Question No: 1

What does Agile Integration, as defined by IBM, relate to?

A. Unlocking enterprise data securely using integration powered APIs

B. Implementing event driven architectures for real time integration

C. Adopting microservices based development for better agility and scalability

D. Rethinking the approach to integration that is based on people, architecture, and technology

Answer: B

Explanation:

Question No: 2

Which is an IBM Cloud Pak solution advantage?

A. Full software stack support, ongoing security, compliance, and version compatibility

B. Continuous Delivery and Continuous Integration (CD/CI) tools

C. Dedicated support team for application migration to IBM Cloud

D. OpenStack integration out of the box

Answer: B

Explanation:

Question No: 3

What is the key benefit of moving away from a centralized ESB pattern to Agile Integration?

A. Faster roll out of integrations, enhanced scalability, and resilience

B. Rapid creation of integrations using no-code approach

C. API-led integration enabling agility and innovation

D. Multi-cloud deployment of integration artifacts

Answer: B

Explanation:

Question No: 4

Which Command Line interface tool provides an analyze method which validates resources configuration and print validation messages?

A. calicoctl

B. oc

C. cloudctl

D. istioctl

Answer: A

Explanation:

Question No: 5

HOTSPOT

Click the diagram that shows a decentralized IBM MQ Containerized Architecture:
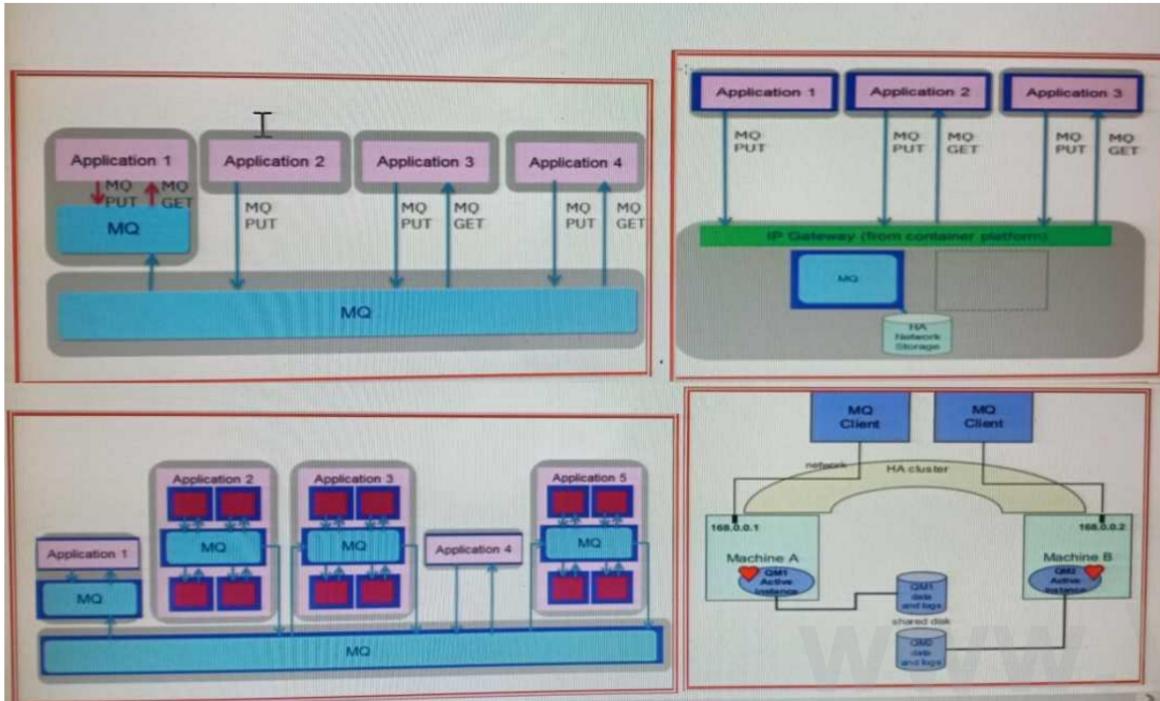
Answer:
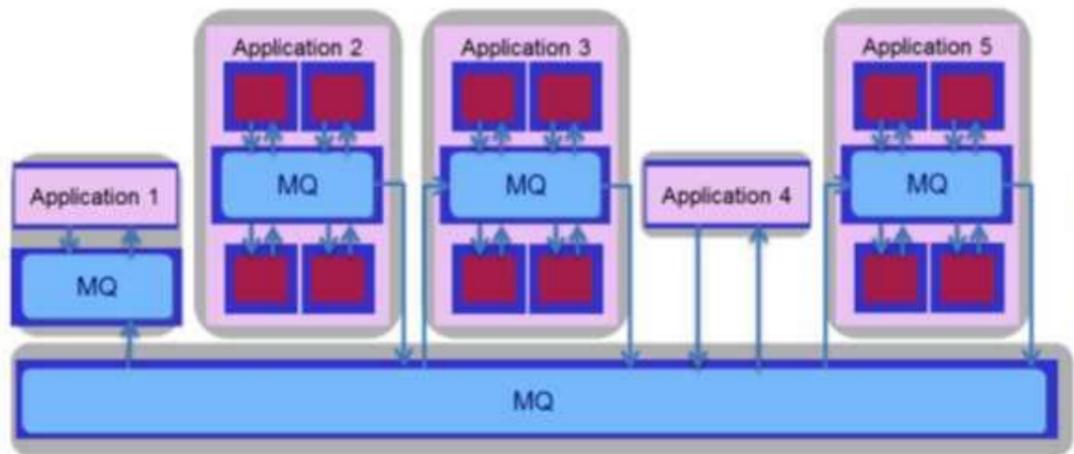
Explanation:

