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C1000-083

Foundations of IBM Cloud V2



## Exam A

### QUESTION 1

What can be a subject of the IBM Cloud Identity and Access Management policy?

- A. Resource Group
- B. Service
- C. Service Roles
- D. Service ID

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://cloud.ibm.com/docs/account?topic=account-iamoverview>

**QUESTION 2** Which statement describes the IBM Cloud Pak for Integration?

- 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 uncover hidden threats, make informed decisions about the risks they pose, then respond faster to those threats – while leaving data where it is. Customers can integrate tools and connect workflows across hybrid, multicloud environments, using a platform that runs anywhere.
- C. 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.
- D. It helps to provide consistent visibility, automation, and governance across a range of hybrid and multicloud capabilities such as event management, infrastructure management, application management, multicloud management, edgemanagement and integration with existing tools and processes.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

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

**QUESTION 3** 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 4** 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 5** Which applications can be used on any cloud platform and rely on microservices and continuous integration and continuous delivery (CI/CD)?

A. Cloud Native

B. Cloud Enabled

C. Cloud Based

D. Cloud Ready

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

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

**QUESTION 6** 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 7** 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 8** Which database design provides flexible schemas for the storage and retrieval of data beyond traditional table structures?

A. Relational

- B. Transactional
- C. SQL
- D. NoSQL

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

NoSQL, which stands for “not only SQL,” is an approach to database design that provides flexible schemas for the storage and retrieval of data beyond the traditional table structures found in relational databases. Reference:

<https://www.ibm.com/cloud/learn/nosql-databases>

**QUESTION 9** 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 10**

Which regional compliance standard used by IBM Cloud seeks to harmonize data privacy and aims to give back control of data subject's personal data?

- A. Information Security Registered Assessors Program (IRAP)
- B. Western Privacy Registry (WPR)
- C. General Data Protection Regulation (GDPR)
- D. International Privacy Register (IPR)

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://cloud.ibm.com/docs/overview?topic=overview-compliance>

**QUESTION 11** What is the initial response time for a severity 1 case under premium support?

- A. 1 hour
- B. 30 minutes
- C. 1.5 hour
- D. Less than 15 minutes

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://cloud.ibm.com/docs/get-support?topic=get-support-support-case-severity>

**QUESTION 12**

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 13** Which additional benefit comes with premium support?

- A. 24 x 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 14**

An organization uses Apache Kafka on-premise and has applications that use KSQL to aggregate information. They are willing to move the service to IBM Cloud as long as they do not need to rewrite their KSQL applications. What IBM Cloud offering can the organization use?

- A. IBM App Connect
- B. IBM Event Streams
- C. IBM API Connect
- D. IBM MQ

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 15** 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 16** 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 17** 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 latencyD. 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 18** What is one of the functions provided by IBM Cloud Object Storage?

- A. Automatic file management tooling that can delete files that have expired
- B. Built-in high-speed file transfer capabilities
- C. Built-in file access tooling used to manage files
- D. Automatic file encryption tooling used to manage files

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

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

**QUESTION 19** 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 SecurityD. 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 20** 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 21** 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 locationsD. 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 22** The Watson Tone Analyzer service uses linguistic analysis to detect emotional and language tones in what medium?

- A. Spoken English
- B. Written text
- C. Audio recordings
- D. Digital images

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: [https://www.ibm.com/cloud/watson-tone-analyzer#:~:text=The%20IBM%20Watson™%20Tone,language%20tones%20in%20written%20text.](https://www.ibm.com/cloud/watson-tone-analyzer#:~:text=The%20IBM%20Watson%20Tone,language%20tones%20in%20written%20text.)

**QUESTION 23** 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](https://cloud.ibm.com/docs/openshift?topic=openshift-ha_clusters)

**QUESTION 24** 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%20you%20up%20and%20running%20quickly.&text=For%20more%20information%2C%20see%20Virtual%20Private%20Cloud.>

**QUESTION 25** 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 than 10GB

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

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



**QUESTION 26**

Which DevOps Service provides insight into how applications are performing and consuming resources?

- A. IBM Log Analysis with LogDNA (Global)
- B. IBM Cloud Foundry Enterprise Environment
- C. IBM Tivoli Cloud Monitor
- D. IBM Cloud Monitoring (Global)

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.ibm.com/blogs/cloud-archive/2017/07/ibm-cloud-monitoring-service-refresh-new-features/>

**QUESTION 27** What are Cloud Native Applications designed to be?

- A. Platform Agnostic
- B. SOA Compliant
- C. J2SE Compliant
- D. Security Agnostic

**Correct Answer:** A

**Section:** (none)

**Explanation**



**Explanation/Reference:**

Reference: <https://www.ibm.com/cloud/learn/cloud-native#:~:text=Cloud%20native%20is%20a%20more.used%20via%20any%20cloud%20platform.>

**QUESTION 28** Which deployment scenario describes a technique that slowly deploys a software change to a small subset of users before rolling it out to the entire infrastructure?

- A. A/B Testing
- B. Canary
- C. Chaos
- D. Blue-Green

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.ibm.com/cloud/architecture/tutorials/use-canary-testing-in-kubernetes-using-istio-toolchain/>

**QUESTION 29** What is a key feature of Virtual Private Cloud?

- A. It is deployed on-premises for increased security
- B. Applications are automatically deployed across three zones
- C. To run an isolated environment within the public cloud
- D. Network traffic between VSIs on the private network is charged for

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://cloud.ibm.com/docs/vpc-on-classic?topic=vpc-on-classic-about>

**QUESTION 30** Which implementation is the IBM Blockchain managed service based on?

- A. Hyperledger Sawtooth
- B. Ethereum
- C. Hyperledger Fabric
- D. Bitcoin

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://techcrunch.com/2017/03/19/ibm-unveils-blockchain-as-a-service-based-on-open-source-hyperledger-fabric-technology/#:~:text=IBM%20unveiled%20its%20%20Blockchain%20as.to%20build%20secure%20blockchain%20networks.>

**QUESTION 31**

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 32** 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 33** 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 34** What is one feature of Master Nodes in IBM Cloud Kubernetes Service?

