C1000-083

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Exam A

QUESTION 1
IBM Cloud Paks are optimized for productivity and performance on which platform?

A. Google App Engine
B. Red Hat OpenShift

C. Azure
D. Amazon Web Services

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/cloud-pak-for-applications/pricing#:~:text=Capabilities%20from%20IBM%20Cloud%20Pak,OpenShift%20on%20IBM%20Cloud®.

QUESTION 2
A customer has decided that they want to deploy their application in the cloud using Red Hat OpenShift. They want isolated compute resources and by the hour billing. Which machine type should they choose?

A. Virtual Dedicated
B. Virtual Shared
C. Bring Your Own Server
D. Bare Metal

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/blog/announcements/run-workloads-by-the-hour-with-red-hat-openshift-on-ibm-cloud

QUESTION 3
What are two practices for the IBM Garage Method for Cloud? (Choose two.)

A. Discover
B. Think
C. Advise
D. Innovate
E. Manage

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/architecture/files/ibm-garage-method-for-cloud-field-guide.pdf

QUESTION 4
What statement is true regarding a Cloud Native application?

A. Cloud Native Application leverage the advantages of continuous integration and continuous delivery (CI/CD)
B. Cloud Native Applications are developed to only work with a single data source
C. Cloud Native Applications are delivered over the intranet
D. Cloud Native Application require integration with back-office Systems of Record (SoR)

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/learn/cloud-native

QUESTION 5
Which automated agent-based backup system is available in IBM Cloud?

A. SolarWinds Cloud-First Backup
B. Arcserve UDP
C. IBM Cloud Backup
D. Tivoli Storage Manager
Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/backup#:~:text=IBM%20Cloud%20Backup%20is%20a,IBM%20Cloud%20data%20centers%2C%20worldwide.

QUESTION 6
A client is concerned about moving workloads into IBM Cloud since they are used to having dedicated firewalls in their data center. How can IBM Cloud satisfy the clients concerns?

A. NOKIA Firewall1 Appliance (Dedicated)
B. CISCO AXA Appliance (Dedicated)
C. Hardware Firewall (Dedicated)
D. IBM SecureWay Appliance (Dedicated)

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
Which additional benefit comes with premium support?

A. 24 × 7 Support
B. Dedicated IBM L2 or L3 resource
C. Support for mission-critical applications
D. Assigned Technical Account Manager

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cloud.ibm.com/docs/get-support?topic=get-support-support-plans

QUESTION 8
In IBM Cloud what can be used to create a multi-cloud connectivity in a single environment?

A. Cloud Internet Service
B. Cloud Pak for Interconnect Service
C. Direct Link Exchange on Classic
D. Express Route Interconnect

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
What is one reason to choose a Single Cloud Environment over a Multicloud Environment?

A. The shared security responsibilities between the Cloud provider and the Cloud consumer is easier to define in a Single Cloud Environment
B. Vendor lock-in policies are negotiable
C. A Single Cloud Environment is always more cost effective in comparison to Multicloud
D. The risk of vendor lock in is reduced with a Single Cloud Environment

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.stratoscale.com/blog/it-leadership/cloud-clouds-choose-single-multi-cloud-approach/

QUESTION 10
What is an Availability Zone?

A. A Kubernetes feature that deploys worker nodes into a virtual private cloud

B. A networking service that offers accelerated cross-region performance and increased throughput

C. An independent fault domain designed to improve fault tolerance and decrease latency

D. An ISO requirement for multi-tenant cloud environments

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cloud.ibm.com/docs/Cloudant?topic=Cloudant-faq-availability-zones#:~:text=An%20availability%20zone%20is%20an,most%20IBM%20data%20center%20locations.

QUESTION 11
What is IBM Cloud Hyper Protect Crypto Services?

A. A FIPS 140-2 Level 4 certified Virtual Private Network

B. A service that supports user authentication and user profiles for web applications

C. A Web Application Firewall providing Denial-of-Service protections and Transport Layer Security

D. A dedicated key management service and hardware security module

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cloud.ibm.com/docs/hs-crypto?topic=hs-crypto-get-started#:~:text=based%20on%20IBM%20Cloud.&text=IBM%20Cloud®%20Hyper%20Protect%20Crypto%20Services%2C%20built%20on%20FIPS,and%20to%20perform%20cryptographic%20operations.

