which of the following descriptions about readiness probes is wrong?

A. The function of the readiness probe is similar to that of the survival probe. Generally, configuring one in the cluster can meet the requirements. Only in medium/large-scale environments, they will be used together.
B. Only after detecting that the Pod is ready will the Service be allowed to transfer the request to the Pod
C. The readiness probe supports three detection mechanisms, namely Exec, HTTP GET and TCP Socket
D. The readiness probe periodically detects the Pod and judges whether the Pod is ready based on the response

Answer: A

QUESTION 15
During the experimental operation, engineer Xiao Li found that the files written after the container was running had disappeared after the container was restarted. After checking the running status of the container, no abnormal error was found.
Which of the following causes is the most likely?

A. No persistent storage is mounted for the container
B. The local storage space of the container image is full

C. The Kubernetes cluster is abnormal
D. There is a problem with the file system in the container

Answer: A

QUESTION 16
Which of the following descriptions about the microservice architecture is wrong?

A. Advocate dividing a single application program into smaller service units by function, and using a general lightweight mechanism for communication between services
B. Can flexibly use different tools to deal with suitable scenarios
C. The microservice architecture is upgraded and released on a yearly and monthly basis, which is longer than the release cycle of the SOA architecture
D. Frequent communication between business modules of the microservice architecture requires high network stability

Answer: A

QUESTION 17
Regarding the description of Huawei Cloud Application Service Grid ASM, which of the following statements is wrong?

A. Provide integrated solutions for traditional microservice SDKs such as Spring Cloud and Dubbo
B. Cloud application service grid development framework is not limited to language
C. Ability to provide container-based gray scale publishing and traffic management
D. It is necessary to integrate the Istio Community Edition SDK to realize application access

Answer: D

QUESTION 18
In response to the various management needs of cloud operation and maintenance, HUAWEI CLOUD has launched a three-dimensional operation and maintenance solution to perform multi-dimensional monitoring of cloud services in real time. Through application and resource alarm association, log analysis, distributed call tracking and other technologies, the rapid diagnosis and repair of minute-level problems can be realized to ensure the long-term stable operation of applications. Which of the following options does not belong to Huawei's three-dimensional operation and maintenance service?

A. Cloud Audit Service CTS
B. Database Security Service DBSS
C. Application performance management service APM
D. Application operation and maintenance management AOM

Answer: A

QUESTION 19
Drag and Drop Question

HUAWEI CLOUD MapReduce Service MRS can support massive data analysis of weather data in the environmental protection industry. Please connect the components shown in the figure

below with their corresponding functions.

Hive	Filesystem sled for batch analysis
OBS	Enable low-cost storage
HOPS	Realize TB/PB-level data analysis
Loader	Visual data import and export

Answer:

HOPS

OBS

Hive

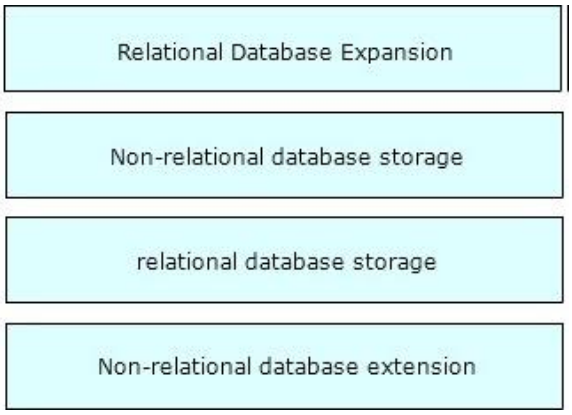
Loader

QUESTION 20
Drag and Drop Question

Compared with non-relational data, relational databases complete the matching of the following options from the perspective of storage and expansion.

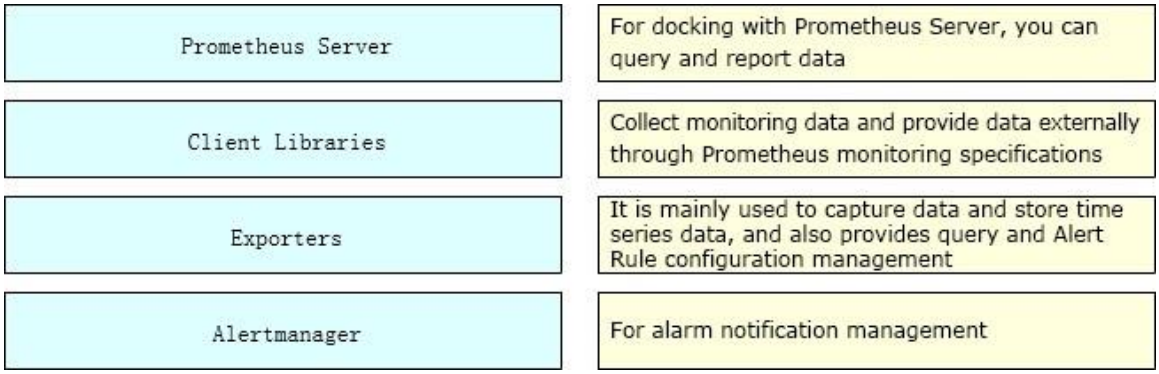
Relational Database Expansion	Adopt vertical expansion, increase processing power, increase processing power by increasing computer performance
relational database storage	Most of them are stored in the form of key-value, such as NoSQL
Non-relational database storage	Stored in the form of a database table
Non-relational database extension	Through horizontal expansion, non-relational databases are naturally distributed, so load balancing can be achieved through clusters

Answer:

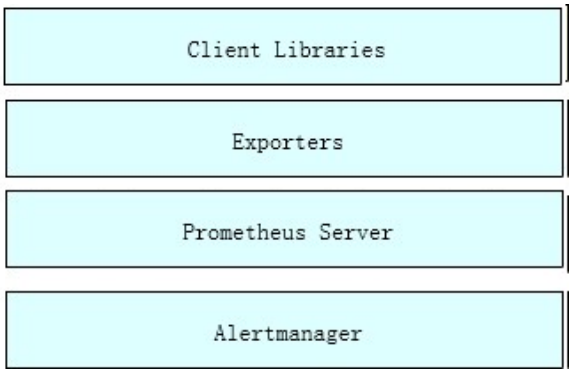


QUESTION 21
Drag and Drop Question

Prometheus is an open source monitoring tool, which is very suitable for monitoring microservices and containers. Please match the following group names with functional characteristics.



Answer:



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