Question No: 6

How can DataPower Gateway workloads be restored in the DR site?

A. DataPower Gateway container images need to be available in a container registry that the DR site has access to

B. Cloud Pak for Integration can automatically synchronize the running pods with the DR site

C. In Cloud Pak for Integration Platform Navigator, select the running DataPower Gateway instance and then click 'Export for DR site'

D. Containers do not hold state, which would require workloads to be reconfigured from scratch

Answer: D

Explanation:

Question No: 7

Which of the following maximizes durability by replicating message data into three availability zones, making Event Streams resilient to infrastructure failures?

A. Geo-datasync

B. Triplewrite logging

C. PersistentVolumes

D. Multi-zone architecture

Answer: D

Explanation:

Question No: 8

Which situation would lead to loss of an etcd quorum in an OpenShift v4 cluster?

A. The database used by all Cloud Pak for Integration components is corrupted

B. OpenShift has lost all worker nodes

C. The majority of master/control plane hosts are lost

D. One of the master nodes has gone off line

Answer: A

Explanation:

Question No: 9

Which statement is true about the Monitoring component of Cloud Pak for Integration?

A. It is built on the ELK stack

B. Data persistence is not enabled by default

C. Only a user with role ClusterAdministrator can perform write operations

D. It requires an additional license

Answer: D

Explanation:

Question No: 10

A decentralized ownership approach in modern agile integration methodology leads to which benefit?

A. Accelerated development agility

B. Operational agility with dynamic scalability and inherent resilience

C. Installation agility that enables auto deployment

D. Business agility with a guaranteed improved time to market

Answer: B

Explanation:

Question No: 11

Which two Cloud Pak for Integration products can run in HA mode without the need for quorum?

A. MQ

B. App Connect Enterprise

C. Aspera

D. Event Streams

E. API Connect

Answer: AD

Explanation:

Question No: 12

What are two Aspera use cases?

A. Send and share large files and folders stored in on-premises data centers and major clouds

B. Secure and reliable transfer of sensitive data, such as payment information, between applications

C. Managed file transfer capabilities using messaging transport to move data

C. Create distributed event-streaming platform to ingest a large volume of data in real-time

E. Data migration to, from, and between on-premises data centers and any major cloud

Answer: BC

Explanation:

Question No: 13

Which statement is true about IBM Event Streams?