QUESTION 12
What open-source system monitoring and alerting toolkit can be used in IBM Cloud Foundry Enterprise Environment?

A. Kubernetes

B. Sysdig

C. Prometheus

D. Nagios

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cloud.ibm.com/docs/cloud-foundry?topic=cloud-foundry-monitoring

QUESTION 13
Which statement about hybrid multicloud is true?
A. It is only used to run sensitive, highly regulated, and mission-critical applications and workloads
B. Management can be done on or off-premises and across multiple providers, using a common set of management tools chosen by the customer
C. It is an extension of a single public cloud provider's software and hardware stack to the customer's on-premises environment so that the exact same stack runs in both locations
D. It is an open standards-based stack that can be deployed on single public cloud infrastructure

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/learn/hybrid-cloud

QUESTION 14
When using OpenShift, what is a pre-requisite for converting a single zone cluster into a multi-zone cluster?

A. The cluster must be set up in one of the supported multi-zone locations
B. The cluster must be running on either Virtual Shared or Virtual Dedicated server nodes
C. The cluster configuration must be backed up into an Object Storage bucket in the same zone
D. The cluster must not have any pods active when converted

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cloud.ibm.com/docs/openshift?topic=openshift-ha_clusters

QUESTION 15

Which IBM Cloud Virtual Servers offering is multi-tenant with pre-defined sizes?

A. Dedicated
B. Public
C. Transfer
D. Reserved

Correct Answer: B
Section: (none)
Explanation
Explanation/Reference:
Reference: https://cloud.ibm.com/docs/virtual-servers?topic=virtual-servers-about-public-virtual-servers#:~:text=The%20public%20IBM%20Cloud™,you%20up%20and%20running%20quickly.&text=For%20more%20information%2C%20see%20Virtual%20Private%20Cloud.

QUESTION 16
When creating a file share using IBM File Storage, which statement is true?

A. A user must provision at least two SATA disks for HA share
B. Storage starts at 0KB and it automatically grows as data is written
C. File share size can range between 20GB and 12TB
D. The minimum size of a file share is less then 10GB

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cloud.ibm.com/catalog/infrastructure/file-storage

QUESTION 17
Which IBM Cloud service enables routing, tracking, and queue messaging leveraging multiple protocols?

A. Cloud Messages for TCPIP
B. Messages for RabbitMQ
C. Messaging as a Service
D. Multiprotocol Message Hub

Correct Answer: B

Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/messages-for-rabbitmq

QUESTION 18
Which statement is true about a Hybrid Cloud?

A. It is a deployment model that requires the largest capital expense to deploy and to scale
B. It is a platform for applications and infrastructure that is built on two or more components from public cloud, private cloud and on-premises IT
C. It is a platform for applications and infrastructure for system-z that is built on two or more components from only public and private cloud
D. It is a collection of cloud resources made up of IaaS and PaaS from a single provider's public cloud

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
Which statement describes the IBM Cloud Pak for Multicloud Management?

A. It helps deploy on your choice of clouds, with low-code tools for business users and real-time performance visibility for business managers. Customers can migrate their runtimes without application changes or data migration, and automate at scale without vendor lock-in.
B. It helps to provide consistent visibility, automation, and governance across a range of hybrid and multi cloud capabilities such as event management, infrastructure management, application management, multi-cluster management, edge management and integration with existing tools and processes.

C. It helps to unify and simplify the collection, organization and analysis of information. Enterprises can turn data into insights through an integrated cloud-native architecture. It is extensible, easily customized to unique client information and AI landscapes through an integrated catalog of IBM, open source and third-party microservices add-ons.

D. It helps support the speed, flexibility, security and scale required for all of your digital integration transformation initiatives, and comes pre-integrated with a set of capabilities including API lifecycle, application and data integration, messaging and events, high speed transfer and security.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/garage/dte/tutorial/multi-cluster-management/

QUESTION 20
Which IBM Cloud Foundry offering for isolated environments is fully integrated with the IBM Cloud services catalog?

A. Enterprise
B. Private
C. Dedicated
D. Public

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/blog/ibm-cloud-foundry-enterprise-environment-ga

QUESTION 21
What are the four storage class tiers offered by IBM Cloud Object Storage?