- A. Easy rebuild of Master with Chef
- B. Highly available Master node replicas
- C. Command line syntax for security patching of Master node
- D. Easy restore of Master node from Image

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 35**

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 36** Block Storage LUNs can be provisioned from 20 GB to 12 TB with which two options?  
(Choose two.)

- A. Scalable
- B. Performance
- C. Endurance
- D. DistributedE. Redundant

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://cloud.ibm.com/docs/BlockStorage?topic=BlockStorage-About>

**QUESTION 37** What is one type of Continuous Delivery pipeline available on IBM Cloud?

- A. Containers
- B. Tekton
- C. Git
- D. Delivery

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.ibm.com/cloud/continuous-delivery>

**QUESTION 38** 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

**Section:** (none)

**Explanation**

**Explanation/Reference:**

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

**QUESTION 39**

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 40** 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 41** 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 42** 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 43** Roles can be assigned on which two levels in IAM?  
(Choose two.)

- A. Role
- B. Platform
- C. Cloud Metering
- D. Network
- E. Service

**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://cloud.ibm.com/docs/account?topic=account-iamoverview#:~:text=between%20services%20documentation.-,Roles,platform%20management%20and%20service%20access>

**QUESTION 44** Which statement is true regarding IBM Cloud for VMware Solutions – vCenter Server?

- A. It is a hosted private cloud that delivers the VMware vSphere stack as a service
- B. It is designed for proof of concept (POC) or sandbox testing instances only
- C. It is a streamlined and optimized ordering platform for VMware
- D. It allows maximum of flexibility to design and build a hosted VMware environment

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: [https://cloud.ibm.com/docs/vmwaresolutions?topic=vmwaresolutions-vc\\_vcenterserveroverview](https://cloud.ibm.com/docs/vmwaresolutions?topic=vmwaresolutions-vc_vcenterserveroverview)

**QUESTION 45** What is the default quota limit for the number of subnets that can be created within a VPC?

- A. 15
- B. 25
- C. 12
- D. 64

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://cloud.ibm.com/docs/vpc?topic=vpc-quotas>

**QUESTION 46** 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 47** 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](https://cloud.ibm.com/docs/containers?topic=containers-planning_worker_nodes)

**QUESTION 48** How can an estimate be exported from the Cost Estimator tool?

- A. Export to email
- B. Export to a URL link
- C. Export to Excel
- D. Export to PDF

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**



**QUESTION 49**

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 50** An organization is building a cloud native application and wants to use the highest level of cryptographic security available. Which IBM Cloud service can the organization use for key management?

- A. Cloud HSM
- B. Hyper Protect Certificate Manager
- C. Key Protect
- D. Hyper Protect Crypto Services

**Correct Answer:** D

**Section:** (none)

## Explanation

### Explanation/Reference:

Reference: <https://www.ibm.com/cloud/architecture/architectures/securityArchitecture/security-for-data/>

**QUESTION 51** 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 52** Which service provides control of the least resources on the cloud?

- A. PaaS
- B. SaaS
- C. BMaaS
- D. VMs

**Correct Answer: B**

**Section: (none)**

### Explanation



### Explanation/Reference:

**QUESTION 53** 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 54** What tool should be used to transmit encrypted traffic between two VPCs in IBM Cloud that are each in a different region?

- A. Secure Gateway for VPC
- B. Firewall1 for VPC
- C. VPN for VPC
- D. Hyper Protect for VPC

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://cloud.ibm.com/docs/vpc?topic=vpc-using-vpn>

**QUESTION 55** Which IBM Cloud offering brings IBM zLinux capabilities into the cloud?

- A. VMware vCenter Server
- B. Bare Metal Server
- C. Hyper Protect Virtual Server
- D. Power Systems Virtual Server

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.ibm.com/blogs/systems/the-best-of-ibm-z-and-linux-one-in-the-public-and-private-cloud/>

**QUESTION 56** How long do Lite accounts remain open before expiring?

- A. They never expire
- B. 365 days
- C. 180 days
- D. 30 days

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://cloud.ibm.com/docs/account?topic=account-accounts#:~:text=You%20can%20wake%20up%20your,with%20Lite%20plans%20are%20deleted.>

**QUESTION 57**

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>

**QUESTION 58** Which IBM Cloud for VMware Solutions add-on service provides load balancing and traffic management services at a local and global scale?

- A. HyTrust CloudControl
- B. HCX
- C. FortiGate Security Appliance





D. F5 BIG-IP

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://cloud.ibm.com/docs/vmwareolutions?topic=vmwareolutions-getting-started>

**QUESTION 59** Which IBM Garage Method for Cloud practice leverages Enterprise Design Thinking?

A. Envision

B. Culture

C. Learn

D. Reason

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.ibm.com/garage/method/>

**QUESTION 60**

Which VPC component would have a Front End Listener and Back End Pool?

A. A Floating IP

B. An Access Control List

C. A Public Gateway

D. A Load Balancer

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://cloud.ibm.com/docs/vpc?topic=vpc-load-balancers>