A. A hierarchical Pub/Sub topic architecture is available

B. All servers must be located in the same data center

C. Persistent storage is enabled by default

D. By default the consumers offset is automatically committed in the background

Answer: A

Explanation:

Question No: 14

An organization is looking into enabling multiple instances of Cloud Pak for Integration - Operations Dashboard in a single Cloud Pak for Integration cluster. What statement below is true?

A. The namespace/project must be partitioned before enabling additional instances

B. Only one instance can be enabled per namespace/project

C. Multiple instances can be enabled on the same namespace/project

D. Only one instance can be enabled per cluster

Answer: C

Explanation:

Question No: 15

To ensure no information is lost in an MQ cluster, what is the recommended number of queue managers that should be specified as full repositories?

A. One

B. Two

C. Equal to the number of partial repositories

D. None

Answer: B

Explanation:

Question No: 16

An integration architect has the following requirements:

- Enable applications and services to communicate reliably without calling each other directly

- Introduce process independence into the application architecture

- Improve fault tolerance and reliability throughout the system.

Which modern integration pattern should the Architect choose?

A. API integration

B. Event driven publish/subscribe

C. Application data integration

D. High speed file transfers

Answer: D

Explanation:

Question No: 17

Which statement about the Container Storage Interface (CSI) drivers is true?

A. They can be included as part of the container image for applications to access storage

B. They are integrated into the core OpenShift deployment

C. They are installed and configured in the host machines where the master nodes will run

D. They are typically shipped as container images and have to be installed by a cluster administrator

Answer: A

Explanation:

Question No: 18

Which two technologies can be used to extend the DataPower Gateway processing behavior?

A. XSLT

B. JavaScript

C. Python

D. C#

E. Java

Answer: CD

Explanation:

Question No: 19

DRAG DROP

Select all that apply

What is the correct order to configure TLS profiles for an API's access and encryption? List the API Connect components to be configured, from the first to the last one.

Unordered Options	Ordered Options
Catalog	
Space	
Organization	
Portal	
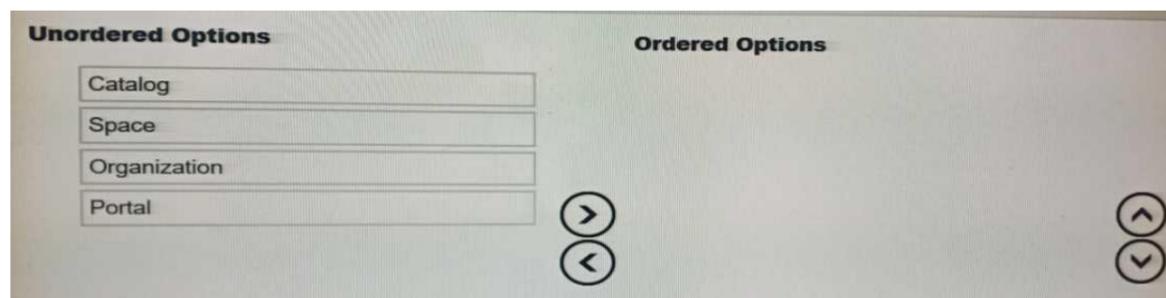
Answer:
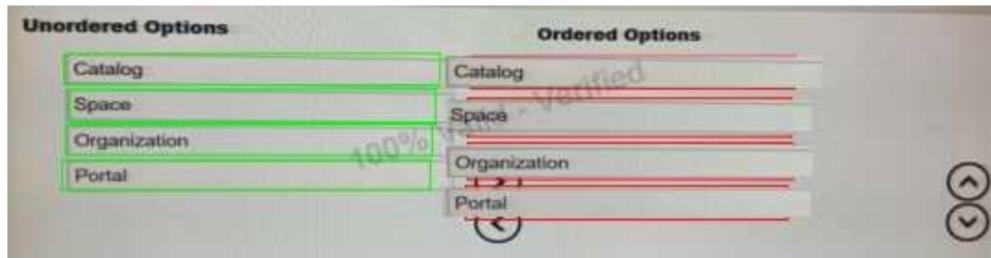
Explanation:

Question No: 20

Which statement regarding the IBM Entitled Registry key is true?