A. Dynamic, Encrypted, Fixed, Hard Coded
B. Dynamic, Vault, Fixed, Configured
C. Standard, Encrypted, Dynamic, Configured
D. Standard, Vault, Cold Vault, Flex

Correct Answer: D

Explanation/Reference:
Reference: https://www.ibm.com/in-en/cloud/object-storage/storage-class-tiers-archive

QUESTION 22
Which statement describes the IBM Cloud Paks?

A. Collections of IBM Cloud services which have been designed to cater for different categories of business challenges, with the goal of accelerating a customer's journey to the cloud
B. Containerized software solutions that includes collections of IBM middleware and common software services for development and management on top of a common integration layer
C. Containerized IBM software products each of which have been designed to serve a dedicated business requirement
D. Discounted bundles of containerized software licenses for deployment on premises, to be used as a stepping stone for the customer to smoothen their journey to
  the cloud

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/blogs/ibm-training/education-pak-for-ibm-cloud-paks/

QUESTION 23
What is a key Cloud Native application development principle?

A. Segmentation
B. Containerization
C. Virtualization
D. Service Virtualization

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

Reference: https://www.ibm.com/cloud/learn/cloud-native

QUESTION 24
Which IBM Cloud service provides a fully-managed elastic cloud data warehouse built for high-performance analytics?

A. BigInsights for Apache Hadoop
B. Master Data Management
C. Db2 Warehouse on Cloud
D. Analytics Engine

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/db2-warehouse-on-cloud

QUESTION 25
IBM Cloud offers a full-stack Infrastructure as a Service layer that includes which two of the following? (Choose two.)

A. Runtime
B. Middleware
C. Application
D. Storage
E. Virtualization

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/learn/iaas

QUESTION 26
Which service is integrated with IBM Cloud Object Storage to reduce the cost of the long-term storage of backup data?

A. IBM Cloud Backup
B. Veeam on IBM Cloud

C. Snapshots for File Storage
D. VPC Block Storage

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/object-storage

QUESTION 27
What are the choices for worker nodes in IBM Kubernetes Service?

A. Intel server, Power server, and z server
B. Transient virtual server, reserved Bare Metal server, and private virtual server
C. Hourly server, reserved server, and transient server
D. Shared virtual server, dedicated virtual server, and Bare Metal server

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cloud.ibm.com/docs/containers?topic=containers-planning_worker_nodes

QUESTION 28
An organization wants to replace several legacy applications with an IBM Cloud platform service. They need to ingest information using the MQTT protocol, present information on dashboards and apply machine learning to detect trends. What IBM Cloud service should the organization use?

A. The Node-Red starter kit
B. The Node.js Express starter kit
C. Internet of Things (IoT) platform
D. Watson OpenScale

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://developer.ibm.com/technologies/iot/tutorials/iot-lp301-iot-manage-data/

QUESTION 29
What IBM Cloud offering can an organization use to create, secure, manage, share, and monetize custom APIs?

A. Accern-API
B. API Gateway
C. API Connect
D. App Connect

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cloud.ibm.com/catalog/services/api-connect

QUESTION 30
Which statement describes the Watson Assistant service on IBM Cloud?
A. IBM's AI engine targeted at the consumer smart home device market
B. IBM's AI product that allows for building, training, and deploying conversational interactions into any application, device, or channel
C. A trained virtual agent with skills that address conversational interactions across all domains
D. IBM's API product designed to facilitate the creation of complex machine learning algorithms through a graphical interface

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/in-en/cloud/watson-assistant#:~:text=Watson%20Assistant%20is%20IBM%27s%20AI,any%20application%2C%20device%20or%20channel.

QUESTION 31
What is the IBM Cloud Hyper Protect DBaaS for MongoDB?

A. A LinuxONE-powered cloud database solution for enterprise workloads with sensitive data
B. A LinuxOne-powered on premises database solution for enterprise workloads with default data

C. A LinuxONE-powered on premises database solution for enterprise workloads with sensitive data

D. A LinuxOne-powered cloud database solution for enterprise workloads with default data

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ibm.com/cloud/hyper-protect-dbaas

https://vceplus.com/