A. It is used by the Asset Repository to synchronize with a remote Git repository

B. It is configured in the Platform Navigator

C. It is required to enable Cloud Pak for Integration capabilities

D. It is used by the network-based installer

Answer: C

Explanation:

Question No: 21

Which active-standby pair of queue managers uses a shared networked file system?

A. Double resilient queue manager

B. Replicated data queue manager

C. Integrated HA queue manager

D. Multi-instance queue manager

Answer: D

Explanation:

Question No: 22

What is one benefit of the IBM Event Streams capability?

A. Provides ability to visualize issues in near real time so they can be worked on and reduce wait times

B. Provides a fully managed Apache Kafka service

C. Delivers cross-component tracing and insights on call paths and latencies

D. Provides data streaming functions and optimized bandwidth tiers

Answer: A

Explanation:

Question No: 23

Which format is used to export metering reports from Cloud Pak for Integration?

A. XML

B. CSV

C. DSV

D. YAML

Answer: B

Explanation:

Question No: 24

An OpenShift v4 control plane node has failed. Which is the recommended method to restore the cluster?

A. Restore all cluster master hosts from a previous backup

B. Remove the member from the etcd cluster and then add the member back to the etcd cluster

C. Remove the member from the API server cluster and then add the member back to the API server cluster

D. Run the master-restore script provided as part of OpenShift 4

Answer: D

Explanation:

Question No: 25

Which statement describes Container orchestration?

A. A CI/CD component that automates steps in a software delivery process

B. A runtime environment that automates and reports on processes that are intended to help optimize businesses

C. The automated process of managing or scheduling workloads within clusters

D. A small software layer that enables multiple operating systems to run alongside each other

Answer: A

Explanation:

Question No: 26

What is the patented Data Transfer Technology that is included with the Cloud Pak for Integration?

A. SFTP

B. FASP

C. HTTPS

D. FTP

Answer: D

Explanation:

Question No: 27

DRAG DROP

What is the correct order of dependencies in the DataPower Gateway services point of view as they are nested into each other?
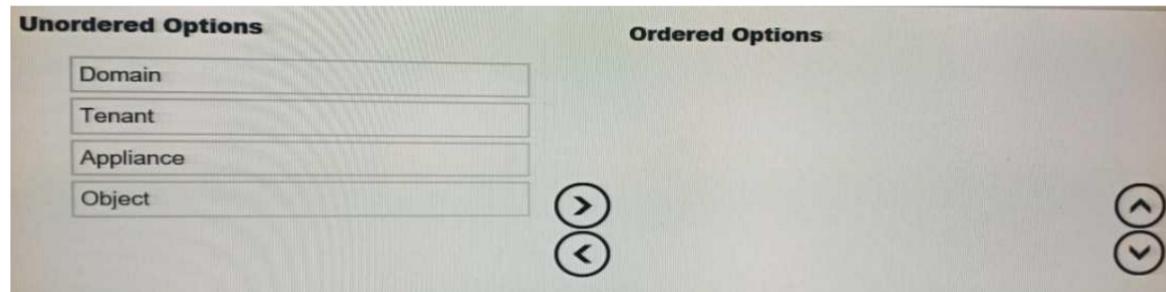
Answer:
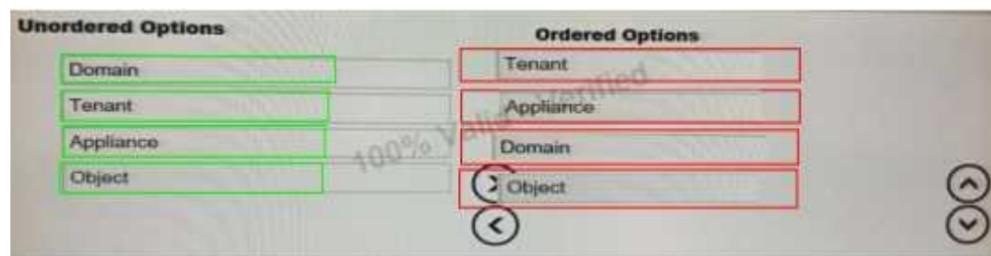
Explanation:

Question No: 28

What is the IBM App Connect Enterprise Toolkit?

A. A high availability management tool

B. A command-line interface for App Connect integration

C. A web user interface for accessing integration server resources

D. A graphical user interface for message flow development

Answer: A

Explanation:

Question No: 29

In Cloud Pak for Integration, which object can be used to request storage resources without knowing the underlying storage infrastructure?

A. Persistent Volume Claim (PVC)

B. Persistent Volume (PV)

C. RADOS Block Device (RBD)

D. Elastic Block Storage (EBS)

Answer: C

Explanation:

Question No: 30

Which is a recommended storage provider for the ROKS implementation

A. Cloud Data Lake

B. Kubernetes Container Storage

C. IBM Cloud Block storage

D. Containers Storage Block

Answer: A

Explanation:

Question No: 31

What is one feature of the IBM API Connect capability?

A. Provides a robust set of enterprise-grade API management capabilities

B. Provides security, control, integration, and optimized access to APIs

C. Build integration flows with pre-built connectors for SaaS products and APIs

D. Access, transform, and combine data assets across all of your enterprise applications, databases, and systems, with the capability to expose them as APIs

Answer: D

Explanation:

Question No: 32

Which capability of the Cloud Pak for Integration secures the front door of a cloud native application?

A. Messaging

B. API Management

C. App Connect Enterprise

D. Event Streams

Answer: B

Explanation:

Question No: 33

What is the function of Kibana in the Cloud Pak For Integration logging service?

A. Collate, correlate, and interpret log data

B. Capture, collect, and forward log data

C. Index, search, and store log data

D. Query, discover, and visualize log data

Answer: C

Explanation:

Question No: 34

The API Integration pattern is used to enable which use case?

A. Synchronous point-to-point access to services in closed heritage systems or heterogeneous backends

B. Synchronous access to fine-grained services across various backends

C. Asynchronous many-to-many coordination of services across multicloud and on-premises contexts

D. Asynchronous point-to-point access to services in closed heritage systems or heterogeneous backends

Answer: D

Explanation:

Question No: 35

What is the easiest way to consume an application residing outside of the boundaries of a cloudnative application?

A. XML

B. node.js

C. APIs

D. Java Functions

Answer: A

Explanation:

Question No: 36

Which statement is true regarding API flows exported as BAR files from an instance of the IBM App Connect Designer?

A. They can include actions for a callable flow

B. They use the Connector API to stage API assemblies to an IBM API Connect catalog

C. They must be packaged in an immutable Docker integration image

D. They can be exported as a BAR file for deployment in an integration server

Answer: C

Explanation:

Question No: 37

Which statement describes Tekton?

A. It is an integrated OpenStack program which aims to provision bare metal machines from the OpenShift Container platform

B. It is a Block Storage service for providing volumes to virtual machines, bare metal hosts, containers and more

C. It is an Open Source project that allows provisioning, managing and running virtual machines from and within Kubernetes environments like OpenShift

D. It is an open source project that provides a framework to create cloud-native CI/CD pipelines quickly

Answer: C

Explanation:

Question No: 38

Which would be a valid architectural decision when using the Cloud Pak for Integration for a multicloud design goal?

A. Deploy the Cloud Pak for Integration on IBM Cloud and Cloud Foundry

B. Deploy the Cloud Pak for Integration on IBM Cloud and Amazon Web Services

C. Place the Cloud Pak for Integration proxy nodes in separate subnets

D. Place the Cloud Pak for Integration master nodes in separate subnets

Answer: A

Explanation:

Question No: 39

What is the minimum requirement for an HA deployment of the Cloud Pak for Integration Platform Navigator?

A. 3 cores across 3 worker nodes

B. cores across 2 worker nodes

C. 1.5 cores across 3 worker nodes

D. 1 core across 2 worker nodes

Answer: C

Explanation:

Question No: 40

What is the purpose of the Asset Repository?

A. To store IBM certified container images

B. To store integration artifacts and documents

C. To store data of the servers that compose the cluster

D. To store container images generated in the platform

Answer: C

Explanation:

Question No: 41

When deploying API Connect on an OpenShift cluster, what are the minimum number of nodes required for high availability for the platform?

A. 2 Master Nodes and 2 Worker Nodes

B. 1 Master Node and 2 Worker Nodes

C. 1 Master Node and 3 Worker Nodes

D. 3 Master Nodes and 3 Worker Nodes

Answer: C

Explanation:

Question No: 42

Which mechanism is available in IBM Event Streams to help with disaster recovery by replicating

topic configuration, messages of a topic, and metadata from an origin cluster to a destination cluster?

A. Geo-configuration

B. Geo-datasync

C. Geo-recovery

D. Geo-replication

Answer: D

Explanation:

Question No: 43

HOTSPOT

In the image below, select the user role that can include an API endpoint to existing API products and plans, specifies access control, and publishes the API to the developer portal for external discovery.
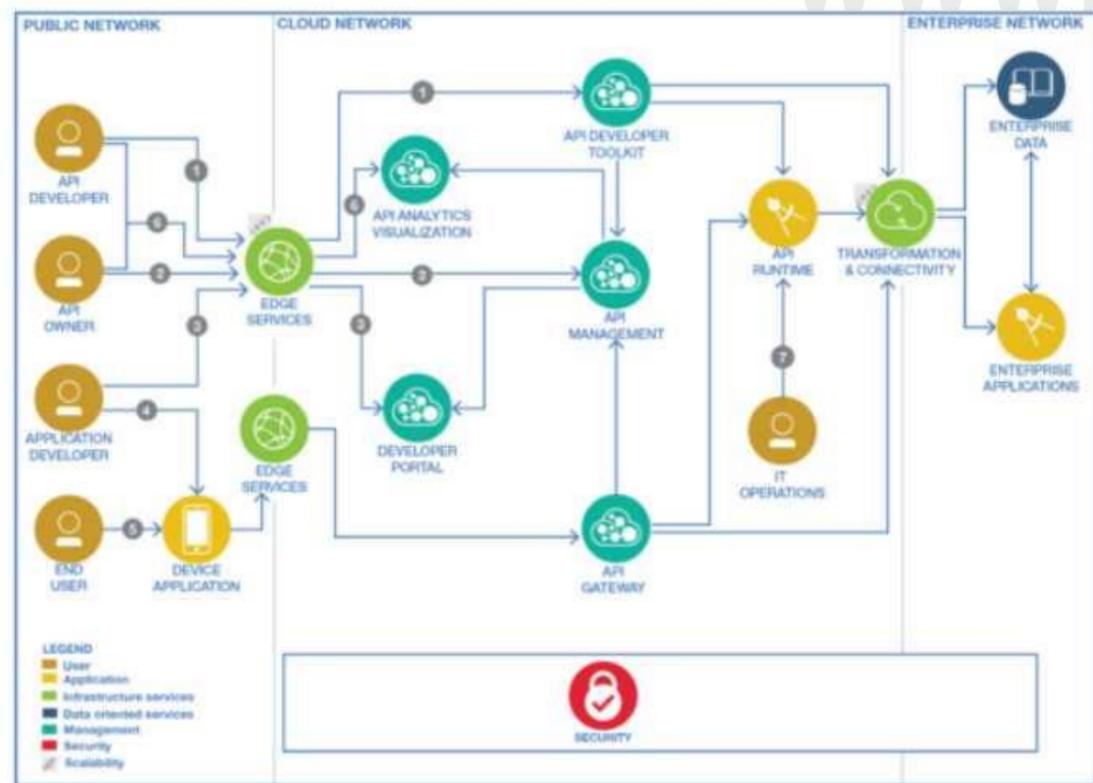
Answer:

Explanation:

ApI OWNER

Question No: 44

What storage service on Azure should be used for the API Management capability of Cloud PaK for Integration?

A. Azure Disks

B. Azure Files

C. Azure Tables

D. Azure Blobs

Answer: D

Explanation:

Question No: 45

What is a Container?

A. A small software layer that enables multiple operating systems to run alongside each other

B. A CI/CD component that automates steps in a software delivery process

C. An executable unit where application code, libraries and dependencies are packaged

D. A software engineering approach in which teams produce software in short cycles

Answer: A

Explanation:

Question No: 46

What does OpenShift use to provide storage to Cloud Pak for Integration components?

A. Network attached storage

B. Local disk storage

C. Persistent volume

D. Spectrum storage

Answer: A

Explanation:

Question No: 47

What is the minimum number of CPU cores that are required to install the Cloud Pak for Integration Common Services?

A. 16 cores

B. 2 cores

C. 4 cores

D. 8 cores

Answer: C

Explanation:

Question No: 48

DRAG DROP

A new proxy API needs to be created, security added, and published to the Sandbox catalog. Which is the correct sequence of steps that should be taken to perform these tasks?
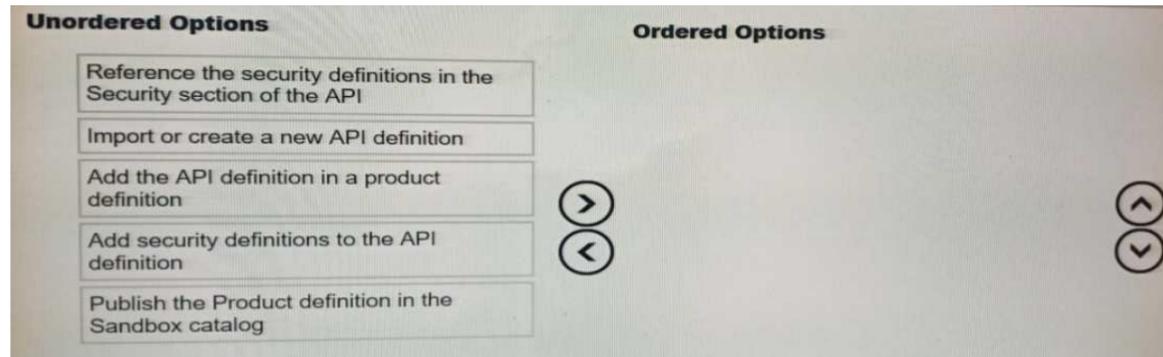
Answer:
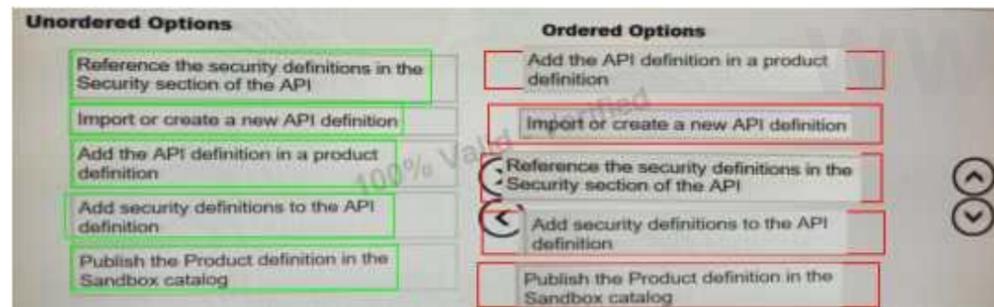
Explanation:

Question No: 49

What is one way to perform an automated build of an App Connect Enterprise (ACE) application within a CI/CD pipeline?

A. Build a bar file from a Project Interchange within the ACE toolkit and push it to GitHub.

B. Run a Docker build to create a bar file within a Jenkins pipeline, and store it in Artifactory.

C. Use Source2Image within a Tekton pipeline to create a bar file from a Project Interchange.

D. Use Jenkins to spin up an ACE container, build a bar file, and destroy the container.

Answer: A

Explanation:

Question No: 50

What is CRI-O?

A. A Windows .NET compatibility library available in the OpenShift Developer Catalog

B. A Kubernetes native container runtime implementation that integrates closely with CoreOS

C. The graphical user interface for Operators to administer applications/workloads running on OpenShift

D. An optional version of Docker optimized for OpenShift when running on cloud provider platforms

Answer: B

Explanation:

Question No: 51

Which component of Cloud Pak for Integration builds intelligent and responsive applications that react to events in real time?

A. API Management

B. Message Broker

C. Event Streams

D. DataPower Gateway

Answer: C

Explanation:

Question No: 52

What are two characteristics of storage classes that are required for API management capability deployment?

A. Any storage must be of type File System

B. Depending on the use-case both block and file system storage classes are supported

C. Only block storage classes are supported

D. Block storage for distributed and file system storage for localized

E. Requires an access mode of Read-Write-Many

Answer: BE

Explanation:

Question No: 53

Application owned asynchronous capabilities, like messaging and events, must exhibit which features to align to agile integration paradigm?

A. Simple deployment topology for high availability configuration

B. Ability to convert message to events and vice versa

C. Self-provisioning and self-administration capability to allow development agility

D. Common collection of logs across several instances for rapid administration

Answer: A

Explanation:

Question No: 54

What is the required storage class and access mode settings for deployment of high speed transfer integration capability?

A. Type: File System and Access mode: Read-Write-Many

B. Type: File System and Access mode: Read-Only-Many

C. Type: Block System and Access mode: Read-Write-Once

D. Type: Block and Access mode: Read-Write-Many

Answer: C

Explanation:

Question No: 55

What is the recommended minimum number of machines required for the smallest OpenShift v4 cluster?

A. 1 temporary bootstrap machine, 3 control plane machines, and at least 2 worker/compute machines

B. 1 temporary bootstrap machine, 1 control plane machine, and at least 2 worker/compute machines

C. 1 control plane machine and at least 3 worker/compute machines

D. 1 temporary bootstrap machine and 1 control plane machine

Answer: B

Explanation:

Question No: 56

Which two scenarios are true for a customer who buys licenses of Cloud Pak for Integration (CP4I)?

A. Entitlements will be consumed when CP4I features like tracing, common services, and Platform Navigator are used

B. Customer can use some of these entitlements for deploying WebSphere Application Server

C. These entitlements can be used for deploying any capability that comes as part of CP4I

D. Customer will need to purchase equivalent entitlements to Red Hat OpenShift Container Platform

E. Customer can use these entitlements to run standalone version of components bundled in CP4I

Answer: AC

Explanation:

Question No: 57

Which two programming languages are available for the API Developer to use in the API Assemble Panel?

A. .Net

B. Java

C. XSLT

D. JavaScript

E. ESQL

Answer: BD

Explanation:

Question No: 58

An architect needs an agnostic provider of persistent storage for their OpenShift Container Platform, that supports file, block, and object storage, either in-house or in hybrid clouds, Which provider should the architect choose?

A. HostPath Storage

B. Red Hat OpenShift Container Storage

C. FlexVolume Drives

D. OpenStack Cinder

Answer: A

Explanation:

Question No: 59

What is a significant challenge that is unique to hybrid messaging?

A. Iterate quickly on the cloud and interact easily with enterprise systems of records

B. Build a scalable and high-throughput enterprise messaging backbone to support applications on the cloud

C. Synchronous connection and distribution of events between cloud and on-premises systems

D. Monitoring of privileged access to sensitive data and integrity of sensitive data in transit and at rest can be done only within the enterprise

Answer: D

Explanation:

Question No: 60

Which integration capability must be recovered prior to recovering an Aspera instance?

A. DataPower Gateway

B. MQ

C. API Connect

D. Event Streams

Answer: A

Explanation:

Question No: 61

What are two of the core Cloud Pak for Integration capabilities?

A. MQ Appliance

B. Event Streams

C. Automation Studio

D. Application Integration

E. Robotic Process Automation

Answer: BD

Explanation:

Question No: 62

Which approach can be implemented with Cloud Pak for Integration to help a company modernize its application environment and container management capabilities?

A. Microservices

B. Publish/Subscribe

C. Monolithic architecture

D. Robotic Process Automation

Answer: A

Explanation: