



Elective Subject 1- Cloud Application Developer QB



EASY

IBM Bluemix is a

- A. Cloud Platform
- B. Offline platform
- C. System software
- D. Application Software

Correct Answer: OPTION A

What is Cloud app?

- A. Software program
- B. Hardware program
- C. Installation
- D. Server

Correct Answer: OPTION A

A cloud application relies on.....

- A. Codes
- B. Remote Servers
- C. LAN
- D. Web browser

Correct Answer: OPTION B

CRM Stands for.....

- A. Consumer Relationship Management
- B. Client Relationship Management
- C. Company Relationship Management
- D. Customer Relationship Management

Correct Answer: OPTION D

API stands for.....

- A. Analysis of Programming Interface
- B. Application Programming Institute
- C. Application Programming Interface

D. Application Public Interface

Correct Answer: OPTION C

API is not a database

A. True

B. False

Correct Answer: OPTION A

Which of these is not a major type of cloud computing usage?

A. Hardware as a Service

B. Platform as a Service

C. Software as a Service

D. Infrastructure as a Service

Correct Answer: OPTION A

Virtual Machine Ware (VMware) is an example of

A. Infrastructure Service

B. Platform Service

C. Software Service

D. Hardware Service

Correct Answer: OPTION A

Google Apps Engine is a type of

A. SaaS

B. PaaS

C. IaaS

D. CaaS

Correct Answer: OPTION D

A good cloud computing network can be adjusted to provide bandwidth on demand

- A. True
- B. False

Correct Answer: OPTION A

A larger cloud network can be built as either a layer 3 or layer 4 networks.

- A. True
- B. False

Correct Answer: OPTION B

The typical three-layer switching topology will not create latency within a cloud network.

- A. True
- B. False

Correct Answer: OPTION B

Which of the following is a push mechanism for publishing Web site data that is device-specific?

- A. WAP
- B. GPRS
- C. GAP
- D. SAP

Correct Answer: OPTION A

What is IBM Bluemix

- A. It is a cloud platform as a service developed by IBM
- B. It is a web platform as a product developed by IBM
- C. It is an application designed by IBM
- D. It is a source document designed by IBM

Correct Answer: OPTION A

What is the IBM Cloud console?

- A. It is a user interface
- B. It is a database
- C. It is an API
- D. It is a source file

Correct Answer: OPTION A

IBM PSIRT stands for.....

- A. IBM Product Security Incident Response Team
- B. IBM Positioning security Instrumental Response Team
- C. IBM Product Selection Incident Response Team
- D. IBM Product System Incident Response Team

Correct Answer: OPTION A

Buildpack is a.....

- A. A core link in the chain of the Cloud Foundry deployment process
- B. An app to Cloud Foundry
- C. A catalogue of IBM
- D. A cloud platform as a service developed by IBM

Correct Answer: OPTION A

Which of these is not a major type of cloud computing usage?

- A. Platform as a service
- B. Software as a service
- C. Infrastructure as a service
- D. Hardware as a service

Correct Answer: OPTION D

Cloud Service has a Relationship with their customers

- A. Many-to-Many
- B. One-to-Many
- C. One-to-One
- D. Many-to-one

Correct Answer: OPTION B

Which vendor recently launched a cloud-based test and development service for enterprises?

- A. HP
- B. Cisco
- C. IBM
- D. Oracle

Correct Answer: OPTION C

Google doc is a type of Cloud computing

- A. True
- B. False

Correct Answer: OPTION A

Bluemix is not a substitute for programming

- A. True
- B. False

Correct Answer: OPTION A

Google Docs is a type of cloud computing.

- A. True
- B. False

Correct Answer: OPTION A

Cloud providers provide cloud services to cloud users.

- A. True
- B. False

Correct Answer: OPTION A

Cloud applications can function only in.....

- A. Online
- B. Offline
- C. No such restrictions
- D. It depends on the site

Correct Answer: OPTION A

What second programming language did Google add for App Engine development?

- A. C++
- B. Flash
- C. Java
- D. Visual Basic

Correct Answer: OPTION C

What facet of cloud computing helps to guard against downtime and determines costs?

- A. Service-level agreements
- B. Application programming interfaces
- C. Virtual private networks
- D. Bandwidth fees

Correct Answer: OPTION A

What is the name of the organization helping to foster security standards for cloud computing?

- A. Cloud Security Standards Working Group
- B. Cloud Security Alliance
- C. Cloud Security WatchDog
- D. Security in the Cloud Alliance

Correct Answer: OPTION B

The term 'Cloud' in cloud-computing refers to _____.

- A. The Internet
- B. Cumulus Clouds
- C. A Computer
- D. Thin Clients

Correct Answer: OPTION A

In order to participate in cloud-computing, you must be using the following OS _____.

- A. Windows
- B. Mac OS
- C. Linux
- D. All the above

Correct Answer: OPTION D

What is a private cloud?

- A. A standard cloud service offered via the Internet
- B. Private cloud architecture maintained within an enterprise data centre.
- C. Private cloud service inaccessible to anyone but the cultural elite
- D. Private cloud is a public platform

Correct Answer: OPTION B

Amazon Web Services is which type of cloud computing distribution model?

- A. Software as a Service (SAAS)
- B. Platform as a Service (PAAS)
- C. Infrastructure as a Service (IAAS)
- D. Hardware as a Service(HaaS)

Correct Answer: OPTION C

What is Cloud Foundry?

- A. A factory that produces cloud components
- B. An industry-wide PaaS initiative
- C. VMware-led open source PaaS.

Cloud Foundry is a library

Correct Answer: OPTION C

Which of the following is a form of message push service?

- A. FMS
- B. SMS
- C. RMS
- D. AMS

Correct Answer: OPTION B

_____ allows different operating systems to run in their own memory space

- A. VMM
- B. VMc
- C. VVMc
- D. VMVC

Correct Answer: OPTION A

_____ as a Service is a cloud computing infrastructure that creates a development environment upon which applications may be built.

- A. Infrastructure
- B. Service
- C. Platform
- D. Product

Correct Answer: OPTION C

_____ authentication requires the outside use of network security or trust service

- A. SSO
- B. Single factor
- C. Multifactor
- D. Compliance

Correct Answer: OPTION C

Which of the following is not an example for cloud storage?

- A. Block Storage
- B. File storage
- C. Object Storage
- D. Server storage

Correct Answer: OPTION D

AWS is which type of cloud computing distribution model?

- A. SaaS
- B. PaaS
- C. IaaS
- D. None of the above

Correct Answer: OPTION C

Which of the following not an advantage of Cloud?

- A. No worries about running out of storage
- B. Easier to maintain
- C. Immediate Access to Computing Resources
- D. Paying only for what you use

Correct Answer: OPTION B

Which of the following is not a feature of the private cloud?

- A. Mastered Billing
- B. Self Service Portal
- C. Dial home support
- D. Rapid Elasticity

Correct Answer: OPTION B

Which of these techniques is vital for creating cloud computing centres?

- A. Virtualizations
- B. Transubstantiation
- C. Cannibalization
- D. Insubordination

Correct Answer: OPTION A

An internal cloud is.....

- A. An overhanging threat
- B. A career risk for a CIO
- C. A cloud that sits behind a corporate firewall
- D. The group of knowledge workers who use a social network for water cooler gossip

Correct Answer: OPTION C

The term "cloud computing" is a metaphor that originated in what?

- A. Graphical depiction of computer architecture
- B. Meteorological symbolism
- C. Worries about an unclear future for computer architecture
- D. The idea that computer users trust in magic

Correct Answer: OPTION A

Which of these companies specializes in cloud computing management tools and services?

- A. RightScale
- B. Google
- C. Salesforce.com
- D. Savis

Correct Answer: OPTION A

Cloud Service consists of.....

- A. Platform, Software, Infrastructure
- B. Software, Hardware, Infrastructure
- C. Platform, Hardware, Infrastructure

Correct Answer: OPTION A

Which vendor recently launched a cloud-based test and development service for enterprises?

- A. HP
- B. Cisco
- C. IBM
- D. Oracle

Correct Answer: OPTION C

The term 'Cloud' in cloud computing refers to.....

- A. Cumulus clouds
- B. A machine
- C. The internet
- D. The client

Correct Answer: OPTION C

In order to participate in cloud computing, you must be using the following OS.

- A. Windows
- B. Mac OS
- C. Linux
- D. Magento

Correct Answer: OPTION A, B and C

Cloud Foundry does not support?

- A. Java
- B. PHP
- C. NodeJS
- D. Routes

Correct Answer: OPTION D

Cloud-based application tasks may encompass.....

- A. Email
- B. File Storage
- C. Internet
- D. Server

Correct Answer: OPTION A & B

Which of the following is the most important benefit of Cloud Apps?

- A. Fast Response to business needs
- B. Effective deployment
- C. Improved business efficiency
- D. Less expensive

Correct Answer : OPTION A

Testing cloud applications prior to deployment is essential to ensure.....

- A. Speed of application
- B. Improve the performance
- C. There should some scope for updates
- D. Security and optimal performance

Correct Answer: OPTION D

Cloud Services have a_____ relationship with their customers.

- A. Many-to-many
- B. One-to-many
- C. One-to-one
- D. None of the above

Correct Answer: OPTION B

What is the most popular use case for public cloud computing today?

- A. Test and development
- B. Website hosting
- C. Disaster recovery
- D. Business analytics

Correct Answer: OPTION A

Amazon Web Services is which type of cloud computing distribution model?

- A. Software as a Service
- B. Platform as a Service
- C. Infrastructure as a Service
- D. Hardware as a Service

Correct Answer: OPTION C

Which of the following is true of cloud computing?

- A. It is always going to be less expensive and more secure than local computing.
- B. You can access your data from any computer in the world if you have an Internet connection.
- C. Only a few small companies are investing in technology, making it a risky venture.
- D. You can access data only from the restricted locations

Correct Answer: OPTION B

“Cloud” in cloud computing represents what?

- A. Wireless
- B. Hard drives
- C. People
- D. Internet

Correct Answer: OPTION D

Which is *not* one of the three main categories of cloud computing services?

- A. Infrastructure-as-a-Service (IaaS)
- B. Platform-as-a-Service (PaaS)
- C. Communication-as-a-Service (CaaS)
- D. Software-as-a-Service (SaaS)

Correct Answer: OPTION C

Which cloud characteristic refers to the ability of a subscriber to increase or decrease its computing requirements as needed without having to contact a human representative of the cloud provider?

- A. Rapid elasticity
- B. On-demand self-service
- C. Broad network access
- D. Resource pooling

Correct Answer: OPTION B

Which cloud deployment model is managed by a cloud provider, has an infrastructure that is offsite, and is accessible to the general public?

- A. Community cloud
- B. Hybrid cloud
- C. Public cloud
- D. Private cloud

Correct Answer: OPTION C

Interoperability is enabled by _____.

- A. a cloud operating system
- B. Middleware
- C. a community cloud
- D. a composite cloud

Correct Answer: OPTION B

Which of the following are an essential characteristic of a smartphone in the cloud ?

- A. A smartphone offers advanced calling features such as video calls or conferencing
- B. A smartphone has a recognizable operating system
- C. A smartphone comes with a touchscreen
- D. All the mentioned

Correct Answer: OPTION B

Which of the following is a classic example of an IaaS service model?

- A. AWS
- B. Cloudera
- C. Azure
- D. PaaS

Correct Answer: OPTION A

What is IBM Watson machine learning?

- A. IBM Watson is leverage in real-time geo-spatial analytics.
- B. It is a fully managed, data preparation and data integration service
- C. It is a global cloud infrastructure
- D. It is a full-service Bluemix offering that makes it easy for developers and data scientists to work together to integrate predictive capabilities with their applications.

Correct Answer: OPTION D

What face of cloud computing helps to guard against downtime and determines costs?

- A. Service level agreement
- B. Application Programming Interface

- C. Virtual Private Networks
- D. Bandwidth fees

Correct Answer: OPTION A

Geographic distribution of data across a cloud provider's network is a problem for many enterprises because of it:

- A. Breaks Compliance Regulations
- B. Adds latency
- C. Raises Security Concerns
- D. Makes Data Recovery Harder

Correct Answer: OPTION A

What is the name of the Rackspace cloud Service?

- A. Cloud-on-demand
- B. Cloud Servers
- C. EC2
- D. CE2

Correct Answer: OPTION B

What exactly is cloud computing?

- A. A way to organize desktop computers
- B. Lightweight software that takes up little space on a hard drive
- C. Computing resources that can be accessed on demand, like electricity from a utility
- D. A world wide web

Correct Answer: OPTION C

Which of the following is a Bluemix service?

- A. RapidApps
- B. Shareapp
- C. Flexiapp
- D. Cloud app

Correct Answer: OPTION A

Which of the following is not an open standard?

- A. Cloud Foundry
- B. TOSKA
- C. OSLC
- D. MS Office

Correct Answer: OPTION D

Which of the following is not architectural components within Cloud Foundry?

- A. Cloud Controller
- B. Droplet Execution Agent
- C. User Account and Authentication
- D. Local file system

Correct Answer: OPTION D

What kinds of things can be defined in the "App Manager"?

- A. Organisations
- B. Spaces
- C. Users
- D. Speeches

Correct Answer: OPTION D

In this type of cloud, an organization rents cloud services from cloud providers on-demand basis.

- A. Private
- B. Public
- C. Protected
- D. Hybrid

Correct Answer: OPTION B

Most of the cloud architectures are built on this type of architecture.

- A. skeleton
- B. grid-Ans
- C. linear
- D. template

Correct Answer: OPTION B

The service integration message store tries to persist a message in the messaging engine file store and finds that it is full, it logs an error. A system administrator is required to examine the contents of the file store. In which log does the administrator examine the contents of the file store?

- A. ffdc
- B. SystemErr
- C. SystemOut
- D. native_stderr

Correct Answer: OPTION A

Which infrastructure type allows the most control?

- A. Cloud Foundry
- B. Docker Hub
- C. IBM Containers
- D. Virtual Machines-Ans

Correct Answer: OPTION D

When is an application considered to be in the running state?

- A. after it has been created
- B. after the code has been uploaded
- C. after it has at least 1 instance-Ans
- D. after the route has been opened

Correct Answer: OPTION C

Which IBM Bluemix infrastructure type allows you to post another image from

another cloud infrastructure provider?

- A. Virtual Machines
- B. Cloud Foundry
- C. DevOps
- D. IBM Containers-Ans

Correct Answer: OPTION D

Which Bluemix infrastructure type is a software implementation of hardware

that runs applications like a computer.

- A. Virtual Machines
- B. Eclipse
- C. Cloud Foundry
- D. IBM Containers

Correct Answer: OPTION A

What is a contributing factor to the growth of cloud computing?

- A. Careful and lengthy development time
- B. Wide variety of programming languages to choose from.
- C. Provisioning of applications is slow
- D. Today's applications are long-lived

Correct Answer: OPTION B

What is one way for a developer to access the Bluemix infrastructure in order to

create Bluemix applications?

- A. The Bluemix JAVA GUI interface
- B. A boilerplate starter GUI interface
- C. The drop execution agent
- D. A CLI with the Cloud Foundry APIs

Correct Answer: OPTION D

What can be done to make maximum use of the cloud computing interoperability principle?

- A. Use standard protocols- Ans
- B. Use hardware and software of a single vendor.
- C. Use the integration between OpenStack and CloudStack.
- D. Employ multiple system integrators to build a private cloud.

Correct Answer: OPTION A

What platform has to be selected to create a mobile applicaion in IBM Cloud?

- A. Java
- B. Python
- C. Android
- D. Javascript

Correct Answer: OPTION C

Where the metadata information of the Android application is saved ?

- A. AndroidManifest.xml
- B. mobileManifest.xml
- C. AndroidManifest.json
- D. mobileManifest.json

Correct Answer: OPTION A

What is Docker?

- A. Container
- B. Application
- C. Language
- D. Something else

Correct Answer: OPTION A

What is FCM?

- A. Firebase Cloud Manager
- B. Firewall Cloud Manager
- C. Firebase Cloud Messaging
- D. Firewall Cloud Messaging

Correct Answer: OPTION C

What is Android SDK?

- A. Android Software Development Kit
- B. Android Server Development Kit
- C. Android Software Deployment Kit
- D. None of the mentioned

Correct Answer: OPTION A

How does the IBM Cloud database for MongoDB ease the developer's use?
By taking advantage of :

- A.Indexing and querying driver support
- B.Open source document.
- C.Tuning
- D. Indexing and querying driver support, Open source document., Tuning

Correct Answer : OPTION D

What is the disadvantage of NoSql databases in comparison to SQL databases?

- A.Database administration
- B.Scalability.
- C.support
- D. Economy

Correct Answer: OPTION C

Which are the services used with NoSql databases that stores data in documents:

- A. Compose for MongoDB
- B.Compose of Redis
- C.Cloudant
- D. Cloudant and Compose for MongoDB

Answer : D

Which is not a feature of IBM cloud databases?

- A.OpenSource
- B.Serverless scaling
- C.Inflexibility
- D. Secure

Correct Answer: OPTION C

How are IBM Cloud databases for MongoDB secure?

- A.Secured by TLS connection
- B.By using a shared server.
- C.By using WAF alone
- D. Linking databases and web servers

Correct Answer: OPTION A

Which is the first step to connecting cloud foundry application to Cloud Database?

- A.Create a Manifest file
- B.Configure your application
- C.Push the application to Cloud
- D.Create a cloud foundry Alias

Correct Answer : OPTION D

What does the management console of Cloud database support?

- A.Database Settings
- B.Backup administration
- C.Activity tracker
- D.Database Settings, Backup administration

Correct Answer: OPTION D (Database Settings,Backup administration)

Choose correct statement for liberty server:

- A. Liberty is a highly composable, fast to start, dynamic application server runtime environment.
- B. Liberty is highly flexible virtual machine.
- C. Liberty does includes a Java runtime environment (JRE).
- D. Liberty is a fast to start, static application server runtime environment.

Correct Answer: OPTION A

What models of application deployment are supported by Liberty?

- A. Deploy an application by dropping it into the dropins directory.
- B. Deploy an application by adding it to the server configuration file.
- C. Both by dropping it into the dropins directory and by adding it to the server configuration file.
- D. None is true

Correct Answer: OPTION C

Liberty is part of which Application Server programming model ?

- A. WebSphere Application Server programming model
- B. API management utilities
- C. Cloud Event Management
- D. IBM Cloud Identity

Correct Answer: OPTION A

With IBM WebSphere Application Server for IBM Cloud, you can set up a:

- A. Traditional pre-configured WebSphere Application Server.
- B. WebSphere Application Server with Liberty environment.
- C. Both traditonal pre-configured WebSphere and Liberty environment.
- D. Blockchain platform.

Correct Answer: OPTION C

Liberty supports a subset of the following parts of the full WebSphere® Application Server programming model:

- A. Web applications
- B. OSGi applications
- C. Enterprise JavaBeans (EJB) applications
- D. Web, OSGi and Enterprise JavaBeans (EJB) applications

Correct Answer: OPTION D

Which associated services are available with WebSphere Application Server programming model supported by Liberty server?

- A. Transactions
- B. Security
- C. Security and Transactions
- D. Blockchain

Correct Answer: OPTION C

Choose the correct definition of the features with respect to Liberty Server.

- A. Features are the units of functionality by which you control the pieces of the runtime environment that are loaded into a particular server.
- B. Features are the piece of independent applications which can not be created manually.
- C. Features are the functions that are inbuilt in the operating systems and can not be loaded into a particular server.
- D. Features has nothing to do with server and its ofInstall Eclipse tools for IBM Cloudferings.

Correct Answer: OPTION A

Choose the incorrect statement for Open Liberty Server.

- A. Open Liberty is a lightweight open source Java runtime that is built by using modular features.
- B. WebSphere Liberty is a commercial version of Open Liberty.
- C. Liberty zero-migration architecture to move to the latest version of Liberty with minimal impact to your current applicationInstall Eclipse tools for IBM Clouds and configurations.
- D. None is true

Correct Answer: OPTION D

To set up the Push Notifications service on the console, we need:

- A. FCM credentials
- B. GCM credentials
- C. ACM credentials
- D. None of the mentioned

Correct Answer: OPTION A

In Push Notification Lite plan, how many digital messages are allowed per month?

- A. 1000
- B. 10000
- C. 100000
- D. 1000000

Correct Answer: OPTION C

Package name of android application is available in file:

- A. google-services.json
- B. AndroidManifest.xml
- C. Credentials.xml
- D. None of the mentioned

Correct Answer: OPTION B

Push Notifications service now extends capabilities to monitor the push performance by:

- A. Generating logs from user data
- B. Generating graphs from user data
- C. Generating tabular data
- D. Could not monitor push performance

Correct Answer: OPTION B

When a device comes online, it receives notifications from the FCM server, and displays:

- A. Only the latest notification bearing the same collapse key
- B. All the notification bearing the same collapse key
- C. Last 5 notifications bearing the same collapse key
- D. None of the mentioned

Correct Answer: OPTION A

Gateway used to deliver Push Notifications to Android devices for new apps are:

- A. Android Cloud Messaging
- B. Google Cloud Messaging
- C. Firebase Cloud Messaging
- D. None of the mentioned

Correct Answer: OPTION C

Which of the following statements are NOT correct?

- A. Push initialization code are available in MainActivity.java file
- B. Registration for notifications happens in MainActivity.java file
- C. Gradle build will download all the dependencies as per project/code requirements.

D. Push and Analytics are included in AndroidManifest.xml.

Correct Answer: OPTION D

Which statement is incorrect in Node JS?

A. Node is Open Source

B. Server Side Java Code

C. Server Side Javascript Code

D. Cross-Platform

Correct Answer: OPTION B

On Which of the following platform Node Js Application can run?

A. Windows

B. Linux

C. Mac Os X

D. All of the mentioned

Correct Answer: OPTION D

Which of the following is used to install Node Packages?

A. nmp

B. npm

C. node

D. nodejs

Correct Answer: OPTION B

Which file holds the metadata information of a Node Js Project?

A. manifest.json

B. meta.inf

C. package.json

D. meta.json

Correct Answer: OPTION C

Which module is used to run a node application on a web browser?

A. express

B. server

C. http

D. client

Correct Answer: OPTION C

How to run a nodejs file using CLI?

A. js filename.js

B. js filename.node

C. node filename

D. node filename.js

Correct Answer: OPTION D

Traditional software delivery practices are insufficient for the following reasons:

A. Time-consuming manual software deployments

B. Lack of traceability from requirements to test

C. Inabilities to quickly react to application issue or customer feedback

D. All of the mentioned

Correct Answer: OPTION D

Maven need following file to build its project:

- A. XML file
- B. WAR file
- C. POM file
- D. Droplet

Correct Answer: OPTION C

IBM Bluemix Continuous Delivery provides following benefits:

- A. All of the mentioned
- B. Easier to develop, build, and deploy applications on the IBM Cloud
- C. Includes project templates for over a dozen common development scenarios
- D. Create your own template to develop and deploy apps written in languages such as javascript, node, swift, php, ruby, and python.

Correct Answer: OPTION A

Enable continuous delivery Button will the include following with project:

- A. manifest.yml and WAR file
- B. Git repository, issue tracker and automated delivery pipeline
- C. automated delivery pipeline only
- D. git repository and microgateway

Correct Answer: OPTION B

In IBM Cloud, creating and configure our own toolchain helps you choose:

- A. Region & Cloud Type
- B. All of the mentioned
- C. Repository type
- D. Pipeline

Correct Answer: OPTION B

Which of the following belong to JSON types?

- A. String type
- B. Null type
- C. Object Type
- D. All of the mentioned

Correct Answer: OPTION D

What are the benefits of using IBM Cloudant services to customers:

- A. Cloudant unburdens the customer from database administration task,
- B. Cloudant guarantees its customers the high availability, scalability, simplicity, and performance that modern web and mobile applications demand
- C. Allows developers to focus entirely on building better social & mobile applications
- D. All of the mentioned

Correct Answer: OPTION D

Open source backbone of Cloudant is:

- A. DynamoDB
- B. CollectD
- C. CouchDB
- D. None of the mentioned

Correct Answer: OPTION C

Which Authentication methods are required to access each service instance with its own set of credentials?The Push Notification service also enables you to analyze:

- A. The number of devices that are registered to receive notifications and number of notifications
- B. Number of notifications sent to specific user
- C. Receiver location details

D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

A. google-services.json

B. AndroidManifest.xml

C. Manifest.xml

D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

A. Both the new and old messages are stored for the future delivery.

B. New messages are delivered and old messages are stored for future delivery

C. Both the new and old messages are delivered.

D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

A. Max, Average, Min

B. Max, Default, Min

C. High, Low, Min

D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

A. 4 weeks

B. 2 weeks

C. 1 weeks

D. 3 weeksThe Push Notification service also enables you to analyze:

- A. The number of devices that are registered to receive notifications and number of notifications
- B. Number of notifications sent to specific user
- C. Receiver location details
- D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

- A. google-services.json
- B. AndroidManifest.xml
- C. Manifest.xml
- D. None of the mentioned

Correct Answer: OPTION B

The Push Notification service also enables you to analyze:

- A. The number of devices that are registered to receive notifications and number of notifications
- B. Number of notifications sent to specific user
- C. Receiver location details
- D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

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- A. The number of devices that are registered to receive notifications and number of notifications

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- C. Receiver location details
- D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

- A. google-services.json
- B. AndroidManifest.xml
- C. Manifest.xml
- D. None of the mentioned

Correct Answer: OPTION B

The Push Notification service also enables you to analyze:

- A. The number of devices that are registered to receive notifications and number of notifications
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- C. Receiver location details
- D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

- A. google-services.json
 - B. AndroidManifest.xml
- The Push Notification service also enables you to analyze:

- A. The number of devices that are registered to receive

The Push Notification service also enables you to analyze:

- A. The number of devices that are registered to receive notifications and number of notifications
- B. Number of notifications sent to specific user

C. Receiver location details

D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

A. google-services.json

B. AndroidManifest.xml

C. Manifest.xml

D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

A. Both the new and old messages are stored for the future delivery.

B. New messages are delivered and old messages are stored for future delivery

C. Both the new and old messages are delivered.

D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

A. Max, Average, Min

B. Max, Default, Min

C. High, Low, Min

D. High, Medium, Low

Correct Answer: OPTION C

The Push Notification service also enables you to analyze:

A. The number of devices that are registered to receive notifications and number of notifications

- B. Number of notifications sent to specific user
- C. Receiver location details
- D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

- A. google-services.json
- B. AndroidManifest.xml
- C. Manifest.xml
- D. None of the mentioned

Correct Answer: OPTION B

The Push Notification service also enables you to analyze:

- A. The number of devices that are registered to receive notifications and number of notifications
- B. Number of notifications sent to specific user
- C. Receiver location details
- D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

- A. google-services.json
 - B. AndroidManifest.xml
- The Push Notification service also enables you to analyze:
- A. The number of devices that are registered to receive notifications and number of notifications
 - B. Number of notifications sent to specific user
 - C. Receiver location details
 - D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

- A. google-services.json
- B. AndroidManifest.xml
- C. Manifest.xml
- D. None of the mentioned

Correct Answer: OPTION B

The Push Notification service also enables you to analyze:

- A. The number of devices that are registered to receive notifications and number of notifications
- B. Number of notifications sent to specific user
- C. Receiver location details
- D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId
- C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service
- D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

- A. Received, Queued, Open, Dismiss
- B. Received, Queued, Opened, Dismissed
- C. Receive, Queue, Open, Dismiss
- D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId
- C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service
- D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

- A. Received, Queued, Open, Dismiss
- B. Received, Queued, Opened, Dismissed
- C. Receive, Queue, Open, Dismiss
- D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks

D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

A. Would not affect on other device notifications and user can read notification on other devices also

B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId

C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service

D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

A. Received, Queued, Open, Dismiss

B. Received, Queued, Opened, Dismissed

C. Receive, Queue, Open, Dismiss

D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

A. Both the new and old messages are stored for the future delivery.

B. New messages are delivered and old messages are stored for future delivery

C. Both the new and old messages are delivered.

D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId
- C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service
- D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

- A. Received, Queued, Open, Dismiss
- B. Received, Queued, Opened, Dismissed
- C. Receive, Queue, Open, Dismiss
- D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

Is it enables you to analyze:

- A. The number of devices that are registered to receive notifications and number of notifications
- B. Number of notifications sent to specific user
- C. Receiver location details
- D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

- A. google-services.json
- B. AndroidManifest.xml
- C. Manifest.xml
- D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId
- C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service
- D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

- A. Received, Queued, Open, Dismiss
- B. Received, Queued, Opened, Dismissed
- C. Receive, Queue, Open, Dismiss
- D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

C. Manifest.xml

D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId
- C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service

D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

A. Received, Queued, Open, Dismiss

B. Received, Queued, Opened, Dismissed

C. Receive, Queue, Open, Dismiss

D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

A. Both the new and old messages are stored for the future delivery.

B. New messages are delivered and old messages are stored for future delivery

C. Both the new and old messages are delivered.

D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

A. Max, Average, Min

B. Max, Default, Min

C. High, Low, Min

D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

A. 4 weeks

B. 2 weeks

C. 1 weeks

D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

A. Would not affect on other device notifications and user can read notification on other devices also

B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId

C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service

D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

A. Received, Queued, Open, Dismiss

B. Received, Queued, Opened, Dismissed

C. Receive, Queue, Open, Dismiss

D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

A. google-services.json

B. AndroidManifest.xml

C. Manifest.xml

D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId

C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service

D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

A. Received, Queued, Open, Dismiss

B. Received, Queued, Opened, Dismissed

C. Receive, Queue, Open, Dismiss

D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

FCM intent service and intent filters are included in:

A. google-services.json

B. AndroidManifest.xml

C. Manifest.xml

D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

A. Both the new and old messages are stored for the future delivery.

B. New messages are delivered and old messages are stored for future delivery

C. Both the new and old messages are delivered.

D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId
- C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service
- D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

- A. Received, Queued, Open, Dismiss
- B. Received, Queued, Opened, Dismissed
- C. Receive, Queue, Open, Dismiss
- D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId

C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service

D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

A. Received, Queued, Open, Dismiss

B. Received, Queued, Opened, Dismissed

C. Receive, Queue, Open, Dismiss

D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

How long FCM server can store the notification message and try to deliver?

A. 4 weeks

B. 2 weeks

C. 1 weeks

D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

A. Would not affect on other device notifications and user can read notification on other devices also

B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId

C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service

D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

- A. Received, Queued, Open, Dismiss
- B. Received, Queued, Opened, Dismissed
- C. Receive, Queue, Open, Dismiss
- D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

notifications and number of notifications

- B. Number of notifications sent to specific user
- C. Receiver location details
- D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

- A. google-services.json
- B. AndroidManifest.xml
- C. Manifest.xml
- D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId
- C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service
- D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

- A. Received, Queued, Open, Dismiss
- B. Received, Queued, Opened, Dismissed
- C. Receive, Queue, Open, Dismiss
- D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

C. Manifest.xml

D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

A. Both the new and old messages are stored for the future delivery.

B. New messages are delivered and old messages are stored for future delivery

C. Both the new and old messages are delivered.

D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

A. Max, Average, Min

B. Max, Default, Min

C. High, Low, Min

D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

A. 4 weeks

B. 2 weeks

C. 1 weeks

D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId
- C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service
- D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

- A. Received, Queued, Open, Dismiss
- B. Received, Queued, Opened, Dismissed
- C. Receive, Queue, Open, Dismiss
- D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId
- C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service
- D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

- A. Received, Queued, Open, Dismiss
- B. Received, Queued, Opened, Dismissed
- C. Receive, Queue, Open, Dismiss
- D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

FCM intent service and intent filters are included in:

- A. google-services.json
- B. AndroidManifest.xml

C. Manifest.xml

D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

A. Both the new and old messages are stored for the future delivery.

B. New messages are delivered and old messages are stored for future delivery

C. Both the new and old messages are delivered.

D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

A. Max, Average, Min

B. Max, Default, Min

C. High, Low, Min

D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

A. 4 weeks

B. 2 weeks

C. 1 weeks

D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

A. Would not affect on other device notifications and user can read notification on other devices also

- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId
- C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service
- D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

- A. Received, Queued, Open, Dismiss
- B. Received, Queued, Opened, Dismissed
- C. Receive, Queue, Open, Dismiss
- D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

FCM intent service and intent filters are included in: The Push Notification service also enables you to analyze:

- A. The number of devices that are registered to receive notifications and number of notifications
- B. Number of notifications sent to specific user
- C. Receiver location details
- D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

- A. google-services.json
- B. AndroidManifest.xml
- C. Manifest.xml
- D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId

C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service

D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

A. Received, Queued, Open, Dismiss

B. Received, Queued, Opened, Dismissed

C. Receive, Queue, Open, Dismiss

D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

A. google-services.json

B. AndroidManifest.xml

C. Manifest.xml

D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

A. Both the new and old messages are stored for the future delivery.

B. New messages are delivered and old messages are stored for future delivery

C. Both the new and old messages are delivered.

D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

A. Max, Average, Min

B. Max, Default, Min

C. High, Low, Min

D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

A. 4 weeks

B. 2 weeks

C. 1 weeks

D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

A. Would not affect on other device notifications and user can read notification on other devices also

B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId

C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service

D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

A. Received, Queued, Open, Dismiss

B. Received, Queued, Opened, Dismissed

C. Receive, Queue, Open, Dismiss

D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId
- C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service

D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

A. Received, Queued, Open, Dismiss

B. Received, Queued, Opened, Dismissed

C. Receive, Queue, Open, Dismiss

D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

FCM intent service and intent filters are included in:

A. google-services.json

B. AndroidManifest.xml

C. Manifest.xml

D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

A. Both the new and old messages are stored for the future delivery.

B. New messages are delivered and old messages are stored for future delivery

C. Both the new and old messages are delivered.

D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

A. Max, Average, Min

B. Max, Default, Min

C. High, Low, Min

D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

A. 4 weeks

B. 2 weeks

C. 1 weeks

D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

A. Would not affect on other device notifications and user can read notification on other devices also

B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId

C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service

D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

A. Received, Queued, Open, Dismiss

B. Received, Queued, Opened, Dismissed

C. Receive, Queue, Open, Dismiss

D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

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Correct Answer: OPTION B

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Correct Answer: OPTION B

Correct Answer: OPTION A

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B. Received, Queued, Opened, Dismissed

C. Receive, Queue, Open, Dismiss

D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

- A. IBM Cloud Identity and Access Management
- B. IBM Cloudant Legacy
- C. Either of mentioned
- D. All of the mentioned

Correct Answer: OPTION B

Which authentication credentials must be only given to Managers since that include greater access permissions?

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What are the main advantages of using IBM Cloud IAM?

- A. Credentials can be easily revoked and rotated when you use IBM Cloud IAM.
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- D. No way to specify a database as "public", that is, not requiring an authorized user to access.

Correct Answer: OPTION A

In IBM cloudant Lite plan, data storage is capped at:

- A. 500 MB
- B. 1 GB
- C. 2 GB
- D. None of the mentioned

Correct Answer: OPTION B

IBM Cloudant Query is based on:

- A. View index
- B. Search index
- C. Combination of a view and a search index.
- D. None of the mentioned

Correct Answer: OPTION C

The link to Download IBM Cloud supported Eclipse IDE

- A. <https://eclipse.com>
- B. <https://www.ibm.com/in-en/cloud/eclipse>
- C. <https://www.ibm.com/eclipse>
- D. <https://eclipse.org>

Correct Answer: OPTION B

To run an application in eclipse this must be set in environmental variables

- A. java path
- B. java ide path
- C. eclipse path
- D. project path

Correct Answer: OPTION A

The ibm/liberty image dockerfiles can be found in the

- A. ci.docker GitHub repository
- B. WASdev/ci.docker GitHub repository
- C. WASdev/ci.docker
- D. ibm/liberty.docker GitHub repository

Correct Answer: OPTION B

To run an application from eclipse we need to create

- A. Tomcat server
- B. Apache server
- C. Ibm blue mix server
- D. Glass fish server

Correct Answer: OPTION C

In java jsp stands for

- A. Java servlet page
- B. Java standard page
- C. Java simple page
- D. Java sever page

Correct Answer: OPTION D

In Java JDK, JDK Stands for

- A. Java Development Kit
- B. Jade developer kit
- C. Java dashboard kit
- D. ava driver kit

Correct Answer: OPTION A

While running an application on eclipse

- A. Only user name is required
- B. Only password is required
- C. Both user name and password is required
- D. None of the Mention

Correct Answer: OPTION C

While selecting space for eclipse project, we should select

- A. India
- B. Dev
- C. Current Project directory
- D. All of the Mention

Correct Answer: OPTION B

While creating eclipse project which option can be select from file menu

- A. Dynamic web project
- B. Ibm web project
- C. Ibm cloud web project
- D. Ibm cloud dynamic web project

Correct Answer: OPTION A

The extension if manifest file is

- A. .html
- B. .pom
- C. .yml
- D. .jsp

Correct Answer: OPTION C

_____ provides access to fundamental resources such as physical machines, virtual machines, virtual storage, etc.

- A. PaaS
- B. SaaS
- C. IaaS
- D. XaaS

Correct Answer: OPTION C

_____ provides the runtime environment for applications, development and deployment tools, etc.

- A. PaaS
- B. SaaS
- C. XaaS
- D. IaaS

Correct Answer: OPTION A

_____ model allows to use software applications as a service to end-users.

- A. IaaS
- B. PaaS
- C. SaaS
- D. XaaS

Correct Answer: OPTION C

DigitalOcean is an example for

- A. PaaS
- B. IaaS
- C. XaaS
- D. SaaS

Correct Answer: OPTION B

Heroku is an example for

- A. XaaS
- B. IaaS
- C. SaaS
- D. PaaS

Correct Answer: OPTION D

Cloud Computing is emerging as a new paradigm that aims to deliver computing as a

- A. Value
- B. Utility
- C. Indiscretion
- D. Loss

ANSWER : B

Cloud services leverage on technologies such as _____ to rapidly meet the rise and fall of user load and service demand.

- A. Servers
- B. Pay-On-Demand
- C. Server and storage virtualization
- D. Services

ANSWER : C

_____ improves the utilization of the cloud resources.

- A. Elasticity
- B. Storage
- C. Server Programming
- D. Easiness

Correct Answer: OPTION A

pay-per-use is for

- A. Service providers
- B. Consumers
- C. Both service providers and consumers

D. None of the mention

Correct Answer: OPTION C

_____ have enabled several organizations to share the same cloud computing resources without worrying about data spilling into each other's logical boundaries.

A. Multitenancy solutions

B. Easy to use

C. Less cost

D. Virtual Server.

Correct Answer: OPTION A

The combined computational power of large amounts of physical and virtual servers provides a

A. Security.

B. Reliability.

C. Cost-effective pooling of resources

D. Costly pooling of resources.

Correct Answer: OPTION C

Cloud services hinge on the _____ infrastructure, and as such provide a ubiquitous availability of services as long as there is an Internet connection.

A. Particular Regions

B. Internet

C. Particular organizations.

D. None of the mention.

Correct Answer: OPTION B

Consumers are able to help themselves by

A. Large virtual servers.

- B. On-demand self-service.
- C. Large Infrastructure
- D. Large Servers.

Correct Answer: OPTION B

Cloud provides

- A. Flexibility
- B. Disaster recovery
- C. Work from Anywhere
- D. All the mention

Correct Answer: OPTION D

Following is not true to the cloud

- A. Automatic software updates.
- B. Capital-expenditure Free.
- C. Document control.
- D. Not Suitable for Big Business

Correct Answer: OPTION D

To set up the Push Notifications service on the console, we need:

- A. FCM credentials
- B. GCM credentials
- C. ACM credentials
- D. None of the mentioned

ANSWER: A

In Push Notification Lite plan, how many digital messages are allowed per month?

- A. 1000

- B. 10000
- C. 100000
- D. 1000000

ANSWER: C

Package name of android application is available in file:

- A. google-services.json
- B. AndroidManifest.xml
- C. Credentials.xml
- D. None of the mentioned

ANSWER: B

Push Notifications service now extends capabilities to monitor the push performance by:

- A. Generating logs from user data
- B. Generating graphs from user data
- C. Generating tabular data
- D. Could not monitor push performance

ANSWER: B

When a device comes online, it receives notifications from the FCM server, and displays:

- A. Only the latest notification bearing the same collapse key
- B. All the notification bearing the same collapse key
- C. Last 5 notifications bearing the same collapse key
- D. None of the mentioned

ANSWER: A

Gateway used to deliver Push Notifications to Android devices for new apps are:

- A. Android Cloud Messaging
- B. Google Cloud Messaging
- C. Firebase Cloud Messaging
- D. None of the mentioned

ANSWER: C

Which of the following statements are NOT correct?

- A. Push initialization code are available in MainActivity.java file
- B. Registration for notifications happens in MainActivity.java file
- C. Gradle build will download all the dependencies as per project/code requirements.
- D. Push and Analytics are included in AndroidManifest.xml.

ANSWER: D

Which statement is incorrect in Node JS?

- A. Node is Open Source
- B. Server Side Java Code
- C. Server Side Javascript Code
- D. Cross-Platform

ANSWER: B

On Which of the following platform Node Js Application can run?

- A. Windows
- B. Linux
- C. Mac Os X
- D. All of the mentioned

ANSWER: D

Which of the following is used to install Node Packages?

- A. nmp
- B. npm
- C. node
- D. nodejs

ANSWER: B

Which file holds the metadata information of a Node Js Project?

- A. manifest.json
- B. meta.inf
- C. package.json
- D. meta.json

ANSWER: C

Which module is used to run a node application on a web browser?

- A. express
- B. server
- C. http
- D. client

ANSWER: C

How to run a nodejs file using CLI?

- A. js filename.js
- B. js filename.node
- C. node filename
- D. node filename.js

ANSWER: D

What platform has to be selected to create a mobile applicaion in IBM Cloud?

- A. Java
- B. Python
- C. Android
- D. Javascript

Answer: C

Where the metadata information of the Android application is saved ?

- A. AndroidManifest.xml
- B. mobileManifest.xml
- C. AndroidManifest.json
- D. mobileManifest.json

Answer: A

What is Docker?

- A. Container
- B. Application
- C. Language
- D. Something else

Answer: A

What is FCM?

- A. Firebase Cloud Manager
- B. Firewall Cloud Manager
- C. Firebase Cloud Messaging
- D. Firewall Cloud Messaging

Answer: C

What is Android SDK?

- A. Android Software Development Kit
- B. Android Server Development Kit
- C. Android Software Deployment Kit
- D. None of the mentioned

Answer: A

Traditional software delivery practices are insufficient for the following reasons:

- A. Time-consuming manual software deployments
- B. Lack of traceability from requirements to test
- C. Inabilities to quickly react to application issue or customer feedback
- D. All of the mentioned

ANSWER: D

Maven need following file to build its project:

- A. XML file
- B. WAR file
- C. POM file
- D. Droplet

ANSWER: C

IBM Bluemix Continuous Delivery provides following benefits:

- A. All of the mentioned
- B. Easier to develop, build, and deploy applications on the IBM Cloud
- C. Includes project templates for over a dozen common development scenarios
- D. Create your own template to develop and deploy apps written in languages such as javascript, node, swift, php, ruby, and python.

ANSWER: A

Enable continuous delivery Button will include the following with project:

- A. manifest.yml and WAR file
- B. Git repository, issue tracker and automated delivery pipeline
- C. automated delivery pipeline only
- D. git repository and microgateway

ANSWER: B

In IBM Cloud, creating and configuring our own toolchain helps you choose:

- A. Region & Cloud Type
- B. All of the mentioned
- C. Repository type
- D. Pipeline

ANSWER: B

Which of the following belong to JSON types?

- A. String type
- B. Null type
- C. Object Type
- D. All of the mentioned

ANSWER: D

What are the benefits of using IBM Cloudant services to customers:

- A. Cloudant unburdens the customer from database administration task,
- B. Cloudant guarantees its customers the high availability, scalability, simplicity, and performance that modern web and mobile applications demand
- C. Allows developers to focus entirely on building better social & mobile applications
- D. All of the mentioned

ANSWER: D

Open source backbone of Cloudant is:

- A. DynamoDB
- B. CollectD
- C. CouchDB
- D. None of the mentioned

ANSWER: C

Which Authentication methods are required to access each service instance with its own set of credentials?

- A. IBM Cloud Identity and Access Management
- B. IBM Cloudant Legacy
- C. Either of mentioned
- D. All of the mentioned

ANSWER: B

Which authentication credentials must be only given to Managers since that include greater access permissions?

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ANSWER: B

What are the main advantages of using IBM Cloud IAM?

- A. Credentials can be easily revoked and rotated when you use IBM Cloud IAM.
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ANSWER: A

In IBM cloudant Lite plan, data storage is capped at:

A. 500 MB

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IBM Cloudant Query is based on:

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C. Combination of a view and a search index.

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ANSWER: C

The link to Download IBM Cloud supported Eclipse IDE

A. <https://eclipse.com>

B. <https://www.ibm.com/in-en/cloud/eclipse>

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D. <https://eclipse.org>

ANSWER: B

To run an application in eclipse this must be set in environmental variables

A. java path

B. java ide path

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D. project path

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The ibm/liberty image dockerfiles can be found in the

A. ci.docker GitHub repository

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In java jsp stands for

A. Java servlet page

B. Java standard page

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D. Java sever page

ANSWER: D

In Java JDK, JDK Stands for

A. Java Development Kit

B. Jade developer kit

C. Java dashboard kit

D. ava driver kit

ANSWER: A

While running an application on eclipse

A. Only user name is required

B. Only password is required

C. Both user name and password is required

D. None of the Mention

ANSWER: C

To install the latest CLI for your Unix from the shell manually following command is use

A. Install `https://clis.cloud.ibm.com/install/linux | sh`

B. `curl -fsSL https://clis.cloud.ibm.com/install/linux | sh`

C. `sudo Install https://clis.cloud.ibm.com/install/linux | sh`

D. `Install https://clis.cloud.ibm.com/install/linux | sh --save`

ANSWER: B

Command for Updating to latest version of CLI

A. `Ibmcloud cli update`

B. `Ibmcloud-cli update`

C. `Ibmcloud update`

D. `Update ibmcloud`

ANSWER: C

To install the IBM Cloud developer tools plug-in, run the following command

A. `ibmcloud plugin install dev`

B. `install ibmcloud dev`

C. `sudo install ibmcloud`

D. `sudo install ibmcloud dev □save`

ANSWER: A

To install the IBM Cloud Object Storage plug-in, run the following command

A. `install cloud-object-storage`

B. `sudo install cloud-object-storage`

C. `ibmcloud plugin install cloud-object-storage`

D. None of the mention

ANSWER: C

We use ___ flag with `docker build` to point to a Dockerfile.

A. `-f`

B. `-p`

C. `-d`

D. `-df`

ANSWER: A

Command to install cf CLI

A. `sudo apt-get install cf-cli`

B. `install cf-cli`

C. `curl install cf-cli`

D. `sudo install cf-cli`

ANSWER: A

What is the region name of eu-gb

A. US

B. UK

C. Sydney

D. None of the Mention

ANSWER: B

SIEM means

A. Standard integration with event Management

B. Security Information and Event Management

C. System information Emergency Management

D. Secure Information Emergency Management

ANSWER: B

Pushing an app to IBM Cloud refer to

A. IBM ID, Password, organization, space,route

B. IBM ID, Password, space, route, API endpoints

C. IBM ID, Password, organization, space, application name

D. IBM ID, Password, organization, spaces, Api endpoint

ANSWER : D

In IBM Bluemix PaaS, what is the role of a buildpack in staging an application?

A. push application code from the development workstation to IBM Bluemix Cloud Foundry

B. notify successful application instance start to the Diego Bulletin Board System (BBS)

C. start application request handling by sending a status message to the Router

D. to provide app runtime, dependency management, and compile support on the Diego Cell

ANSWER: D

Tool chain Stages in IBM Bluemix continuous deliveryApplication access control lists

- A. code-Deliver-Think
- B. Think-Code-Deliver
- C. Code-Think-Deliver
- D. Think-Deliver-Code

ANSWER: B

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ANSWER: B

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ANSWER: C

DigitalOcean is an example for

A. PaaS

B. IaaS

C. XaaS

D. SaaS

ANSWER: B

Heroku is an example for

A. XaaS

B. IaaS

C. SaaS

D. PaaS

ANSWER: D

Is customizing of Dashboard is possible in ibm cloud

A. May be

B. Yes

C. No

D. Never

ANSWER: B

Watson Studio has

A. Dynamic Dashboard

B. Static Dashboard

C. All of the Mentioned

D. None of the Mentioned

ANSWER: A

Is it possible to add Widgets to Dashbaord

A. May be

B. Yes

C. No

D. Never

ANSWER: B

Widgets of Dashboard can include

A. Text

B. Media

C. web pages

D. All of the Mention

ANSWER: D

Do IBM provides adding a new Dashboard

A. Yes

B. No

C. IBM only provides single dashboard

D. Dashboard is not available with IBM

ANSWER: A

Cloud Computing is emerging as a new paradigm that aims to deliver computing as a

A. Value

B. Utility

C. Indiscretion

D. Loss

ANSWER : B

Cloud services leverage on technologies such as _____ to rapidly meet the rise and fall of user load and service demand.

A. Servers

B. Pay-On-Demand

C. Server and storage virtualization

D. Services

ANSWER : C

_____ improves the utilization of the cloud resources.

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B. Storage

C. Server Programming

D. Easiness

ANSWER: A

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B. Consumers

- C. Both service providers and consumers
- D. None of the mention

ANSWER: C

_____ have enabled several organizations to share the same cloud computing resources without worrying about data spilling into each other' s logical boundaries.

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- B. Easy to use
- C. Less cost
- D. Virtual Server.

ANSWER: A

The combined computational power of large amounts of physical and virtual servers provides a

- A. Security.
- B. Reliability.
- C. Cost-effective pooling of resources
- D. Costly pooling of resources.

ANSWER: C

Choose correct statement for liberty server:

- A. Liberty is a highly composable, fast to start, dynamic application server runtime environment.
- B. Liberty is highly flexible virtual machine.
- C. Liberty does includes a Java runtime environment (JRE).
- D. Liberty is a fast to start, static application server runtime environment.

Answer: A

What models of application deployment are supported by Liberty?

- A. Deploy an application by dropping it into the dropins directory.
- B. Deploy an application by adding it to the server configuration file.
- C. Both by dropping it into the dropins directory and by adding it to the server configuration file.
- D. None is true

Answer: C

Liberty is part of which Application Server programming model ?

- A. WebSphere Application Server programming model
- B. API management utilities
- C. Cloud Event Management
- D. IBM Cloud Identity

Answer: A

With IBM WebSphere Application Server for IBM Cloud, you can set up a:

- A. Traditional pre-configured WebSphere Application Server.
- B. WebSphere Application Server with Liberty environment.
- C. Both traditional pre-configured WebSphere and Liberty environment.
- D. Blockchain platform.

Answer: C

Liberty supports a subset of the following parts of the full WebSphere® Application Server programming model:

- A. Web applications
- B. OSGi applications
- C. Enterprise JavaBeans (EJB) applications
- D. Web, OSGi and Enterprise JavaBeans (EJB) applications

Answer: D

Which associated services are available with WebSphere Application Server programming model supported by Liberty server?

- A. Transactions
- B. Security
- C. Security and Transactions
- D. Blockchain

Answer: C

Choose the correct definition of the features with respect to Liberty Server.

- A. Features are the units of functionality by which you control the pieces of the runtime environment that are loaded into a particular server.
- B. Features are the piece of independent applications which can not be created manually.
- C. Features are the functions that are inbuilt in the operating systems and can not be loaded into a particular server.
- D. Features has nothing to do with server and its of Install Eclipse tools for IBM Cloud Foundry.

Answer: A

Choose the incorrect statement for Open Liberty Server.

- A. Open Liberty is a lightweight open source Java runtime that is built by using modular features.
- B. WebSphere Liberty is a commercial version of Open Liberty.
- C. Liberty zero-migration architecture to move to the latest version of Liberty with minimal impact to your current application. Install Eclipse tools for IBM Clouds and configurations.
- D. None is true

Answer: D

How does the IBM Cloud database for MongoDB ease the developer's use?
By taking advantage of :

A.Indexing and querying driver support

B.Open source document.

C.Tuning

D. Indexing and querying driver support, Open source document., Tuning

Answer : D

What is the disadvantage of NoSql databases in comparison to SQL databases?

A.Database administration

B.Scalability.

C.support

D. Economy

Answer: C

Which are the services used with NoSql databases that stores data in documents:

A. Compose for MongoDB

B.Compose of Redis

C.Cloudant

D. Cloudant and Compose for MongoDB

Answer : D

Which is not a feature of IBM cloud databases?

A.OpenSource

B.Serverless scaling

C.Inflexibility

D. Secure

Answer: C

How are IBM Cloud databases for MongoDB secure?

- A. Secured by TLS connection
- B. By using a shared server.
- C. By using WAF alone
- D. Linking databases and web servers

Answer: A

Which is the first step to connecting cloud foundry application to Cloud Database?

- A. Create a Manifest file
- B. Configure your application
- C. Push the application to Cloud
- D. Create a cloud foundry Alias

Answer : D

What does the management console of Cloud database support?

- A. Database Settings
- B. Backup administration
- C. Activity tracker
- D. Database Settings, Backup administration

Answer : D

INTERMEDIATE

A cloud architect must consider resiliency options when migrating enterprise workloads to the cloud. What are some of the backup and recovery options that a cloud infrastructure provider should consider as part of their offering?

- A. Backup and recovery for missing data in the database.
- B. Backup and recovery for Error 404, Application file not found.
- C. Backup and recovery for the customer's application password.

D. Backup and recovery of snapshots for database and application

Correct Answer: OPTION D

What are three components provided by an Infrastructure as a Service provider?

A. storage

B. network

C. compute

D. database

Correct Answer: OPTION A, B and C

Geographic distribution of data across a cloud provider's network is a problem for many enterprises because of it:

A. Breaks compliance regulations

B. Adds latency

C. Raises security concerns

D. Makes data recovery harder

Correct Answer: OPTION A

Cloud computing networks are designed to support only private or hybrid clouds.

A. True

B. False

Correct Answer: OPTION B

This is a software distribution model in which applications are hosted by a vendor or service provider and made available to customers over a network, typically the Internet.

A. Platform as a Service (PaaS)

B. Infrastructure as a Service (IaaS)

C. Software as a Service (SaaS).

D. Hardware as a Service(HaaS)

Correct Answer : OPTION C

Which of the following statements about Google App Engine (GAE) is INCORRECT.

A. It's a Platform as a Service (PaaS) model.

B. Automatic Scalability is built in with GAE. As a developer, you don't need to worry about application scalability

C. You can decide on how many physical servers required for hosting your application.

D. The applications deployed on GAE have the same security, privacy and data protection policies as that of Google's applications. So, applications can take advantage of reliability, performance and security of Google's infrastructure.

Correct Answer: OPTION C

What is the name of the organization helping to foster security standards for cloud computing?

A. Cloud Security Standards Working.

B. Cloud Security Alliance

C. Cloud Security WatchDog

D. Security in the Cloud Alliance

Correct Answer: OPTION C

Which model of cloud computing services provides the servers, storage devices, and networks for a subscriber?

A. Infrastructure-as-a-Service (IaaS)

B. Platform-as-a-Service (PaaS)

C. Communication-as-a-Service (CaaS)

D. Software-as-a-Service (SaaS)

Correct Answer: OPTION A

Which cloud deployment model is operated solely for a single organization and its authorized users?

- A. Community cloud
- B. Hybrid cloud
- C. Public cloud
- D. Private cloud

Correct Answer: OPTION D

In which category of SaaS services does customer relationship management (CRM) software fall?

- A. Consumer services
- B. Communication services
- C. Infrastructure services
- D. Business services

Correct Answer: OPTION D

Which is considered the most widely used cloud computing service?

- A. Infrastructure-as-a-Service (IaaS)
- B. Platform-as-a-Service (PaaS)
- C. Communication-as-a-Service (CaaS)
- D. Software-as-a-Service (SaaS)

Correct Answer: OPTION D

Which refers to the practice of a primary cloud provider offering services that are distributed

through another cloud provider?

- A. Hybrid cloud
- B. Composite cloud
- C. Virtualization
- D. Grid computing

Correct Answer: OPTION B

Point out the wrong statement:

- A. Cloud services are having a major impact on cellular phone technology, and vice versa

- B. Very few smartphones come with native applications that consume Web services
- C. Mobile application developers are staging their apps in the cloud, and a number of hosting services provide support for this
- D. All the mentioned

Correct Answer: OPTION B

Which of the following factors needs to be considered while moving from smartphone execution to a virtual machine running in the cloud ?

- A. Network bandwidth
- B. Memory
- C. Processing power
- D. None of the mentioned

Correct Answer : OPTION A

Point out the correct statement :

- A. To use a Web service, a device does not need to know about that service and know how to access it
- B. Mobile devices can transmit specific information about the condition of the device and its user
- C. Pull services are an important mechanism in e-mail and in certain forms of publishing
- D. All the above

Correct Answer : OPTION D

Which of the following feature is highly emphasized in open system for mobile application ?

- A. Integrity
- B. Simplicity
- C. Interoperability
- D. Scalability

Correct Answer: OPTION C

What is access management?

- A. Access management help developer in migrating data from one location to the other

- B. Access Management support enable developer in transmitting data
- C. Access management enables you to control which users see, create, use, and manage resources in your account
- D. Access Management is a data retrieval system

Correct Answer: OPTION C

Which of these companies specializes in cloud computing management tools and services?

- A. RightScale
- B. Google
- C. Salesforce.com
- D. Savis

Correct Answer: OPTION C

Cloud Service Consists of

- A. Platform, Software, Infrastructure
- B. Software, Hardware, Infrastructure
- C. Hardware, Software, VMWare
- D. Platform, Hardware, Infrastructure

Correct Answer: OPTION A

Amazon Web Services is which type of cloud computing distribution model?

- A. Hardware as a service
- B. Platform as a service
- C. Software as a service
- D. Infrastructure as a service

Correct Answer: OPTION D

What kinds of things can be specified in a "Manifest"?

- A. Command to run the app
- B. Number of instances
- C. Memory size
- D. All the above

Correct Answer: OPTION D

What are the "log types" that you can expect to find in Cloud Foundry logs?

- A.API
- B.STG
- C.LGR
- D.PPG

Correct Answer: OPTION D

What is the purpose of a "Buildpack"?

- A. Extend CF to handle other languages/frameworks
- B. Handle UI/UX responsibilities
- C. Designing UI framework
- D. Designing UX framework

Correct Answer : OPTION A

What kinds of services are not available in the services marketplace?

- A. 3scale
- B. BlazeMeter
- C. Cedexis Openmix
- D. Spaces

Correct Answer: OPTION D

Which of the following is not a valid deployment model?

- A. Broker packaged and deployed by BOSH alongside Cloud Foundry, rest of the service deployed and maintained by other means
- B. Broker pushed as an application to Cloud Foundry userspace
- C. Entire service, including broker, deployed and maintained outside of Cloud Foundry by other means
- D. Traffic between applications and services does not flow through the broker we found the term gateway caused confusion

Correct Answer: OPTION D

_____ is a paradigm of distributed computing to provide the customers on-demand, utility-based computing service.

- A. Remote Sensing
- B. Remote Invocation
- C. Cloud Computing
- D. Private Computing

Correct Answer: OPTION C

Which of the following is not a cloud stakeholder?

- A. Cloud providers
- B. Clients
- C. End users
- D. Cloud users

Correct Answer : OPTION B

These cloud services are of the form of utility computing i.e. the _____ uses these services pay-as-you-go model.

- A. Cloud providers
- B. Clients
- C. End users
- D. Cloud users

Correct Answer: OPTION D

Which of the following is not a type of cloud?

- A. Private
- B. Public
- C. Protected
- D. Hybrid

Correct Answer: OPTION C

In this type of cloud, the cloud is composed of multiple internal or external cloud.

- A. Private
- B. Public
- C. Protected
- D. Hybrid

Correct Answer: OPTION D

_____ enables the migration of the virtual image from one physical machine to another.

- A. Visualization
- B. Virtualization
- C. Migration
- D. Transfer

Correct Answer: OPTION B

How can the administrator modify the console session expiration?

- A. Add the user ID to the iscadmins role.
- B. Modify the browser settings to use session cookies.
- C. Modify the invalidation Timeout tuning parameter.
- D. Disable single sign-on interoperability mode for the LTPA token.

Correct Answer: OPTION C

A system administrator discovers that the wsadmin output for the command `AdminApp.view('MyApp')` includes several accented characters that do not display properly. The system administrator realizes that these are Unicode characters. Which argument list should the administrator use to properly display the output from wsadmin?

- A. `wsadmin -c "print AdminApp.view('MyApp')"`
- B. `wsadmin -lang ANSI -c AdminApp.view('MyApp')`
- C. `wsadmin -c AdminApp.view('MyApp') >! SystemOut`
- D. `wsadmin -javaoption -Dprofile.encoding=Cp104 -c AdminApp.view('MyApp')`

Correct Answer : OPTION D

Which of the following feature is used for scaling of EC2 sites ?

- A. Auto Replica
- B. Auto Scaling
- C. Auto Ruling

D. Auto Partition

Correct Answer: OPTION B

Which of the following is an online backup and storage system?

- A. Amazon Elastic Compute Cloud
- B. Amazon Simple Queue Service
- C. Amazon Simple Notification Service
- D. Amazon Simple Storage System

Correct Answer: OPTION D

Which infrastructure type requires the least configuration in order to host an

app?

- A. IBM Container
- B. IBM SoftLayer
- C. Virtual Machines
- D. Cloud Foundry

Correct Answer: OPTION D

What user role can delete an application within a Bluemix space?

- A. Space developer
- B. Organization manager
- C. Space auditor
- D. Billing manager

Correct Answer : OPTION A

What do you need in order to create a Bluemix account?

- A. a copy of Eclipse
- B. a license keys
- C. a container
- D. an IBM ID

Correct Answer: OPTION D

What is a predefined service provided by Bluemix?

- A. Python
- B. Java
- C. PHP
- D. Messaging

Correct Answer: OPTION D

What is the advantage of an environmental variable in your Bluemix application?

- A. Configuration settings without hardcoding values
- B. Points to a package of templates
- C. Binds a service to an application
- D. Creates an extension to the cloud environment

Correct Answer: OPTION A

In which type of cloud model is the service user responsible for the creation and maintenance of the software application, but not the operating system or middleware?

- A. infrastructure as a service
- B. platform as a service
- C. software as a service
- D. traditional on-premise

Correct Answer: OPTION B

What does IBM Bluemix give developers to run their applications on?

- A. platforms
- B. analytics
- C. services
- D. runtimes

Correct Answer: OPTION A

What is an advantage of a cloud computing architecture over traditional IT architecture?

- A. Data is stored in one single secure location
- B. Provides scalability and elasticity for user workloads
- C. Increases the application life cycle for organizations
- D. The service user has complete control of server hardware

Correct Answer: OPTION B

Which pre-built service is provided by Bluemix?

- A. Ruby Community
- B. Big Data
- C. Python Community
- D. Cloud

Correct Answer: OPTION B

What are API marketplaces?

- A. They are application stores for APIs that offer a variety of capabilities including multi-tenancy.
- B. They are the location where third-party cloud service providers cross-connect their networks.
- C. They are where developers create APIs for consumption by lines of business looking to use cloud service providers.
- D. They are where developers go to offer their services in creating functions for cloud computing public, private, and hybrid environments.

Correct Answer: OPTION C

A company wants to use cloud services in the future. What needs to be done first?

- A. Use cloud migration services to move their production workload into a managed cloud.
- B. Ask the IT department to work out a plan to reduce capital expenses using cloud services.

C. Analyze existing business processes and determine which of them can be realized using cloud

services.

D. Ask the IT department to order multiple virtual machines from different cloud service providers and test them for performance

Correct Answer: OPTION C

Which two options describe security measures for people within a cloud solution?

A. Data Policy Management

B. Threat and Intrusion Protection

C. Physical and Personal Security

D. Identity and Access Management

Correct Answer: OPTION C and D

IBM App Connect Enterprise software

A. Combines the existing industry-trusted IBM Integration Bus technology with new cloud-native technologies

B. Aligns existing IBM Integration Bus technology

C. Generates security signals for data security

D. Supports Docker image

Correct Answer: OPTION A

In an event-driven flow.....

A. You will analyse signals for data security

B. You will link the event to the actions

C. You will link a new contact in Salesforce and as a new task

D. You will identify an event that can occur in your first application

Correct Answer OPTION D

Which of the following is not a function of API?

A. Create

B. Retrieve

- C. Analyse
- D. Update

Correct Answer OPTION C

CRUD Stands for.....

- A. Create, Retrieve, Update, or Delete
- B. Create, Redesign, Understand or Delegate
- C. Case, Refine, Update, Design
- D. Create, Realign, Update, Design

Correct Answer OPTION A

What is the function of advanced mode editing

- A. Specify data in JavaScript Object Notation
- B. App Connect provides a built-in property editor
- C. Expose fields that are not needed for general use, and so are hidden in the default edit view for an action
- D. Add utilities from the App Connect toolbox to your flows

Correct Answer OPTION C

_____ as a utility is a dream that dates from the beginning of the computing industry itself.

- A. Model
- B. Computing
- C. Software
- D. All the mentioned

Correct Answer OPTION B

Which of the following is an essential concept related to Cloud?

- A. Reliability
- B. Productivity
- C. Abstraction
- D. All the mentioned

Correct Answer OPTION C

Point out the wrong statement :

- A. All applications benefit from deployment in the cloud
- B. With cloud computing, you can start very small and become big very fast
- C. Cloud computing is revolutionary, even if the technology it is built on is evolutionary
- D. None of the mentioned

Correct Answer OPTION A

Which of the following cloud concept is related to pooling and sharing of resources?

- A. Polymorphism
- B. Abstraction
- C. Virtualization
- D. None of the mentioned

Correct Answer OPTION C

_____ has many of the characteristics of what is now being called cloud computing.

- A. Internet
- B. Software
- C. Web Service
- D. All the mentioned

Correct Answer OPTION A

Which of the following can be identified as cloud ?

- A. Web Applications
- B. Intranet
- C. Hadoop
- D. All the mentioned

Correct Answer OPTION C

Cloud computing is an abstraction based on the notion of pooling physical resources and presenting them as a _____ resource.

- A. real
- B. virtual

- C. cloud
- D. None of the mentioned

Correct Answer OPTION B

Which of the following is Cloud Platform by Amazon?

- A. Azure
- B. AWS
- C. Cloudera
- D. All the mentioned

Correct Answer OPTION C

_____ -sizing is possible when the system load is cyclical or in some cases when there are predictable bursts or spikes in the load.

- A. Left
- B. Right
- C. Top
- D. All the mentioned

Correct Answer OPTION B

Point out the correct statement :

- A. A standard machine instance (virtual computer) might cost \$0.10 or less an hour
- B. A typical storage charge might be \$0.10 per GB/month
- C. Outsourcing shifts the burden of capital expenditures onto the service provider
- D. All the mentioned

Correct Answer OPTION D

_____ is a financial estimate for the costs of the use of a product or service over its lifetime.

- A. TCO
- B. TOC
- C. COT
- D. All the mentioned

Correct Answer OPTION A

The Microsoft _____ Platform ROI wizard provides a quick and dirty analysis of your TCO for cloud deployment on Windows Azure in an attractive report format.

- A. AWS
- B. EC2
- C. Azure
- D. All the mentioned

Correct Answer OPTION C

Point out the wrong statement :

- A. TCO must account for the real costs of items, but frequently they do not
- B. A system consumes resources such as space in a datacenter or portion of your site, power, cooling, and management
- C. Microsoft maintains an economics page for its Windows Azure Platform
- D. None of the mentioned

Correct Answer OPTION D

A _____ Level Agreement (SLA) is the contract for performance negotiated between you and a service provider.

- A. Service
- B. Application
- C. Deployment
- D. All the mentioned

Correct Answer OPTION A

Which of the following is a specified parameter of SLA?

- A. Response times
- B. Responsibilities of each party
- C. Warranties
- D. All the mentioned

Correct Answer OPTION D

When you purchase shrink-wrapped software, you are using that software based on a licensing agreement called _____

- A. EULA
- B. EUL
- C. ELA
- D. All the mentioned

Correct Answer OPTION A

Cloud computing shifts capital expenditures into _____ expenditures.

- A. operating
- B. service
- C. local
- D. None of the mentioned

Correct Answer OPTION A

Which of the following service is used for backing up a licensed computer?

- A. Carbone
- B. Karbonite
- C. Carbonite
- D. None of the mentioned

Correct Answer OPTION C

Which of the following is one of the properties that differentiate cloud computing?

- A. scalability
- B. virtualization
- C. composability
- D. All the mentioned

Correct answer OPTION C

Point out the correct statement :

- A. Cloud computing is a natural extension of many of the design principles, protocols, plumbing, and systems
- B. Platforms are used to create more easy software
- C. All SLAs are enforceable as contracts
- D. All the mentioned

Correct Answer OPTION A

A _____ is a cloud computing service that is both hardware and software.

- A. service
- B. platform
- C. model
- D. All the mentioned

Correct Answer OPTION B

Cloud computing doesn't require that _____ and software be composable.

- A. cloud
- B. database
- C. hardware
- D. All the mentioned

Correct Answer OPTION C

Point out the wrong statement :

- A. Virtual appliances are becoming a very important standard cloud computing deployment object
- B. Cloud computing requires some standard protocols
- C. Cloud computing relies on a set of protocols needed to manage interprocess communications
- D. None of the mentioned

Correct Answer OPTION D

The most commonly used set of protocols uses _____ as the messaging format.

- A. XML
- B. JSON
- C. BSON
- D. All the mentioned

Correct Answer OPTION A

Which of the following language is used to manage transactions?

- A. WSDL
- B. XML
- C. SOAP
- D. All the mentioned

Correct Answer OPTION A

Which of the architectural layer is used as backend in cloud computing?

- A. client
- B. cloud
- C. soft
- D. All the mentioned

Correct Answer OPTION B

A _____ cloud requires virtualized storage to support the staging and storage of data.

- A. soft
- B. compute
- C. local
- D. None of the mentioned

Correct Answer OPTION B

A _____ system uses components to assemble services that can be tailored for a specific purpose using standard parts.

- A. reliable
- B. scalable
- C. composable
- D. None of the mentioned

Correct Answer OPTION C

Which of the following transport protocol is used for POP3 and IMAP access in Gmail?

- A. TTP
- B. TLS
- C. HTTP
- D. All the mentioned

Correct Answer OPTION B

Point out the wrong statement:

- A. Gmail is written to look like an Internet chat utility
- B. Gmail tends to perform most of its operations such as archiving on the conversation as a whole
- C. When a conversation gets to be 50 messages long, Gmail splits the conversation into a second section
- D. All the mentioned

Correct Answer OPTION C

Mail2Web also has a mobile e-mail service based on Exchange called _____ Mobile E-mail.

- A. Mail2.com
- B. Mail2Web.com
- C. MailWeb.com
- D. All the mentioned

Correct Answer OPTION B

Which of the following is Microsoft's Webmail offering and with localized versions in 36 languages?

- A. AOL Mail
- B. Windows Live Hotmail
- C. Yahoo Mail
- D. None of the mentioned

Correct Answer OPTION B

Which of the following browser is not supported for Hotmail Service?

- A. Firefox
- B. Safari
- C. Chrome
- D. All the mentioned

Correct Answer OPTION B

If you have a local version of a file, then a version of that file stored in the cloud conforms to all three of the _____ backup rules.

- A. 3-2-1
- B. One-two-three
- C. 1-2-3
- D. All the mentioned

Correct Answer OPTION C

Which of the following is first rule according to the 3-2-1 Backup Rule by Peter Krogh?

- A. Retain three copies of any file—an original and two backups
- B. Files must be on two different media types
- C. One copy must be stored offsite
- D. All the mentioned

Correct Answer OPTION C

Which of the following is incorrect feature of cloud storage backup solution?

- A. Logon authentication
- B. Low Encryption
- C. Fast backup
- D. None of the mentioned

Correct Answer OPTION B

Point out the wrong statement:

- A. In a differential backup, the backup software can obtain the up-to-date backup from the last full backup and the last incremental backup alone
- B. Incremental backup analyzes the transactions that are in progress
- C. A cloud storage system contains a certain built-in latency, so unless the original data set is quiescent, the mirror lags the original in concurrency
- D. None of the mentioned

Correct Answer OPTION B

Which of the following is the most important feature of cloud storage listed below?

- A. Login authentication
- B. Bare file
- C. Multiplatform support
- D. Adequate bandwidth

Correct Answer OPTION A

How many bits of encryption is at least required for cloud backup storage solution?

- A. 56
- B. 84

- C. 128
- D. None of the mentioned

Correct Answer OPTION C

Which of the following is the most important client to back up in the cloud?

- A. Windows
- B. Mac
- C. Linux
- D. All the mentioned

Correct Answer OPTION D

Which of the following service does not support backup on Linux platform?

- A. Backblaze
- B. Crashplan
- C. Data preserved
- D. ADrive

Correct Answer OPTION A

Which of the following is the least important feature of cloud storage listed below?

- A. Multisite storage or replication
- B. 24×7 technical support
- C. Data versioning
- D. All the mentioned

Correct Answer OPTION A

Point out the wrong statement :

- A. Abstraction enables the key benefit of cloud computing: shared, ubiquitous access
- B. Virtualization assigns a logical name for a physical resource and then provides a pointer to that physical resource when a request is made
- C. All cloud computing applications combine their resources into pools that can be assigned on demand to users
- D. All the mentioned

Correct Answer OPTION C

Which of the following type of virtualization is also characteristic of cloud computing?

- A. Storage
- B. Application
- C. CPU
- D. All the mentioned

Correct Answer OPTION D

The technology used to distribute service requests to resources is referred to as :

- A. load performing
- B. load scheduling
- C. load balancing
- D. all the mentioned

Correct Answer OPTION C

How CLI and API support database lifecycle events?

- A.Provisioning
- B.Deletion
- C.User creation and scaling
- D.Provisioning, Deletion, User creation, and scaling

Answer : D (Provisioning,Deletion,User creation, and scaling)

Where do you enter the connection information for your database deployment?

- A.Connect to host page
- B. Connect to cloud CLI
- C.Connect to API
- D.Compass documentation

Correct Answer: OPTION A (Connect to host page)

What does IBM Cloud Databases for MongoDB offer?

- A.Community distribution of MongoDB
- B. Compatibility
- C.Community distribution of MongoDB and Compatibility
- D.Cloud CLI

Correct Answer: OPTION C

Which version of MongoDB is required with a CDI producer?

- A. MongoDB 2.3
- B. MongoDB 2.0
- C.Any version of MongoDB
- D.The latest version of MongoDB

Correct Answer: OPTION C

What are the features of WebSphere's liberty?

- A. Highly composable
- B. Start fast
- C.Less memory and easy scale
- D. Highly composable, Start fast, Less memory and easy scale

Answer : D

How is a CDI producer proving to be valuable?

- A. Provide variable interface implementations
- B. Does not create bean instances
- C.Does not produce bean instances
- D.Provides polymorphism

Answer : D

While connecting to Kubernetes service applications to deployment the deployment and cluster should be_____

- A. Same region
- B. same resource group
- C.same region and resource group
- D.same region but different resource group

Correct Answer: OPTION C

The deployments connection information lives in BINDING as what object?

- A. JSON
- B. XML
- C. DGN
- D.Python

Correct Answer: OPTION A

Which database is described as Distributed database-as-a-service(DBaaS)?

- A. MongoDB
- B. Cloudant
- C. MySQL
- D.IbmDb2

Correct Answer: OPTION B

Which application frameworks are supported by Liberty features?

- A. MicroProfile, an open source project that defines new standards and APIs to accelerate and simplify the creation of microservices.
- B. Jakarta EE and Java EE, including features for individual specifications, like JNDI or JAX-RS.

C. Spring Framework and Spring Boot, including mechanisms to make compact containers from Spring Boot's fat .jar's.

D. MicroProfile, Jakarta EE and Java EE, Spring Framework and Spring Boot are supported by Liberty Features.

Correct Answer: OPTION D

When automated systems like Kubernetes are pushing container images around, image size starts to matter. The layers in Docker images are cached to help with this problem. How Liberty helps to resolve this problem?

A. Liberty provides an efficient packaging pipeline for Docker containers.

B. Liberty provides tools and optimized support for converting Spring Boot fat .jar's into compact, optimized Docker containers.

C. Both efficient packaging pipeline for docker containers and tools and optimized support to convert spring boot.

D. Liberty doesn't provide any support to solve the said challenges.

Correct Answer: OPTION C

How Liberty's tools and optimized support works ?

A. By converting Spring Boot fat .jar's into compact, optimized Docker containers that take advantage of cached Docker image layers to improve cycle and publish times.

B. By pushing the infrequently changing library dependencies down into a separate layer, and keeping only the app classes in the top layer, iterative rebuilds, and redeployments are much faster.

C. It includes converting Spring Boot fat .jar's and pushing the infrequently changing library dependencies down into a separate layer.

D. There is no such thing like Liberty's tools and optimized support.

Correct Answer: OPTION C

Which one of the options given below is not the reason of WebSphere Liberty is the best Java runtime for the cloud?

A. Small runtime size.

B. Low memory footprint.

C. Fast startup time.

D. Cheapcost.

Correct Answer: OPTION D

Where Liberty can be used in the IBM cloud?

A. Instant Runtimes, a PaaS based on Cloud Foundry which provides the latest Liberty as the runtime for Java applications.

B. The Liberty runtime is available through the Liberty build pack, which can automatically bind your application to many of the IBM Cloud services.

C. WebSphere for IBM Cloud has instances of WebSphere (both Liberty and traditional) available for immediate use.

D. Using IBM cloud services like Instant Runtimes, Liberty build pack, WebSphere and with fully customized controlled IBM containers.

Correct Answer: OPTION D

Liberty profile can also be used as a developer environment in other PaaS solutions" which means:

A. Production use in these environments is excluded by the licensing.

B. Liberty is unsupported for these environments.

C. Liberty is fully supported by these PaaS based environments.

D. Something else.

Correct Answer: OPTION A

What are the PaaS solutions where Liberty can also be used as a developer environment?

A. Cloud Foundry, The Liberty build pack that's used in IBM Cloud can also be used by to deploy applications.

B. OpenShift Enterprise, The same build pack also forms the core of the Liberty cartridge for OpenShift v2, providing another option for production systems.

C. IBM Softlayer IaaS offering.

D. Both Cloud Foundry and OpenShift Enterprise.

Correct Answer: OPTION D

How Zero Migration contributes to WebSphere Liberty the best Java runtime for the cloud?

A. It gives ability to use existing, unmodified user files, both configuration and applications, with an updated version of the product runtime files, with no unwanted or unexpected change in behavior.

B. Elastic scaling may also involve creating and destroying application instances.

C. Liberty has a small configuration, typically a single XML file.

D. By including an HTTP session cache, SQL and non-SQL storage, message queues, social media connectivity, log analysis, and many others.

Correct Answer: OPTION A

How to install Node Js using CLI ?

A. apt-get install nodejs

B. sudo apt-get install nodejs

C. apt-get install node

D. All the the mentioned

Correct Answer: OPTION D

Which of the following command is used to install express package?

A. node express install

B. npm express install

C. npm install express

D. node install express

Correct Answer: OPTION C

Which package is used for reading the files in Node?

- A. read
- B. file
- C. fs
- D. None of the mentioned

Correct Answer: OPTION C

Which of the following Database Node Js Supports

- A. MongoDB
- B. MySQL
- C. CouchDB
- D. All the the mentioned

Correct Answer: OPTION D

Which of the following package is required in nodejs to run the command `console.log("Hello world")`?

- A. http
- B. mongoDB
- C. server
- D. none of the mentioned

Correct Answer: OPTION D

Is customizing of Dashboard is possible in ibm cloud

- A. May be
- B. Yes
- C. No
- D. Never

Correct Answer: OPTION B

Watson Studio has

- A. Dynamic Dashboard
- B. Static Dashboard
- C. All of the Mentioned
- D. None of the Mentioned

Correct Answer: OPTION A

Is it possible to add Widgets to Dashbaord

- A. May be
- B. Yes
- C. No
- D. Never

Correct Answer: OPTION B

Widgets of Dashboard can include

- A. Text
- B. Media
- C. web pages
- D. All of the Mention

Correct Answer: OPTION D

Do IBM provides adding a new Dashboard

- A. Yes
- B. No
- C. IBM only provides single dashboard
- D. Dashboard is not available with IBM

Correct Answer: OPTION A

The following data sources are supported by Watson studio Dashboard

- A. CSV files
- B. Connection to Db2 Warehouse on Cloud
- C. Connection to Compose for PostgreSQL
- D. All of the mention

Correct Answer: OPTION D

The operation you cannot perform on your dashboard action bar,

- A. Download the dashboard to your file system as a JSON file.
- B. Create a permanent URL to your saved dashboard which you can share with others.
- C. Download the dashboard to your file system as a exe file
- D. Undo and redo actions to the dashboard.

Correct Answer: OPTION C

All dashboards are listed

- A. Resource list
- B. Observability
- C. Your projects Assets page
- D. Home page

Correct Answer: OPTION C

The following command is use, when you want to allow your users to edit the dashboard is

- A. Dashboard.EDIT
- B. dashboardAPI.MODES.EDIT
- C. cloud.dashboardAPI.MODES.EDIT
- D. cloud.dashboard.EDIT

Correct Answer: OPTION B

Consider this, When the user performs a save dashboard action in your application, then your app should use which method to get a specification of the dashboard in its current edited state.

- A. The dashboardAPI.getSpec() method
- B. The dashboardAPI.edit() method
- C. The dashboardAPI.update() method
- D. The dashboardAPI.change() method

Correct Answer: OPTION A

Dashboard supports

- A. US-en &UK-en language
- B. Single language
- C. Multiple language
- D. No such option is available

Correct Answer: OPTION C

Available templates for dashboard are

- A. Single page
- B. Tabbed
- C. Infographic
- D. All of the Mention

Correct Answer: OPTION D

Can we export a dashboard to PDF

- A. Dashboard can only be export as JSON
- B. Dashboard can be export as PDF
- C. Dashboard can only be export as CSV
- D. Dashboard can not be exported

Correct Answer: OPTION B

In Dashboard while exploring your data, you cannot

- A. use data from more than one data asset in your dashboard
- B. use data from a single data asset
- C. use chrome
- D. use firfox

Correct Answer: OPTION B

In Dashboard while exploring your data, you can be able to perform

- A. View the underlying data
- B. Changing the columns or members in a visualization
- C. Selecting columns from a different data asset
- D. All of the Mention

Correct Answer: OPTION D

Following command is use to run the app locally on Liberty

- A. Mvn clean install liberty:run-server
- B. mvn install liberty:run-server
- C. sudo install liberty:run-server
- D. install liberty:run-server

Correct Answer: OPTION B

Following command is use to target a Cloud Foundry org and space

- A. cf push -cf
- B. cli target-cf
- C. cf-cli target -cf
- D. ibmcloud target -cf

Correct Answer: OPTION D

Following command is use push your application to IBM Cloud

- A. ibmcloud cf push
- B. ibm cf push
- C. cf push
- D. cli cf push

Correct Answer: OPTION A

Following command is use to view both the app deployment status and the URL by running the

- A. ibmcloud view cf apps
- B. cli-cf view apps
- C. sudo cli-cf view apps
- D. ibmcloud cf apps

Correct Answer: OPTION D

What does an Eclipse IDE allows?

- A. Editing the program
- B. Compiling the program
- C. Both editing and compiling
- D. Editing, building, Debugging, Compiler

Correct Answer: OPTION D

What is an Eclipse?

- A. IDE
- B. Software
- C. GNU
- D. Code base

Correct Answer: OPTION A

SDK stands for _____

- A. Software Design Kit
- B. Serial Development Kit
- C. Software Development Kit
- D. Serial Design Kit

Correct Answer: OPTION C

what is eclipse servers host name

- A. IBM ID
- B. Cloud
- C. username
- D. version

Correct Answer: OPTION B

Deploy your application to IBM Cloud by right-clicking on the IBM Cloud server and selecting _____

- a. start
- b. clone
- c. Add and Remove.
- d. new

Correct Answer: OPTION C

How to view or modify the facets of your project

- A. Right-click on the project and select Properties
- B. Right-click on the server and select Properties
- C. Right-click on the facets and Properties
- D. Right-click on the project and select facets

Correct Answer: OPTION A

On which server we need to develop application into IBM Cloud

- A. Tomcat server
- B. Websphere server
- C. IBM Bluemix
- D. Apache server

Correct Answer: OPTION C

How do users access Software as a Service cloud services?

- A. thick client
- B. local client
- C. web browser
- D. command line

Correct Answer: OPTION C

NoSQL database is much more elastic and scalable database compared to RDBMS such that:

- A. It Enables your organization to scale up your database to multiple racks and potentially hundreds of servers.
- B. NoSQL data stores are "schema-first" instead of "schema-flexible"
- C. NoSQL cannot support dynamic workloads
- D. It engages much powerful and heavy API calls to interact with your data layer .

Correct Answer: OPTION A

Which of the following statement is correct for IBM Cloudant?

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- B. IBM Cloudant can process Big Data stored in databases.

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Correct Answer: OPTION A

Advantages of hosted cloud solutions in comparison to IBM cloudant are:

- A. Client receives guaranteed availability and reliability of their business,
- B. Provision hardware and instantiate an image, which is further taken care by DBA.
- C. Hardware provisioning that can grow elastically as required
- D. Rapid time to value with the greatest mitigation of risk.

Correct Answer: OPTION D

What are the different IBM Cloudant roles available?

- A. Manager, Writer, Reader, Monitor, Checkpointer
- B. Manager, Editor, Consumer, Monitor, Checkpointer
- C. Admin, Writer, Customer, Monitor, Checkpointer
- D. Admin, Writer, Customer, Monitor, Checkpointer

Correct Answer: OPTION A

While running IBM Cloudant service in IBM Cloud, the credentials will be read from?

- A. Properties file
- B. VCAP_SERVICES environment variable
- C. Source file
- D. VCAP_SERVICES file

Correct Answer: OPTION B

When running IBM Cloudant service locally, copy and paste the url from the credentials to the url field of:

- A. src/main/resources/cloudant.properties file

- B. src/main/resources/cloudant file
- C. src/main/resources/properties file,
- D. src/main/resources/cloudant/properties file

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- D. NoSQL is a BASE system

Correct Answer: OPTION C

What are the benefits of adopting DevOps practices for an organization?

- A. Improve time to market
- B. Improve the quality of the outcomes
- C. Reduce time to both gather and analyze customer feedback
- D. All of the mentioned

Correct Answer: OPTION D

DevOps Delivery pipeline flow are:

- A. Requirement-->Development-->Testing-->Release & Deployment-->Production
- B. Requirement-->Development-->Testing-->Production-->Release & Deployment
- C. Development-->Requirement-->Testing-->Release & Deployment -->Production
- D. Requirement-->Development-->Release & Deployment-->Testing-->Production

Correct Answer: OPTION A

Which of the following statements are NOT correct for Liberty?

- A. Liberty is a highly composable, fast to start, and dynamic application server runtime environment
- B. Liberty loads only what the applications that are deployed on the server need.
- C. The server uses more than a 500 MB footprint for Java Platform, Enterprise Edition web application development.
- D. The Liberty profile is built by using open standards (Open Service Gateway initiative (OSGi) framework).

Correct Answer: OPTION C

What are the steps to run JAVA program using Liberty at command line in IBM Cloud?

- A. Write/Get application --> Run the app locally --> Prepare the app for deployment --> Deploy to IBM Cloud --> Add a database --> Use database
- B. Write/Get application--> Prepare the app for deployment --> Deploy to IBM Cloud --> Use database
- C. Get application --> Run the app locally --> Deploy to IBM Cloud
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Correct Answer: OPTION A

Enabling Continuous Delivery in your project would:

- A. Create a new DevOps toolchain for this application
- B. Reduces the speed in which teams can deploy software and bug fixes
- C. Build software that is more inline with developer needs
- D. All of the mentioned

Correct Answer: OPTION A

In Lite plan, How many Delivery Pipeline jobs run per organization per month or per resource group per month:

- A. 100
- B. 500
- C. 5000
- D. 10

Correct Answer: OPTION B

The Push Notification service also enables you to analyze:

- A. The number of devices that are registered to receive notifications and number of notifications
- B. Number of notifications sent to specific user
- C. Receiver location details
- D. Details of customers who have subscribed for specific notifications

Correct Answer: OPTION A

FCM intent service and intent filters are included in:

- A. google-services.json
- B. AndroidManifest.xml
- C. Manifest.xml
- D. None of the mentioned

Correct Answer: OPTION B

If multiple notifications arrive sequentially and collapse key is not set:

- A. Both the new and old messages are stored for the future delivery.
- B. New messages are delivered and old messages are stored for future delivery
- C. Both the new and old messages are delivered.
- D. Both the new and old messages are cancelled permanently

Correct Answer: OPTION A

What are the different delivery priorities available to messages:

- A. Max, Average, Min
- B. Max, Default, Min
- C. High, Low, Min
- D. High, Medium, Low

Correct Answer: OPTION C

How long FCM server can store the notification message and try to deliver?

- A. 4 weeks
- B. 2 weeks
- C. 1 weeks
- D. 3 weeks

Correct Answer: OPTION A

If the user with a username has multiple devices with the same application installed, reading the notification on one device:

- A. Would not affect on other device notifications and user can read notification on other devices also
- B. Ensures deletion of notification on other devices considering you are registered with Push Notifications service with userId
- C. Ensures deletion of notification on other devices considering you are registered with Push Notifications service

D. None of the mentioned

Correct Answer: OPTION B

What are the different notification status?

A. Received, Queued, Open, Dismiss

B. Received, Queued, Opened, Dismissed

C. Receive, Queue, Open, Dismiss

D. Accept, Queue, Open, Reject

Correct Answer: OPTION B

Which resources are typically provided by an Infrastructure as a Service cloud computing delivery model?

A. applications

B. virtual machines

C. virtual private networks

D. middleware software stacks

Correct Answer: OPTION B

What is the use of Android API Key ?

A. provides access to apk files

B. key to track the lost data

C. android key for licensing

D. unique key for the project

Correct Answer: OPTION D

The Push Notification service also enables you to analyze:

A. The number of devices that are registered to receive notifications and number of notifications

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ANSWER: A

FCM intent service and intent filters are included in:

A. google-services.json

B. AndroidManifest.xml

C. Manifest.xml

D. None of the mentioned

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- B. Received, Queued, Opened, Dismissed
- C. Receive, Queue, Open, Dismiss
- D. Accept, Queue, Open, Reject

ANSWER: B

How to install Node Js using CLI ?

- A. apt-get install nodejs
- B. sudo apt-get install nodejs
- C. apt-get install node
- D. All the the mentioned

ANSWER: D

Which of the following command is used to install express package?

- A. node express install
- B. npm express install
- C. npm install express
- D. node install express

ANSWER: C

Which package is used for reading the files in Node?

- A. read
- B. file
- C. fs
- D. None of the mentioned

ANSWER: C

Which of the following Database Node Js Supports

- A. MongoDB
- B. MySQL
- C. CouchDB
- D. All the the mentioned

ANSWER: D

Which of the following package is required in nodejs to run the command `console.log("Hello world")`?

- A. http
- B. mongoDB
- C. server
- D. none of the mentioned

ANSWER: D

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ANSWER: D

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C. Hardware provisioning that can grow elastically as required

D. Rapid time to value with the greatest mitigation of risk.

ANSWER: D

What are the different IBM Cloudant roles available?

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B. Manager, Editor, Consumer, Monitor, Checkpointer

C. Admin, Writer, Customer, Monitor, Checkpointer

D. Admin, Writer, Customer, Monitor, Checkpointer

ANSWER: A

While running IBM Cloudant service in IBM Cloud, the credentials will be read from?

A. Properties file

B. VCAP_SERVICES environment variable

C. Source file

D. VCAP_SERVICES file

ANSWER: B

When running IBM Cloudant service locally, copy and paste the url from the credentials to the url field of:

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C. src/main/resources/properties file,

D. src/main/resources/cloudant/properties file

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- B. NoSQL are more aptly suited for persisting the types of unstructured or semi-structured data
- C. NoSQL guarentees availability of all nodes of a distributed system to be online at any time.
- D. NoSQL is a BASE system

ANSWER: C

While selecting space for eclipse project, we should select

- A. India
- B. Dev
- C. Current Project directory
- D. All of the Mention

ANSWER: B

While creating eclipse project which option can be select from file menu

- A. Dynamic web project
- B. Ibm web project
- C. Ibm cloud web project
- D. Ibm cloud dynamic web project

ANSWER: A

The extension of manifest file is

- A. .html
- B. .pom
- C. .yml
- D. .jsp

ANSWER: C

Following command is use to run the app locally on Liberty

- A. Mvn clean install liberty:run-server
- B. mvn install liberty:run-server
- C. sudo install liberty:run-server
- D. install liberty:run-server

ANSWER: B

SDK stands for _____

- A. Software Design Kit
- B. Serial Development Kit
- C. Software Development Kit
- D. Serial Design Kit

ANSWER: C

Following command is use to push your application to IBM Cloud

- A. ibmcloud cf push
- B. ibm cf push
- C. cf push
- D. cli cf push

ANSWER: A

What is an Eclipse?

- A. IDE
- B. Software
- C. GNU
- D. Code base

ANSWER: A

What does an Eclipse IDE allows?

- A. Editing the program
- B. Compiling the program
- C. Both editing and compiling
- D. Editing, building, Debugging, Compiler

ANSWER: D

Configuring the Cloud Foundry Foundation package repository

- A. `sudo wget -O /etc/yum.repos.d/cloudfoundry-cli.repo`
- B. `sudo wget -O /etc/yum.repos.d/cloudfoundry-cli.repo`
`https://packages.cloudfoundry.org/fedora/cloudfoundry-cli.repo`
- C. `Sudo install https://packages.cloudfoundry.org/fedora/cloudfoundry-cli.repo`
- D. `Curl install https://packages.cloudfoundry.org/fedora/cloudfoundry-cli.repo`

ANSWER: B

To verify the installation of the cf CLI

- A. `cf --version`
- B. `cf -v`
- C. `cf --help`
- D. `ibmcloud cf --v`

ANSWER: C

The following describes how to push an app from the cf CLI

- A. cf cli push
- B. cf cli push APP-NAME
- C. cf APP-NAME
- D. cf push APP-NAME

ANSWER: D

Mapping a route in cli

- A. cf push APP-Name MY-HOSTNAME
- B. cf push APP-NAME --hostname MY-HOSTNAME
- C. cf push APP-NAME --hostname
- D. cf push route MY-HOSTNAME

ANSWER: B

To create a new service instance

- A. cf create-user-serivce SERVICE-NAME
- B. cf create-user-service-instance
- C. cf create-user-instance
- D. cf create-user-provided-service

ANSWER: D

To update one or more of the parameters for an existing user-provided service instance

- A. cf uups
- B. cf update-user-service
- C. update cf user-service
- D. update cf user-service [parameters]

ANSWER: A

Installing the Certificate on Linux

- A. `$ cat server.crt >> /etc/ssl/certs/ca-certificates.crt`
- B. Install ca-certificates.crt
- C. `Sudo cat server.crt >> /etc/ssl/certs/ca-certificates.crt`
- D. `Curl cat server.crt >> /etc/ssl/certs/ca-certificates.crt`

ANSWER: A

Installing the Certificate on Windows

- A. `$ cat server.crt >> /etc/ssl/certs/ca-certificates.crt windows`
- B. Install ca-certificates.crt
- C. `Sudo install ca-certificates.crt windows`
- D. None of the Mention

ANSWER: D

To install the IBM Cloud Object Storage plug-in

- A. install cloud-object-storage
- B. install ibmcloud plugin cloud-object-storage
- C. ibmcloud plugin install cloud-object-storage
- D. `sudo install cloud-object-storage`

ANSWER: C

What is the purpose of running the following bx CLI command? `bx service user-provided-create MY_DB_SERVICE_INSTANCE -p "host, port, dbname, username, password"`

- A. Creates a user-provided database service on the specified host and port.
- B. Creates a user-provided service instance that can deliver the credentials to one or more applications.

- C. Creates a user-provided service to proxy application requests to the database service.
- D. Create a user-provided service that enables developers to stream application logs to the specified database.

ANSWER: B

Which is a feature provided for both Managed service instances and User-provided service instances in IBM Bluemix Cloud Foundry?

- A. Binding the service instance to an application.
- B. Automatic encryption of service instance metadata.
- C. Instance lifecycle management via the Cloud Controller.
- D. Automatic creation of service instances during application deployment.

ANSWER: A

Which statement is true regarding IBM Bluemix messaging services?

- A. There can only be one Message Hub instance for each Bluemix space.
- B. Using the MQ Light API allows messages to be stored for 365 days on a single Kafka partition.
- C. The Apache Kafka service creates point-to-point channels from an application to the Bluemix queues.
- D. By using the WebSphere Messaging service, MQTT enabled IoT devices can connect directly to a Kafka topic.

ANSWER: A

NodeJS work on_____

- A. CHAKRA
- B. RHINO
- C. V8
- D. SPIDERMONKEY

ANSWER: C

what is the CF API endpoint of this region: eu-gb

- A. eu-gb.bluemix.net
- B. eu-gb.ibmcloud-bluemix.net
- C. api.eu-gb.bluemix.net
- D. api.eu-gb.ibm cloud.net

ANSWER: C

How to stop the bluemix cloud application through the CLI

- A. bx app stop <<app name>>
- B. -cf stop <<app name>>
- C. -f stop <<app name>>
- D. -g stop <<app name>>

ANSWER: A

The below security group can be assign that provided by ibm to the network interfaces of your virtual server instances

- A. allow_ibm_security
- B. allow_bin
- C. allow_ssh
- D. allow_network_instance

ANSWER: C

SIEM doesnt includes

- A. Firewall authentications and denials
- B. OS authentications
- C. OS administrator operations
- D. Administrative controls

ANSWER: D

IBM Cloud uses which Security tools to consolidate Linux logs to monitor privileged access on Linux

- A. SRadar
- B. QRadar
- C. RRadar
- D. IRadar

ANSWER: B

Which Manager provides automated fixes in IBM Cloud CF

- A. IBM Security Manager
- B. IBM Endpoint Manager
- C. IBM Cloud Manager
- D. None of the Mention

ANSWER: B

By using which security intelligence, you can acquire flexible threat protection and compliance reporting capabilities quickly without large capital expenditures.

- A. IBM QRadar
- B. IBM SRadar
- C. IBM RRadar
- D. IBM IRadar

ANSWER: A

This proactively manages daily security threats by providing an evaluation of global online threat conditions and detailed, tailored analysis.

- A. IBM Security Intelligence
- B. IBM SEM
- C. IBM Cloud CF
- D. IBM X-Force Exchange

ANSWER: D

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- A. IBM Security Intelligence
- B. IBM SEM
- C. IBM Cloud CF
- D. IBM X-Force Exchange

Answer: D

The following data sources are supported by Watson studio Dashboard

- A. CSV files
- B. Connection to Db2 Warehouse on Cloud
- C. Connection to Compose for PostgreSQL
- D. All of the mention

ANSWER: D

The operation you cannot perform on your dashboard action bar,

- A. Download the dashboard to your file system as a JSON file.
- B. Create a permanent URL to your saved dashboard which you can share with others.
- C. Download the dashboard to your file system as a exe file
- D. Undo and redo actions to the dashboard.

ANSWER: C

All dashboards are listed on

- A. Resource list
- B. Observability
- C. Your projects Assets page

D. Home page

ANSWER: C

Dashboard supports

A. US-en &UK-en language

B. Single language

C. Multiple language

D. No such option is available

ANSWER: C

Cloud services hinge on the _____ infrastructure, and as such provide a ubiquitous availability of services as long as there is an Internet connection.

A. Particular Region

B. Internet

C. Particular organizations.

D. None of the mention.

ANSWER: B

Consumers are able to help themselves by

A. Large virtual servers.

B. On-demand self-service.

C. Large Infrastructure

D. Large Servers.

ANSWER: B

Cloud provides

A. Flexibility

B. Disaster recovery

C. Work from Anywhere

D. All the mention

ANSWER: D

Following is not true to the cloud

A. Automatic software updates.

B. Capital-expenditure Free.

C. Document control.

D. Not Suitable for Big Business

ANSWER: D

Which application frameworks are supported by Liberty features?

A. MicroProfile, an open source project that defines new standards and APIs to accelerate and simplify the creation of microservices.

B. Jakarta EE and Java EE, including features for individual specifications, like JNDI or JAX-RS.

C. Spring Framework and Spring Boot, including mechanisms to make compact containers from Spring Boot's fat .jar's.

D. MicroProfile, Jakarta EE and Java EE, Spring Framework and Spring Boot are supported by Liberty Features.

Answer: D

When automated systems like Kubernetes are pushing container images around, image size starts to matter. The layers in Docker images are cached to help with this problem. How Liberty helps to resolve this problem?

A. Liberty provides an efficient packaging pipeline for Docker containers.

B. Liberty provides tools and optimized support for converting Spring Boot fat .jar's into compact, optimized Docker containers.

C. Both efficient packaging pipeline for docker containers and tools and optimized support to convert spring boot.

D. Liberty doesn't provide any support to solve the said challenges.

Answer: C

How Liberty's tools and optimized support works ?

- A. By converting Spring Boot fat .jar's into compact, optimized Docker containers that take advantage of cached Docker image layers to improve cycle and publish times.
- B. By pushing the infrequently changing library dependencies down into a separate layer, and keeping only the app classes in the top layer, iterative rebuilds, and redeployments are much faster.
- C. It includes converting Spring Boot fat .jar's and pushing the infrequently changing library dependencies down into a separate layer.
- D. There is no such thing like Liberty's tools and optimized support.

Answer: C

Which one of the options given below is not the reason of WebSphere Liberty is the best Java runtime for the cloud?

- A. Small runtime size.
- B. Low memory footprint.
- C. Fast startup time.
- D. Cheapcost.

Answer: D

Where Liberty can be used in the IBM cloud?

- A. Instant Runtimes, a PaaS based on Cloud Foundry which provides the latest Liberty as the runtime for Java applications.
- B. The Liberty runtime is available through the Liberty build pack, which can automatically bind your application to many of the IBM Cloud services.
- C. WebSphere for IBM Cloud has instances of WebSphere (both Liberty and traditional) available for immediate use.
- D. Using IBM cloud services like Instant Runtimes, Liberty build pack, WebSphere and with fully customized controlled IBM containers.

Answer: D

Liberty profile can also be used as a developer environment in other PaaS solutions" which means:

- A. Production use in these environments is excluded by the licensing.
- B. Liberty is unsupported for these environments.
- C. Liberty is fully supported by these PaaS based environments.
- D. Something else.

Answer: A

What are the PaaS solutions where Liberty can also be used as a developer environment?

- A. Cloud Foundry, The Liberty build pack that's used in IBM Cloud can also be used by to deploy applications.
- B. OpenShift Enterprise, The same build pack also forms the core of the Liberty cartridge for OpenShift v2, providing another option for production systems.
- C. IBM Softlayer IaaS offering.
- D. Both Cloud Foundry and OpenShift Enterprise.

Answer: D

How Zero Migration contributes to WebSphere Liberty the best Java runtime for the cloud?

- A. It gives ability to use existing, unmodified user files, both configuration and applications, with an updated version of the product runtime files, with no unwanted or unexpected change in behavior.
- B. Elastic scaling may also involve creating and destroying application instances.
- C. Liberty has a small configuration, typically a single XML file.
- D. By including an HTTP session cache, SQL and non-SQL storage, message queues, social media connectivity, log analysis, and many others.

Answer: A

How CLI and API support database lifecycle events?

- A.Provisioning
- B.Deletion
- C.User creation and scaling
- D.Provisioning, Deletion, User creation, and scaling

Answer : D (Provisioning,Deletion,User creation, and scaling)

Where do you enter the connection information for your database deployment?

- A.Connect to host page
- B. Connect to cloud CLI
- C.Connect to API
- D.Compass documentation

Answer: A (Connect to host page)

What does IBM Cloud Databases for MongoDB offer?

- A.Community distribution of MongoDB
- B. Compatibility
- C.Community distribution of MongoDB and Compatibility
- D.Cloud CLI

Answer: C

Which version of MongoDB is required with a CDI producer?

- A. MongoDB 2.3
- B. MongoDB 2.0
- C.Any version of MongoDB
- D.The latest version of MongoDB

Answer: C

What are the features of WebSphere's liberty?

- A. Highly composable
- B. Start fast
- C. Less memory and easy scale
- D. Highly composable, Start fast, Less memory and easy scale

Answer : D

How is a CDI producer proving to be valuable?

- A. Provide variable interface implementations
- B. Does not create bean instances
- C. Does not produce bean instances
- D. Provides polymorphism

Answer : D

While connecting to Kubernetes service applications to deployment the deployment and cluster should be_____

- A. Same region
- B. same resource group
- C. same region and resource group
- D. same region but different resource group

Answer: C

The deployments connection information lives in BINDING as what object?

- A. JSON
- B. XML
- C. DGN
- D. Python

Answer: A

Which database is described as Distributed database-as-a-service(DBaaS)?

- A. MongoDB
- B. Cloudbant
- C. MySQL
- D. IBM Db2

Answer: B

ADVANCED

Which of the following software can be used to implement load balancing?

- A. Apache mod_balancer
- B. Apache mod_proxy_balancer
- C. F5's BigIP
- D. All the mentioned

Correct Answer OPTION B

Which of the following network resources can be load balanced?

- A. Connections through intelligent switches
- B. DNS
- C. Storage resources
- D. All the mentioned

Correct Answer OPTION D

A _____ is a combination load balancer and application server that is a server placed between a firewall or router.

- A. ABC
- B. ACD
- C. ADC
- D. All the mentioned

Correct Answer OPTION C

Which of the following should be replaced with the question mark in the following figure?

- A. Abstraction
- B. Virtualization
- C. Mobility Pattern
- D. All the mentioned

Correct Answer OPTION B

Which of the following subject area deals with pay-as-you-go usage model?

- A. Accounting Management
- B. Compliance
- C. Data Privacy
- D. All the mentioned

Correct Answer: OPTION A

Point out the correct statement :

- A. Except for tightly managed SaaS cloud providers, the burden of resource management is still in the hands of the user
- B. Cloud computing vendors run very reliable networks
- C. The low barrier to entry cannot be accompanied by a low barrier to provisioning
- D. All the mentioned

Correct Answer: OPTION B

_____ captive requires that the cloud accommodate multiple compliance regimes.

- A. Licensed
- B. Policy-based
- C. Variable
- D. All the mentioned

Correct Answer: OPTION B

Security methods such as private encryption, VLANs and firewalls comes under _____ subject area

- A. Accounting Management
- B. Compliance
- C. Data Privacy
- D. All the mentioned

Correct Answer: OPTION C

Which of the following captive area deals with monitoring?

- A. Licensed
- B. Variable but under control
- C. Low
- D. All the mentioned

Correct Answer: OPTION B

Network bottlenecks occur when _____ data sets must be transferred.

- A. large
- B. small
- C. big
- D. all the mentioned

Correct Answer: OPTION A

Cloud _____ are standardized in order to appeal to the majority of its audience.

- A. SVAs
- B. SLAs
- C. SALs
- D. None of the mentioned

Correct Answer: OPTION B

_____ is a function of the enterprise and application in an on-premises deployment.

- A. Vendor lock
- B. Vendor lock-in
- C. Vendor lock-ins
- D. None of the mentioned

Correct Answer: OPTION B

Which of the following allows an IMAP server to automatically keep a connection alive?

- A. P-IMAP

- B. C-IMAP
- C. I-IMAP
- D. None of the mentioned

Correct Answer : OPTION A

Point out the wrong statement:

- A. All push technologies used in mobile applications are server-based
- B. Push email is the penultimate example of a push service
- C. In push email, the service is always connected to the client, and it sends out to the client immediately any new email that arrives at the server
- D. All the mentioned

Correct Answer: OPTION A

Which of the following uses a set of email extensions to provide access to mobile devices?

- A. Black Profile
- B. Lemonade Profile
- C. B2B Profile
- D. None of the mentioned

Correct Answer: OPTION A

The Lemonade Profile is a specification of the _____ as RFC 5550.

- A. IETF
- B. IETE
- C. IETC
- D. All the mentioned

Correct Answer: OPTION A

How many numbers of characters can be sent in a single message through SMS?

- A. 140
- B. 200
- C. 240
- D. None of the mentioned

Correct Answer: OPTION B

Which of the following is one of the unique attributes of Cloud Computing?

- A. utility type of delivery
- B. elasticity
- C. low barrier to entry
- D. all the mentioned

Correct Answer: OPTION D

Point out the correct statement :

- A. Service Level Agreements (SLAs) is a small aspect of cloud computing
- B. Cloud computing does not have an impact on software licensing
- C. Cloud computing presents new opportunities to users and developers
- D. All the mentioned

Correct Answer: OPTION C

Point out the wrong statement :

- A. A cloud is defined as the combination of the infrastructure of a data center with the ability to provision hardware and software
- B. High touch applications are best done on-premises
- C. The Google App Engine follows IaaS
- D. None of the mentioned

Correct Answer: OPTION C

Which of the following is not considered to be the handheld application?

- A. User Interface
- B. Data Store
- C. Business logic
- D. Web administration

Correct Answer: OPTION D

_____ provides data files to mobile-based applications of handheld devices to server.

- A. Business application
- B. Middleware application
- C. Tier application
- D. Handheld application

Correct Answer: OPTION B

What is the name of Rackspace's cloud service?

- A. Cloud On-Demand
- B. Cloud Servers
- C. EC2

Correct Answer : OPTION B

Which of the following is/are built on cloud computing technology?

- A. Skype
- B. Twitter
- C. Gmail
- D. All the above

Correct Answer: OPTION D

Which of the following is not a second level attribute in relation to Data Management?

- A. Data exchange
- B. Staging
- C. Index
- D. Portability

Correct Answer: OPTION B

Which of the following criteria needs to be met so that key drivers benefit from deployment to the cloud?

- A. Are mission critical
- B. Do have sensitive data to protect
- C. Do need to be customized
- D. Are legacy applications with no competitive advantage

Correct Answer: OPTION B

Which of the following storage is presented to a user as if it is a ready-to-use disk drive?

- A. Managed
- B. Unmanaged
- C. Unavailable
- D. None of the mentioned

Correct Answer: OPTION B

Which of the following component is required for both online and local data access in the hybrid application?

- A. local
- B. cloud
- C. both local and cloud
- D. None of the mentioned

Correct Answer: OPTION C

Which of the following factors might offset the cost of offline access in the hybrid application?

- A. scalability
- B. costs
- C. ubiquitous access
- D. All the mentioned

Correct Answer: OPTION D

Which of the following is not a second level cloud attribute in relation to Storage?

- A. Non-relational
- B. SQL support
- C. Replication
- D. Language and locale

Correct Answer: OPTION D

Which of the following scenario can be referred to as cloud bursting?

- A. Part of the application is on a local system, and part is in the cloud
- B. Complete part of the application is on the local system
- C. Complete part of the application is on the local system
- D. None of the mentioned

Correct Answer: OPTION A

APIs and Deployment are second levels application attributes in accordance with :

- A. application
- B. costs
- C. maintenance
- D. user interface

Correct Answer: OPTION C

_____ offering provides the tools and development environment to deploy applications on another vendor's application.

- A. PaaS
- B. IaaS
- C. CaaS
- D. HaaS

Correct Answer: OPTION B

Point out the correct statement :

- A. Platforms cannot be based on specific types of development languages, application frameworks, or other constructs
- B. PaaS systems offer a way to create user interfaces
- C. In a CaaS model, customers may interact with the software to enter and retrieve data
- D. All the mentioned

Correct Answer: OPTION B

Which of the following is associated with considerable vendor lock-in?

- A. PaaS
- B. IaaS
- C. CaaS
- D. SaaS

Correct Answer: OPTION A

Point out the wrong statement :

- A. The customer takes no responsibility for maintaining the hardware, the software, or the development of the applications
- B. The vendor is responsible for all the operational aspects of the service
- C. Google's App Engine platform is IaaS offering
- D. SaaS

Correct Answer: OPTION C

Which of the following can be considered PaaS offering?

- A. Google Maps
- B. Gmail
- C. Google Earth
- D. All the mentioned

Correct Answer: OPTION A

_____ is the most refined and restrictive service model.

- A. IaaS

- B. CaaS
- C. PaaS
- D. All the mentioned

Correct Answer: OPTION C

_____ provides virtual machines, virtual storage, virtual infrastructure, and other hardware assets.

- A. IaaS
- B. SaaS
- C. PaaS
- D. All the mentioned

Correct Answer: OPTION A

Rackspace Cloud Service is an example of :

- A. IaaS
- B. SaaS
- C. PaaS
- D. All the mentioned

Correct Answer: OPTION A

How does Cloud computing change the relationship between provider and customer?

- A. Increased focus on service level agreements (SLAs)
- B. less compliance with standards
- C. less focus on service level agreements (SLAs)
- D. more focus on training

Correct Answer: OPTION A

Which cloud characteristic refers to the ability of a subscriber to increase or decrease its computing requirements as needed without having to contact a human representative of the cloud provider?

- A. Rapid elasticity
- B. On-demand self-service
- C. Broad network access
- D. Resource pooling

Correct Answer: OPTION B

Which one of the following types of risks cannot be mitigated solely with cloud-specific security technologies?

- A. Identity management
- B. Virtual sprawl
- C. Denial-of-service attacks
- D. Administrative access control

Correct Answer: OPTION D

Which of the following is not a true statement about using encryption with enterprise cloud computing implementations?

- A. Encryption is required for regulatory compliance.
- B. Encryption can be used to solve the data segregation issue.
- C. Data being processed is always encrypted.
- D. Encryption for data in transit has a speed/strength tradeoff

Correct Answer: OPTION C

Which of the following is not true about cloud-based virtual server management platforms?

- A. Cloud-based management platforms can support multiple cloud-virtual server vendors.
- B. Cloud-based management platforms can support multiple cloud-virtual server operating systems.
- C. Cloud-based management platforms cannot support internally hosted server platforms.
- D. Cloud-based management platforms can support change management methodologies.

Correct Answer: OPTION C

CRM is an example of

- A. SaaS
- B. PaaS
- C. IaaS
- D. Both a and B

Correct Answer: OPTION A

What is a Virtual Private Network (VPN)?

- A. A secured connection for remote access to a local area network
- B. A secured private cloud for a single user
- C. A virtual network device for private purposes
- D. An operating system for private network systems

Correct Answer: OPTION A

How many bits of encryption is at least required for cloud backup storage solution?

- A. 56
- B. 84
- C. 128
- D. None of the mentioned

Correct Answer: OPTION C

Which of the following is the least important feature of cloud storage listed below?

- A. Multisite storage or replication-Ans
- B. 24×7 technical support
- C. Data versioning
- D. All the mentioned

Correct Answer: OPTION A

Point out the wrong statement:

- A. MapReduce is Google's patented software framework that supports distributed large data sets organized by the Google File System
- B. MapReduce is Yahoo's patented software framework that supports distributed large data sets organized by the Yahoo File System
- C. The Apache Hadoop open-source system is based on MapReduce and GFS
- D. None of the mentioned

Correct Answer : OPTION C

Which of the following function is provided by OCC working group?

- A. Develop benchmarks for measuring cloud computing performance
- B. Provide testbeds that vendors can use to test their applications

- C. Support the development of open-source reference implementations for cloud computing
- D. All the mentioned-Ans

Correct Answer: OPTION D

Point out the correct statement:

- A. SOA offers an architectural blueprint for accessing diverse optimized services through a loosely coupled standardized method
- B. OCC does not support the development of open-source reference implementations for cloud computing
- C. SOA offers an architectural blueprint for accessing diverse optimized services through a tightly coupled standardized method
- D. None of the mentioned

Correct Answer: OPTION A

Point out the correct statement:

- A. The cloud turns physical systems into virtual systems-Ans
- B. The printing service decided to eliminate infrastructure and streamline the process
- C. The first stage in the redeployment is to eliminate the local processing associated with the scanning machines
- D. None of the mentioned

Correct Answer: OPTION A

Which of the following scenario can be referred to as cloud bursting?

- A. Complete part of the application is on a local system
- B. Part of the application is on a local system, and part is in the cloud
- C. Complete part of the application is on the local system
- D. None of the mentioned

Correct Answer: OPTION B

Point out the correct statement :

- A. Cloud architecture can couple software running on virtualized hardware in multiple locations to provide an on-demand service
- B. Cloud computing relies on a set of protocols needed to manage interprocess communications

- C. Platforms are used to create more complex software
- D. All the mentioned

Correct Answer: OPTION D

Point out the wrong statement :

- A. A cloud cannot be created within an organization's own infrastructure or outsourced to another datacenter-Ans
- B. A composable component must be modular
- C. A composable component must be stateless
- D. None of the mentioned

Correct Answer: OPTION A

Point out the correct statement :

- A. Increasing the variability between servers makes it easier to troubleshoot problems and simpler to deploy and configure new systems
- B. A server with the different set of software, system configuration, and hardware should perform similarly if given the same role in an infrastructure
- C. For a cloud-based virtual computer, the network interface may be a highly variable resource
- D. All the mentioned

Correct Answer: OPTION C

Which of the following is not the aspect considered for network capacity?

- A. Network traffic from the cloud to the network interface
- B. Network traffic to and from the network interface at the server
- C. Network traffic from the cloud through your ISP to your local network interface
- D. All the mentioned

Correct Answer: OPTION D

Point out the wrong statement:

- A. Each mobile device contains and can transmit a large amount of information concerning the condition or state of the device and the user who carries the device

- B. Location is the prime example of context-Ans
- C. When we search for something near us, the search engine returns results that are independent of location
- D. All the mentioned

Correct Answer: OPTION B

Point out the correct statement:

- A. When a phone transmits its GPS coordinates to a service, that service may be able to compare that location to the customer's registered home address-Ans
- B. Only one mechanism exists for aggregating WSDL documents into a searchable form
- C. AJAX is an OASIS standard that is searchable and is in the JSON format
- D. All the mentioned

Correct Answer: OPTION A

Which of the following tool is used for measuring I/O of your systems to estimate these transaction costs?

- A. EBS
- B. IOSTAT
- C. ESW
- D. All the mentioned

Correct Answer: OPTION B

Which of the following database should be used for a solution that has a very high availability?

- A. SimpleDB
- B. RDS
- C. Amazon EC2
- D. None of the mentioned

Correct Answer: OPTION A

Which of the following is done by Identity management?

- A. controlling access to data in the cloud
- B. maintaining user roles

- C. preventing unauthorized uses
- D. all the mentioned-Ans

Correct Answer: OPTION D

Point out the correct statement:

- A. Identities are not tied to the concept of accounts and can be used for contacts or "ID cards"
- B. Identities are important from a reliability standpoint
- C. Presence is important in cloud computing because it adds context that can modify services and service delivery-Ans
- D. All the mentioned

Correct Answer: OPTION C

Which of the following standard is the key to creating Single Sign-On (SSO) systems?

- A. OpenID 2.0
- B. CHAP
- C. SMAL
- D. None of the mentioned

Correct Answer: OPTION A

Point out the wrong statement:

- A. OpenID 2.0 is the standard associated with creating an identity
- B. OpenID doesn't specify the means for authentication of identity,
- C. OpenID provides access to important Web sites
- D. None of the mentioned

Correct Answer: OPTION D

Which of the following entity queries the OpenID identity provider to authenticate the veracity of the OpenID credentials?

- A. serving party
- B. relieving party
- C. relying party
- D. none of the mentioned

Correct Answer: OPTION C

Which of the following foundation offers .NET developers Visual Studio integration of WS-Federation and WS-Trust open standards?

- A. Windows Workflow
- B. Windows Identity
- C. Windows compliance
- D. None of the mentioned

Correct Answer: OPTION B

Point out the wrong statement :

- A. A cloud is defined as the combination of the infrastructure of a data center with the ability to provision hardware and software
- B. High touch applications are best done on-premises
- C. The Google App Engine follows IaaS-Ans
- D. None of the mentioned

Correct Answer: OPTION C

Which of the following is a core management feature offered by most cloud management service products?

- A. Support of different cloud types
- B. Creation and provisioning of different types of cloud resources, such as machine instances, storage, or staged applications
- C. Performance reporting including availability and uptime, response time, resource quota usage, and other characteristics
- D. All the mentioned

Correct Answer: OPTION D

An enterprise needs highly controlled storage and access to their databases as well as managing the infrastructure for web front ends and other applications. They have a large existing IT infrastructure and they are continually expanding the capabilities. Which cloud computing model will satisfy all their current needs and enable them to reduce cost?

- A. public cloud
- B. hybrid cloud
- C. private cloud
- D. internal cloud

Correct Answer: OPTION B

Which statement best describes the relationship between application, server, and client in a multi-tenancy environment?

- A. Single instance of software running on a server and serves one client.
- B. Single instance of software running on a server and serves multiple clients.
- C. Multiple instances of software running on a server and serves multiple clients.
- D. Multiple instances of software running on multiple servers and serves one client.

Correct Answer: OPTION B

What are the traits of a cloud computing architecture?

- A. single tiered
- B. not scalable
- C. client and server run in the same physical environment
- D. internet/intranet accessible server

Correct Answer: OPTION C

What is the purpose of running the following bx CLI command? `bx service user-provided-create MY_DB_SERVICE_INSTANCE -p "host, port, dbname, username, password"`

- A. Creates a user-provided database service on the specified host and port.
- B. Creates a user-provided service instance that can deliver the credentials to one or more applications.
- C. Creates a user-provided service to proxy application requests to the database service.
- D. Create a user-provided service that enables developers to stream application logs to the specified database.

Correct Answer: OPTION B

Pushing an app to IBM Cloud refers to

- A. IBM ID, Password, organization, space, route
- B. IBM ID, Password, space, route, API endpoints
- C. IBM ID, Password, organization, space, application name
- D. IBM ID, Password, organization, spaces, Api endpoint

ANSWER : D

Which is a feature provided for both Managed service instances and User-provided service instances in IBM Bluemix Cloud Foundry?

- A. Binding the service instance to an application.
- B. Automatic encryption of service instance metadata.
- C. Instance lifecycle management via the Cloud Controller.
- D. Automatic creation of service instances during application deployment.

Correct Answer: OPTION A

Which statement is true regarding IBM Bluemix messaging services?

- A. There can only be one Message Hub instance for each Bluemix space.
- B. Using the MQ Light API allows messages to be stored for 365 days on a single Kafka partition.
- C. The Apache Kafka service creates point-to-point channels from an application to the Bluemix queues.
- D. By using the WebSphere Messaging service, MQTT enabled IoT devices can connect directly to a Kafka topic.

Correct Answer: OPTION A

In IBM Bluemix PaaS, what is the role of a buildpack in staging an application?

- a) push application code from the development workstation to IBM Bluemix Cloud Foundry
- b) notify successful application instance start to the Diego Bulletin Board System (BBS)

- c) start application request handling by sending a status message to the Router
- d) to provide app runtime, dependency management, and compile support on the Diego Cell

Correct Answer: OPTION D

Tool chain Stages in IBM Bluemix continuous deliveryApplication access control lists

- A. code-Deliver-Think
- B. Think-Code-Deliver
- C. Code-Think-Deliver
- D. Think-Deliver-Code

Correct Answer: OPTION B

NodeJS work on_____

- A. CHAKRA
- B. RHINO
- C. V8
- D. SPIDERMONKEY

Correct Answer: OPTION C

what is the CF API endpoint of this region: eu-gb

- A. eu-gb.bluemix.net
- B. eu-gb.ibmcloud-bluemix.net
- C. api.eu-gb.bluemix.net
- D. api.eu-gb.ibm cloud.net

Correct Answer: OPTION C

What is the region name of eu-gb

- A. US

- B. UK
- C. Sydney
- D. None of the Mention

Correct Answer: OPTION B

How to stop the Bluemix cloud application through the CLI

- A. `bx app stop <<app name>>`
- B. `-cf stop <<app name>>`
- C. `-f stop <<app name>>`
- D. `-g stop <<app name>>`

Correct Answer: OPTION A

SIEM means

- A. Standard integration with event Management
- B. Security Information and Event Management
- C. System information Emergency Management
- D. Secure Information Emergency Management

Correct Answer: OPTION B

The below security group can be assigned that provided by IBM to the network interfaces of your virtual server instances

- A. `allow_ibm_security`
- B. `allow_bin`
- C. `allow_ssh`
- D. `allow_network_instance`

Correct Answer: OPTION C

SIEM doesn't include

- A. Firewall authentications and denials

- B. OS authentications
- C. OS administrator operations
- D. Administrative controls

Correct Answer: OPTION D

IBM Cloud uses which Security tools to consolidate Linux logs to monitor privileged access on Linux

- A. SRadar
- B. QRadar
- C. RRadar
- D. IRadar

Correct Answer: OPTION B

Which Manager provides automated fixes in IBM Cloud CF

- A. IBM Security Manager
- B. IBM Endpoint Manager
- C. IBM Cloud Manager
- D. None of the Mention

Correct Answer: OPTION B

By using which security intelligence, you can acquire flexible threat protection and compliance reporting capabilities quickly without large capital expenditures.

- A. IBM QRadar
- B. IBM SRadar
- C. IBM RRadar
- D. IBM IRadar

Correct Answer: OPTION A

This proactively manages daily security threats by providing an evaluation of global online threat conditions and detailed, tailored analysis.

- A. IBM Security Intelligence
- B. IBM SEM
- C. IBM Cloud CF
- D. IBM X-Force Exchange

Correct Answer: OPTION D

The explanation of this given error message (the maximum number of given protocols in load balancer product order has been reached.) is

- A. Only one protocol can be added while provisioning a load Balancer
- B. Only two protocol can be added while provisioning a load Balancer
- C. Only three protocol can be added while provisioning a load Balancer
- D. Only four protocol can be added while provisioning a load Balancer

Correct Answer: OPTION B

The WHICH IBM Cloud service helps customers improve availability of their business-critical applications by distributing traffic among multiple application server instances, and by forwarding traffic to healthy instances only.

- A. Network service
- B. Load Balancer service
- C. Security service
- D. Cloud Foundry service

Correct Answer: OPTION B

Client requests are routed over the private network.

The mention feature is of which service

- A. Private Cloud
- B. Public (internet-facing) load balancer

C. Internal load balancer

D. Basic load balancing

Correct Answer: OPTION C

Local Load Balancer doesn't includes

A. Private VIP

B. Public VIP

C. Layer 4 LB

D. Health checks

Correct Answer: OPTION A

The following output is an example of

```
{"datetime":"2019-09-17T03:13:37.373247+00:00",  
"host":"loadbalancer-dal09-323716-880632-975820", "process":"Cloud  
Load Balancer", "message":" Connect from xxx.xxx.xxx.xxx:56771 to  
169.55.233.136:80 (a9887082-02ff-440c-8e9e-  
f9026bdc209a\\HTTP)", "logSourceCRN":"crn:v1:bluemix:public:logdna:us-  
-south:a/5c59f412bc914beb390b080e07e5e6a2:ffff0000-ffff-0000-ffff-  
ffff0000ffff:."}
```

A. IBM Cloud data log

B. IBM Cloud Security data log

C. IBM cloud Faundry data log

D. IBM Cloud Load Balancer data log

Correct Answer: OPTION D

The following output is anexample of

```
{"datetime":"2019-09-11T08:04:22.534063+00:00",  
"host":"loadbalancer-dal09-323716-879158-975712", "process":"Cloud  
Load Balancer", "message":" Health check for server 9a226696-64b7-  
4f42-a587-74add178f0e\\81035d8f-5e50-4743-ab04-20987c4c51be-  
10.143.99.103 succeeded, reason: Layer7 check passed, code: 200, info:  
\\\"HTTP status check returned code <3C>200<3E>\\\", check duration:  
2ms, status: 4\\4  
UP.", "logSourceCRN":"crn:v1:bluemix:public:logdna:us-
```

south:a/5c59f412bc914beb390b080e07e5e6a2:ffff0000-ffff-0000-ffff-ffff0000ffff:."}

- A. health check log seen in the IBM Cloud Foundry using the LogDNA Service
- B. health check log seen in the IBM Log Analysis using the LogDNA Service
- C. health check log seen in the IBM Log Analysis using the Load Balancer Service
- D. health check log seen in the IBM Cloud Foundry using the Load Balancer Service

Correct Answer: OPTION B

Layer7 Rule doesnt includes

- A. HOST_NAME
- B. COOKIE
- C. SESSION
- D. PATH

Correct Answer: OPTION C

In Layer7 Rule properties the description of value is

- A. For the rule types HOST_NAME and COOKIE, the value is compared against the key.
- B. For the rule types PATH and COOKIE, the value is compared against the key.
- C. For the rule types HEADER and COOKIE, the value is compared against the key.
- D. For the rule types HEADER and HOST_NAME, the value is compared against the key.

Correct Answer: OPTION C

To install the latest CLI for your Unix from the shell manually following command is use

- A. Install `https://clis.cloud.ibm.com/install/linux | sh`
- B. `curl -fsSL https://clis.cloud.ibm.com/install/linux | sh`
- C. `sudo Install https://clis.cloud.ibm.com/install/linux | sh`
- D. Install `https://clis.cloud.ibm.com/install/linux | sh --save`

Correct Answer: OPTION B

Command for Updating to latest version of CLI

- A. `Ibmcloud cli update`
- B. `Ibmcloud-cli update`
- C. `Ibmcloud update`
- D. `Update ibmcloud`

Correct Answer: OPTION C

To install the IBM Cloud developer tools plug-in, run the following command

- A. `ibmcloud plugin install dev`
- B. `install ibmcloud dev`
- C. `sudo install ibmcloud`
- D. `sudo install ibmcloud dev -save`

Correct Answer: OPTION A

To install the IBM Cloud Object Storage plug-in, run the following command

- A. `install cloud-object-storage`
- B. `sudo install cloud-object-storage`
- C. `ibmcloud plugin install cloud-object-storage`
- D. None of the mention

Correct Answer: OPTION C

We use ___ flag with docker build to point to a Dockerfile.

- A. -f
- B. -p
- C. -d
- D. -df

Correct Answer: OPTION A

Command to install cf CLI

- A. sudo apt-get install cf-cli
- B. install cf-cli
- C. curl install cf-cli
- D. sudo install cf-cli

Correct Answer: OPTION A

Configuring the Cloud Foundry Foundation package repository

- A. sudo wget -O /etc/yum.repos.d/cloudfoundry-cli.repo
- B. sudo wget -O /etc/yum.repos.d/cloudfoundry-cli.repo
<https://packages.cloudfoundry.org/fedora/cloudfoundry-cli.repo>
- C. Sudo install <https://packages.cloudfoundry.org/fedora/cloudfoundry-cli.repo>
- D. Curl install <https://packages.cloudfoundry.org/fedora/cloudfoundry-cli.repo>

Correct Answer: OPTION B

To verify the installation of the cf CLI

- A. cf --version
- B. cf -v
- C. cf --help
- D. ibmcloud cf -v

Correct Answer: OPTION A

The following describes how to push an app from the cf CLI

- A. cf cli push
- B. cf cli push APP-NAME
- C. cf APP-NAME
- D. cf push APP-NAME

Correct Answer: OPTION D

Mapping a route in cli

- A. cf push APP-Name MY-HOSTNAME
- B. cf push APP-NAME --hostname MY-HOSTNAME
- C. cf push APP-NAME --hostname
- D. cf push route MY-HOSTNAME

Correct Answer: OPTION B

To create a new service instance

- A. cf create-user-serivce SERVICE-NAME
- B. cf create-user-service-instance
- C. cf create-user-instance
- D. cf create-user-provided-service

Correct Answer: OPTION D

To update one or more of the parameters for an existing user-provided service instance

- A. cf uups
- B. cf update-user-service
- C. update cf user-service
- D. update cf user-service [parameters]

Correct Answer: OPTION A

Installing the Certificate on Linux

- A. `$ cat server.crt >> /etc/ssl/certs/ca-certificates.crt`
- B. Install ca-certificates.crt
- C. `Sudo cat server.crt >> /etc/ssl/certs/ca-certificates.crt`
- D. `Curl cat server.crt >> /etc/ssl/certs/ca-certificates.crt`

Correct Answer: OPTION A

Installing the Certificate on Windows

- A. `$ cat server.crt >> /etc/ssl/certs/ca-certificates.crt windows`
- B. Install ca-certificates.crt
- C. `Sudo install ca-certificates.crt windows`
- D. None of the Mention

Correct Answer: OPTION D

To install the IBM Cloud Object Storage plug-in

- A. install cloud-object-storage
- B. install ibmcloud plugin cloud-object-storage
- C. ibmcloud plugin install cloud-object-storage
- D. sudo install cloud-object-storage

Correct Answer: OPTION C

16. To install the IBM Cloud Container Registry plug-in

- A. ibmcloud plugin install container-registry
- B. install ibmcloud plugin
- C. sudo install container-registry
- D. ibmcloud plugin update container-registry

Correct Answer: OPTION A

To install the Cloud Functions CLI plug-in

- A. ibmcloud plugin install cloud-functions
- B. install cloud-functions
- C. install plugin cloud-functions
- D. None of the mention

Correct Answer: OPTION A

The following command to start the IBM Cloud Developer Tools Docker Container is

- A. docker install -ti ibmcom/ibm-cloud-developer-tools-amd64
- B. install docker-container
- C. docker run -ti ibmcom/ibm-cloud-developer-tools-amd64
- D. install docker-ibm-cloud-developer-tools-amd64

Correct Answer: OPTION C

To Uninstall the stand-alone IBM Cloud CLI

- A. uninstall ibm-cloud
- B. /usr/local/ibmcloud/uninstall
- C. sudo uninstall ibm-cli
- D. uninstall ibm-cloud-cli

Correct Answer: OPTION B

The file structure for IBM Cloud applications is

- A. File_Name.pom
- B. File_Name.html
- C. File_Name.yml
- D. File_Name.cli

Correct Answer: OPTION C

IBM Cloud Foundry offers

- A. XaaS
- B. SaaS
- C. IaaS and PaaS
- D. All of the mention

Correct Answer: OPTION C

Cloud Foundry is owned by

- A. Pivotal Software
- B. VMware
- C. IBM
- D. EMC

Correct Answer: OPTION A

To install a cf-cli plugin

- A. cf install-plugin BINARY-FILENAME
- B. cf install-plugin BINARY-CF-CLI
- C. sudo Cf install-plugin
- D. install-plugin

Correct Answer: OPTION A

Checking for cf-cli plugin updates

- A. cf plugins --version
- B. cf plugins --updates
- C. cf-cli-plugins --outdated
- D. cf plugins --outdated

Correct Answer: OPTION D

Listing all cf-cli plugins by repository

- A. cf repo-plugins
- B. cf ls
- C. cf ls-l
- D. cf repo ls

Correct Answer: OPTION A

According to CAP Theorem, it is not possible for any distributed systems to achieve following qualities, simultaneously in one system. Those qualities are:

- A. Consistency
- B. Availability
- C. Partition tolerance
- D. All of the mentioned

Correct Answer: OPTION D

Which customer problems can NOT be solved by IBM Cloudant?

- A. Inadequate database performance
- B. Unreliable service availability
- C. Perform embedded analytics, full-text search, and geospatial querying in a same database
- D. requirement of Consistent database with most up-to-date version.

Correct Answer: OPTION D

What are the key HTTP API features available in IBM Cloudant?

- A. CRUD options
- B. Primary indexing & MapReduce-built secondary indexes
- C. Full-text search

D. All of the mentioned

Correct Answer: OPTION D

Which statement holds TRUE for IBM Cloud Identity and Access Management?

A. Unique to IBM Cloudant

B. Access to each service instance requires its own set of credentials.

C. IBM Cloudant API keys can be granted permissions only at a database levels

D. Allow a user or service to access many different resources by using the same set of credentials

Correct Answer: OPTION D

How to provision IBM Cloudant instance from the command line with option to disable legacy credentials for an account?

A. `ibmcloud resource service-instance-create "Instance Name" \`
`cloudantnosqldb Standard us-south \`
`-p {"legacyCredential": true}`

B. `ibmcloud resource service-instance-create "Instance Name" \`
`cloudantnosqldb Standard us-south \`
`-p {"legacyCredential": false}`

C. `ibmcloud resource service-instance-create "Instance Name" \`
`cloudantnosqldb Standard us-south \`
`-p {false}`

D. `ibmcloud resource service-instance-create "Instance Name" \`
`cloudantnosqldb Standard us-south \`
`-p {"legacyCredentials": false}`

Correct Answer: OPTION D

As per IBM Cloudant service credentials, what is the HTTPS port number for accessing the service instance on the host?

- A. 423
- B. 433
- C. 443
- D. 413

Correct Answer: OPTION C

Can you identify few fields available in service credentials as given:

- A. username, passwd, host, portno, url, key, key_name, role_crn
- B. username, password, host, port, url, apikey, iam_apikey_name, iam_role_crn
- C. username, passwd, host, port, url, apikey, iam_apikey_name, iam_role_crn
- D. user, password, host, port, url, apikey, iam_apikey_name, iam_role_crn

Correct Answer: OPTION B

How can we create a database named "demo" from command line via command line:

- A. curl "https://\$USERNAME:\$PASSWORD@\$ACCOUNT.cloudant.com/demo"
- B. acurl "https://\$ACCOUNT.cloudant.com/demo"
- C. curl "https://\$ACCOUNT.cloudant.com/demo"
- D. None of the mentioned

Correct Answer: OPTION A

How to create documents (using file.dat) in IBM cloudant database via command line:

- A. acurl "https://\$ACCOUNT.cloudant.com/demo/_bulk_docs" \
-X POST \

-H "Content-Type: application/json" \
-d \@file.dat

B. acurl "https://\$ACCOUNT.cloudant.com/demo/_bulk_docs" \
-X GET \
-H "Content-Type: application/json" \
-d \@file.dat

C. acurl "https://\$ACCOUNT.cloudant.com/demo/_bulk_docs" \
-X POST \
-H "Content-Type: application/json" \
-d \file.dat

D. acurl "https://\$ACCOUNT.cloudant.com/demo/_bulk_docs" \
-X POST \
-H "Content-Type: application/json" \
-d file.dat

Correct Answer: OPTION A

How to run a simple query, query1.dat on 'demo' database in IBM cloudant via command line:

A. acurl "https://\$ACCOUNT.cloudant.com/demo/_bulk_docs" \
-X POST \
-H "Content-Type: application/json" \
-d \@query1.dat

B. acurl "https://\$ACCOUNT.cloudant.com/demo/_find" \
-X POST \
-H "Content-Type: application/json" \
-d \query1.dat

C. acurl "https://\$ACCOUNT.cloudant.com/query-demo/_bulk_docs" \
-X POST \
-H "Content-Type: application/json" \
-d \query1.dat

-d \query1.dat

D. acurl "https://\$ACCOUNT.cloudant.com/query-demo/_find" \

-X POST \

-H "Content-Type: application/json" \

-d \@query1.dat

Correct Answer: OPTION D

Maven's primary goal is to:

A. Providing a stable build system

B. comprehend the complete state of a development effort in the shortest period of time

C. Give detailed build process

D. Identify dependencies during migration to new features

Correct Answer: OPTION B

How many stages ideally we can have in automated delivery pipeline?

A. 2

B. 3

C. As many stages as you need for your application

D. None of the mentioned

Correct Answer: OPTION C

As per automated delivery pipeline, how many jobs can we run in each stage?

A. 0

B. Single job

C. Two jobs max.

D. Multiple jobs

Correct Answer: OPTION D

In DevOps, Shift Left Testing approach involves?

- A. Automates software delivery across the delivery pipeline consistently and frequently.
- B. Integration of the code by using service virtualization and test automation during development.
- C. Monitors application usage and provides metric data to operations, development, testing, and business owners.
- D. None of mentioned

Correct Answer: OPTION B

Which of the below command is used to push the Node js code from local system to IBM Cloud?

- A. ibmcloud cf push
- B. ibmcloud push cf
- C. node push cf
- D. ibmcloud node push

Correct Answer: OPTION A

Which method is used to execute the code synchronously in Node Js?

- A. Non-Blocking
- B. Blocking
- C. Blocking & Non-Blocking
- D. None of the mentioned

Correct Answer: OPTION B

Rest API outputs in the form of?

- A. array
- B. Json
- C. Object

D. List

Correct Answer: OPTION B

What function is used to include the node module in an application?

A. require()

B. import()

C. include()

D. add()

Correct Answer: OPTION A

What is used by the Push Notifications service to connect to the FCM server?

A. Sender ID

B. API Key

C. project number

D. Username & Password

Correct Answer: OPTION B

Which of the statements is NOT correct?

A. The getTags API returns the list of available tags to which the device can subscribe.

B. The subscribe API will subscribe the device for the list of given tags.

C. The getSubscriptions API will return the list of tags to which the device is subscribed.

D. The unsubscribe API will remove the device subscription from the list of tags.

Correct Answer: OPTION D

Which of the following statements is correct?

- A. Sender ID is used by the Android SDK and the JS SDK for web browsers on the client side
- B. Sender ID is used by the Push Notification and the JS SDK for web browsers on the client side
- C. Username & password is used by the Android SDK and the JS SDK for web browsers on the client side
- D. API Key is used by the Android SDK and the JS SDK for web browsers on the client side

Correct Answer: OPTION A

How to register Push notification android sdk in Firebase?

- A. Add 'mobilefirstplatform.clientsdk.android.push' as Package name in Firebase console
- B. Add 'com.ibm.mobilefirst.clientsdk.android.push' as Package name in Firebase console
- C. Add 'com.ibm.mobilefirstplatform.clientsdk.android' as Package name in Firebase console
- D. Add 'com.ibm.mobilefirstplatform.clientsdk.android.push' as Package name in Firebase console

Correct Answer: OPTION D

When the notification visibility is set as 'private', can we see content on secure locked screen?

- A. All content would render the notifications to be freely read.
- B. Only the content that is specified in the 'public' field shows up
- C. No content can be seen
- D. Only the content that is specified in the 'redact' field shows up

Correct Answer: OPTION D

What are the different expandable Push notification options available?

- A. Basic notification
- B. Big Picture/Text Notification

- C. All of the mentioned
- D. Email styled Notification

Correct Answer: OPTION B

Choose the correct sequence of process for a Hello World app on Liberty using WebSphere Developer Tools for Eclipse.

- A. Download and start eclipse > Help > Eclipse Marketplace > search for WebSphere Developer Tool and install > File > New > Web Project > In the new Project wizard, enter Hello World as the project name, ensure that the project template is Simple and the Programming Model is Java EE, and then click Next.
- B. Open eclipse > File > New > Web Project.
- C. Download and start eclipse > Help > Eclipse Marketplace > IBM WebSphere Application Server Migration Toolkit
- D. Something else.

Correct Answer: OPTION A

What all are the dependencies for building a Liberty server application using MAVEN ?

- A. Git
- B. Java
- C. Maven
- D. Git, Java, Maven

Correct Answer: OPTION D

What is maven ?

- A. Maven is a build automation tool used primarily for Java projects.
- B. Maven is a IBM cloud service.
- C. Something else.
- D. Maven is a container.

Correct Answer: OPTION A

What are the different ways to deploy Liberty profile in IBM cloud?

- A. Cloud Foundry environment
- B. IBM WebSphere Application Server
- C. Creating Virtual Machine Instance and installing Liberty profile
- D. Cloud Foundry environment, IBM WebSphere Application Server and through virtual machine instance.

Correct Answer: OPTION D

What is cloud foundry ?

- A. Cloud Foundry is the premier industry standard Platform-as-a-Service (PaaS), that ensures the fastest, easiest, and most reliable deployment of cloud-native applications.
- B. Cloud Foundry is the premier industry standard Infrastructure as a Service (IaaS), that ensures the fastest, easiest, and most reliable deployment of cloud-native applications.
- C. Cloud Foundry is a cloud based service that can be utilise to develop and deploy services on cloud under Software as a Service (SaaS).
- D. Something else.

Correct Answer: OPTION A

Which one of the following is not a benefit of choosing cloud foundry based application development environment ?

- A. Choose your own development language
- B. Extend apps with services
- C. Automatic deployment scaling
- D. Its free of cost

Correct Answer: OPTION D

In the modern era, software is commonly delivered as a service: called web apps. The twelve-factor app is a methodology for building software apps part of:

- A. Software as a Service
- B. Infrastructure as a Service
- C. Platform as a Service
- D. Something else

Correct Answer: OPTION A

How Cloud Foundry applications are useful for enterprise?

- A. Allows you to create and manage isolated environments.
- B. It provides self-service deployment and elastic consumption, rapid provisioning, complete access to Cloud Foundry admin operations.
- C. It provides unlimited free services for enterprise.
- D. Something else.

Correct Answer: OPTION B

IBM offers the Cloud Foundry PaaS in several hosting models, allowing users to customize PaaS experience and balance a range of considerations, including price, deployment speed, and security. Choose the correct option for different offerings of IBM Cloud Foundry.

- A. Public
- B. Enterprise Environment
- C. Private
- D. All of the mentioned

Correct Answer: OPTION D

What is the similarity between MongoDB and Cloudant?

- A. NoSQL Database
- B. Document oriented storage
- C. Json format
- D. DBaaS

Correct Answer: OPTION A

What kind of services can be bound to your liberty?

- A. Container managed
- B. Application managed
- C. Both Container and Application managed
- D. Only Java application

Correct Answer: OPTION C

Where does the liberty buildpack automatically generate configuration stanzas?

- A. Server.yml
- B. Manifest.yml
- C. Server.xml
- D. Manifest.xml

Correct Answer: OPTION C

What Type of connection do we use for MongoDB?

- A. URI
- B. HTTP
- C. FTPI
- D. None of them

Correct Answer: OPTION A

Where can you find the databses for MongoDB on the Ibmccloud interface ?

- A. Catalog
- B. Support
- C. Dashboard
- D. Resource list

Correct Answer: OPTION A

What is the similarity between databases for MongoDB and compose for MongoDB ?

- A. Compliances with HIPAA, GDPR
- B. Data on disk
- C. Backup retention
- D. Integration with IAM

Correct Answer: OPTION B

What are the elements libebtrty buildpack generate?

- A. MongoDB element
- B. Application element
- C. Feature manager element
- D. All the options

Correct Answer: OPTION D

Which one of the following is a database available on cloud?

- A. Microsoft Excel
- B. ADABAS
- C. Quickbase
- D. Informix

Correct Answer: OPTION D

Which is not a prerequisite to install MongoDB chart in IBM Cloud?

- A. Kubernetes
- B. Helm 2.11
- C. PV (provisioner support)
- D. Alloy

Correct Answer: OPTION D

Choose the correct sequence of process for a Hello World app on Liberty using WebSphere Developer Tools for Eclipse.

A. Download and start eclipse > Help > Eclipse Marketplace > search for WebSphere Developer Tool and install > File > New > Web Project > In the new Project wizard, enter Hello World as the project name, ensure that the project template is Simple and the Programming Model is Java EE, and then click Next.

B. Open eclipse > File > New > Web Project.

C. Download and start eclipse > Help > Eclipse Marketplace > IBM WebSphere Application Server Migration Toolkit

D. Something else.

Answer: A

What all are the dependencies for building a Liberty server application using MAVEN ?

A. Git

B. Java

C. Maven

D. Git, Java, Maven

Answer: D

What is maven ?

A. Maven is a build automation tool used primarily for Java projects.

B. Maven is a IBM cloud service.

C. Something else.

D. Maven is a container.

Answer: A

What are the different ways to deploy Liberty profile in IBM cloud?

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- C. Creating Virtual Machine Instance and installing Liberty profile
- D. Cloud Foundry environment, IBM WebSphere Application Server and through virtual machine instance.

Answer: D

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- B. Cloud Foundry is the premier industry standard Infrastructure as a Service (IaaS), that ensures the fastest, easiest, and most reliable deployment of cloud-native applications.
- C. Cloud Foundry is a cloud based service that can be utilise to develop and deploy services on cloud under Software as a Service (SaaS).
- D. Something else.

Answer: A

Which one of the following is not a benefit of choosing cloud foundry based application development environment ?

- A. Choose your own development language
- B. Extend apps with services
- C. Automatic deployment scaling
- D. Its free of cost

Answer: D

In the modern era, software is commonly delivered as a service: called web apps. The twelve-factor app is a methodology for building software apps part of:

- A. Software as a Service
- B. Infrastructure as a Service
- C. Platform as a Service
- D. Something else

Answer: A

How Cloud Foundry applications are useful for enterprise?

- A. Allows you to create and manage isolated environments.
- B. It provides self-service deployment and elastic consumption, rapid provisioning, complete access to Cloud Foundry admin operations.
- C. It provides unlimited free services for enterprise.
- D. Something else.

Answer: B

IBM offers the Cloud Foundry PaaS in several hosting models, allowing users to customize PaaS experience and balance a range of considerations, including price, deployment speed, and security. Choose the correct option for different offerings of IBM Cloud Foundry.

- A. Public
- B. Enterprise Environment
- C. Private
- D. All of the mentioned

Answer: D

What is the similarity between MongoDB and Cloudant?

- A. NoSQL Database
- B. Document oriented storage
- C. Json format
- D. DBaaS

Answer: A

What kind of services can be bound to your liberty?

- A. Container managed
- B. Application managed

- C. Both Container and Application managed
- D. Only Java application

Answer: C

Where does the liberty buildpack automatically generate configuration stanzas?

- A. Server.yml
- B. Manifest.yml
- C. Server.xml
- D. Manifest.xml

Answer: C

What Type of connection do we use for MongoDB?

- A. URI
- B. HTTP
- C. FTPI
- D. None of them

Answer: A

Where can you find the databses for MongoDB on the Ibmccloud interface ?

- A. Catalog
- B. Support
- C. Dashboard
- D. Resource list

Answer: A

What is the similarity between databases for MongoDB and compose for MongoDB ?

- A. Compliances with HIPAA,GDPR

- B. Data on disk
- C. Backup retention
- D. Integration with IAM

Answer: B

What are the elements libebtrty buildpack generate?

- A. MongoDB element
- B. Application element
- C. Feature manager element
- D. All the options

Answer: D

Which one of the following is a database available on cloud?

- A. Microsoft Excel
- B. ADABAS
- C. Quickbase
- D. Informix

Answer: D

Which is not a prerequisite to install MongoDB chart in IBM Cloud?

- A. Kubernetes
- B. Helm 2.11
- C. Provisioner Support
- D. Alloy

Answer: D

The following command is used, when you want to allow your users to edit the dashboard is

- A. Dashboard.EDIT

- B. dashboardAPI.MODES.EDIT
- C. cloud.dashboardAPI.MODES.EDIT
- D. cloud.dashboard.EDIT

ANSWER: B

Consider this, When the user performs a save dashboard action in your application, then your app should use which method to get a specification of the dashboard in its current edited state.

- A. The dashboardAPI.getSpec() method
- B. The dashboardAPI.edit() method
- C. The dashboardAPI.update() method
- D. The dashboardAPI.change() method

ANSWER:A

Available templates for dashboard are

- A. Single page
- B. Tabbed
- C. Infographic
- D. All of the Mention

ANSWER: D

Can we export a dashboard to PDF

- A. Dashboard can only be export as JSON
- B. Dashboard can be export as PDF
- C. Dashboard can only be export as CSV
- D. Dashboard can not be exported

ANSWER: B

In Dashboard while exploring your data, you cannot

- A. use data from more than one data asset in your dashboard
- B. use data from a single data asset
- C. use chrome
- D. use firfox

ANSWER: B

In Dashboard while exploring your data, you can be able to perform

- A. View the underlying data
- B. Changing the columns or members in a visualization
- C. Selecting columns from a different data asset
- D. All of the Mention

ANSWER: D

The explanation of this given error message (the maximum number of given protocols in load balancer product order has been reached.) is

- A. Only one protocol can be added while provisioning a load Balancer
- B. Only two protocol can be added while provisioning a load Balancer
- C. Only three protocol can be added while provisioning a load Balancer
- D. Only four protocol can be added while provisioning a load Balancer

ANSWER: B

The WHICH IBM Cloud service helps customers improve availability of their business-critical applications by distributing traffic among multiple application server instances, and by forwarding traffic to healthy instances only.

- A. Network service
- B. Load Balancer service
- C. Security service
- D. Cloud Foundry service

ANSWER: B

Client requests are routed over the private network.

The mentioned feature is of which service

- A. Private Cloud
- B. Public (internet-facing) load balancer
- C. Internal load balancer
- D. Basic load balancing

ANSWER: C

Local Load Balancer doesn't include

- A. Private VIP
- B. Public VIP
- C. Layer 4 LB
- D. Health checks

ANSWER: A

The following output is an example of

```
{"datetime":"2019-09-17T03:13:37.373247+00:00",  
"host":"loadbalancer-dal09-323716-880632-975820", "process":"Cloud  
Load Balancer", "message":" Connect from xxx.xxx.xxx.xxx:56771 to  
169.55.233.136:80 (a9887082-02ff-440c-8e9e-  
f9026bdc209a\\HTTP)","logSourceCRN":"crn:v1:bluemix:public:logdna:us  
-south:a/5c59f412bc914beb390b080e07e5e6a2:ffff0000-ffff-0000-ffff-  
ffff0000ffff::"}}
```

- A. IBM Cloud data log
- B. IBM Cloud Security data log
- C. IBM cloud Faundry data log
- D. IBM Cloud Load Balancer data log

ANSWER: D

The following output is an example of


```
{"datetime":"2019-09-11T08:04:22.534063+00:00",  
"host":"loadbalancer-dal09-323716-879158-975712", "process":"Cloud  
Load Balancer", "message":" Health check for server 9a226696-64b7-  
4f42-a587-74addd178f0e\81035d8f-5e50-4743-ab04-20987c4c51be-  
10.143.99.103 succeeded, reason: Layer7 check passed, code: 200, info:  
\"HTTP status check returned code <3C>200<3E>\", check duration:  
2ms, status: 4\4  
UP.", "logSourceCRN":"crn:v1:bluemix:public:logdna:us-  
south:a/5c59f412bc914beb390b080e07e5e6a2:ffff0000-ffff-0000-ffff-  
ffff0000ffff:."}
```

- A. health check log seen in the IBM Cloud Foundry using the LogDNA Service
- B. health check log seen in the IBM Log Analysis using the LogDNA Service
- C. health check log seen in the IBM Log Analysis using the Load Balancer Service
- D. health check log seen in the IBM Cloud Foundry using the Load Balancer Service

ANSWER: B

Layer7 Rule doesnt includes

- A. HOST_NAME
- B. COOKIE
- C. SESSION
- D. PATH

ANSWER: C

In Layer7 Rule properties the description of value is

- A. For the rule types HOST_NAME and COOKIE, the value is compared against the key.
- B. For the rule types PATH and COOKIE, the value is compared against the key.
- C. For the rule types HEADER and COOKIE, the value is compared against the key.

D. For the rule types HEADER and HOST_NAME, the value is compared against the key.

ANSWER: C

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Load Balancer", "message":" Connect from xxx.xxx.xxx.xxx:56771 to  
169.55.233.136:80 (a9887082-02ff-440c-8e9e-  
f9026bdc209a\\HTTP)","logSourceCRN":"crn:v1:bluemix:public:logdna:us-  
-south:a/5c59f412bc914beb390b080e07e5e6a2:ffff0000-ffff-0000-ffff-  
ffff0000ffff:."}
```

- A. IBM Cloud data log
- B. IBM Cloud Security data log
- C. IBM cloud Faundry data log
- D. IBM Cloud Load Balancer data log

ANSWER: D

The following output is an example of

```
{"datetime":"2019-09-11T08:04:22.534063+00:00",  
"host":"loadbalancer-dal09-323716-879158-975712", "process":"Cloud  
Load Balancer", "message":" Health check for server 9a226696-64b7-  
4f42-a587-74addd178f0e\\81035d8f-5e50-4743-ab04-20987c4c51be-  
10.143.99.103 succeeded, reason: Layer7 check passed, code: 200, info:  
\\\"HTTP status check returned code <3C>200<3E>\\\", check duration:  
2ms, status: 4\\4  
UP.\"","logSourceCRN":"crn:v1:bluemix:public:logdna:us-  
south:a/5c59f412bc914beb390b080e07e5e6a2:ffff0000-ffff-0000-ffff-  
ffff0000ffff:."}
```

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B. COOKIE

C. SESSION

D. PATH

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A. For the rule types HOST_NAME and COOKIE, the value is compared against the key.

B. For the rule types PATH and COOKIE, the value is compared against the key.

C. For the rule types HEADER and COOKIE, the value is compared against the key.

D. For the rule types HEADER and HOST_NAME, the value is compared against the key.

ANSWER: C

To install the IBM Cloud Container Registry plug-in

A. ibmcloud plugin install container-registry

B. install ibmcloud plugin

C. sudo install container-registry

D. ibmcloud plugin update container-registry

ANSWER: A

To install the Cloud Functions CLI plug-in

A. ibmcloud plugin install cloud-functions

B. install cloud-functions

C. install plugin cloud-functions

D. None of the mention

ANSWER: A

The following command to start the IBM Cloud Developer Tools Docker Container is_____

A. docker install -ti ibmcom/ibm-cloud-developer-tools-amd64

B. install docker-container

C. docker run -ti ibmcom/ibm-cloud-developer-tools-amd64

D. install docker-ibm-cloud-developer-tools-amd64

ANSWER: C

To Uninstall the stand-alone IBM Cloud CLI

A. uninstall ibm-cloud

B. /usr/local/ibmcloud/uninstall

C. sudo uninstall ibm-cli

D. uninstall ibm-cloud-cli

ANSWER: B

The file structure for IBM Cloud applications is

A. File_Name.pom

B. File_Name.html

C. File_Name.yml

D. File_Name.cli

ANSWER: C

IBM Cloud Foundry offers

A. XaaS

B. SaaS

C. IaaS and PaaS

D. All of the mention

ANSWER: C

Cloud Foundry is owned by

A. Pivotal Software

B. VMware

C. IBM

D. EMC

ANSWER: A

To install a cf-cli plugin

A. cf install-plugin BINARY-FILENAME

B. cf install-plugin BINARY-CF-CLI

C. sudo Cf install-plugin

D. install-plugin

ANSWER: A

Checking for cf-cli plugin updates

A. cf plugins -version

B. cf plugins -updates

C. cf-cli-plugins --outdated

D. cf plugins --outdated

ANSWER: D

Listing all cf-cli plugins by repository

A. cf repo-plugins

B. cf ls

C. cf ls-l

D. cf repo ls

ANSWER: A

Following command is use to view both the app deployment status and the URL by running the

A. ibmcloud view cf apps

B. cli-cf view apps

C. sudo cli-cf view apps

D. ibmcloud cf apps

ANSWER: D

Following command is use to target a Cloud Foundry org and space

A. cf push --cf

B. cli target--cf

C. cf-cli target --cf

D. ibmcloud target --cf

ANSWER: D

what is eclipse servers host name

A. IBM ID

B. Cloud

C. username

D. version

ANSWER: B

Deploy your application to IBM Cloud by right-clicking on the IBM Cloud server and selecting _____

- a. start
- b. clone
- c. Add and Remove.
- d. new

ANSWER: C

How to view or modify the facets of your project

- A. Right-click on the project and select Properties
- B. Right-click on the server and select Properties
- C. Right-click on the facets and Properties
- D. Right-click on the project and select facets

ANSWER: A

On which server we need to develop application into IBM Cloud

- A. Tomcat server
- B. Websphere server
- C. IBM Bluemix
- D. Apache server

ANSWER: C

Development and test teams spend a lot of time constructing and deploying WebSphere application environments and their computer resources are heavily underutilized. Which two solutions can decrease time spent building and deploying environments while increasing asset utilization?

- A. IBM WebSphere MQ
- B. IBM WebSphere Application Server
- C. IBM WebSphere DataPower Appliance
- D. IBM WebSphere CloudBurst Appliance

ANSWER: D

Which IBM products are included in the IBM Rational Automation Framework for WebSphere?

- A. IBM Rational BuildForge, IBM WebSphere CloudBurst Appliance
- B. IBM WebSphere Integration Developer, IBM Rational BuildForge
- C. IBM Rational Team Concert, IBM WebSphere CloudBurst Appliance
- D. IBM WebSphere Application Developer, IBM Rational Team Concert

ANSWER: A

The IBM Smart Business Development and Test Cloud is used to evaluate, plan, design, and implement what type of environment?

- A. A static runtime cloud environment.
- B. A static development and testing cloud environment.
- C. A dynamically scalable virtualized runtime cloud environment.
- D. A dynamically scalable virtualized development and testing cloud environment.

ANSWER: D

How do users access Software as a Service cloud services?

- A. thick client
- B. local client
- C. web browser
- D. command line

ANSWER: C

According to CAP Theorem, it is not possible for any distributed systems to achieve following qualities, simultaneously in one system. Those qualities are:

- A. Consistency
- B. Availability
- C. Partition tolerance
- D. All of the mentioned

ANSWER: D

Which customer problems can NOT be solved by IBM Cloudant?

- A. Inadequate database performance
- B. Unreliable service availability
- C. Perform embedded analytics, full-text search, and geospatial querying in a same database
- D. requirement of Consistent database with most up-to-date version.

ANSWER: D

What are the key HTTP API features available in IBM Cloudant?

- A. CRUD options
- B. Primary indexing & MapReduce-built secondary indexes
- C. Full-text search
- D. All of the mentioned

ANSWER: D

Which statement holds TRUE for IBM Cloud Identity and Access Management?

- A. Unique to IBM Cloudant
- B. Access to each service instance requires its own set of credentials.
- C. IBM Cloudant API keys can be granted permissions only at a database levels

D. Allow a user or service to access many different resources by using the same set of credentials

ANSWER: D

How to provision IBM Cloudant instance from the command line with option to disable legacy credentials for an account?

- A. `ibmcloud resource service-instance-create "Instance Name" \`
`cloudantnosqldb Standard us-south \`
`-p {"legacyCredential": true}`
- B. `ibmcloud resource service-instance-create "Instance Name" \`
`cloudantnosqldb Standard us-south \`
`-p {"legacyCredential": false}`
- C. `ibmcloud resource service-instance-create "Instance Name" \`
`cloudantnosqldb Standard us-south \`
`-p {false}`
- D. `ibmcloud resource service-instance-create "Instance Name" \`
`cloudantnosqldb Standard us-south \`
`-p {"legacyCredentials": false}`

ANSWER: D

As per IBM Cloudant service credentials, what is the HTTPS port number for accessing the service instance on the host?

- A. 423
- B. 433
- C. 443
- D. 413

ANSWER: C

Can you identify few fields available in service credentials as given:

- A. username, passwd, host, portno, url, key, key_name, role_crn

B. username, password, host, port, url, apikey, iam_apikey_name, iam_role_crn

C. username, passwd, host, port, url, apikey, iam_apikey_name, iam_role_crn

D. user, password, host, port, url, apikey, iam_apikey_name, iam_role_crn

ANSWER: B

How can we create a database named "demo" from command line via command line:

A. curl

"https://\$USERNAME:\$PASSWORD@\$ACCOUNT.cloudant.com/demo"

B. acurl "https://\$ACCOUNT.cloudant.com/demo"

C. curl "https://\$ACCOUNT.cloudant.com/demo"

D. None of the mentioned

ANSWER: A

How to create documents (using file.dat) in IBM cloudant database via command line:

A. acurl "https://\$ACCOUNT.cloudant.com/demo/_bulk_docs" \

-X POST \

-H "Content-Type: application/json" \

-d \@file.dat

B. acurl "https://\$ACCOUNT.cloudant.com/demo/_bulk_docs" \

-X GET \

-H "Content-Type: application/json" \

-d \@file.dat

C. acurl "https://\$ACCOUNT.cloudant.com/demo/_bulk_docs" \

-X POST \

-H "Content-Type: application/json" \

-d \file.dat

D. `acurl "https://$ACCOUNT.cloudant.com/demo/_bulk_docs" \`
 `-X POST \`
 `-H "Content-Type: application/json" \`
 `-d file.dat`

ANSWER: A

How to run a simple query, query1.dat on 'demo' database in IBM cloudant via command line:

A. `acurl "https://$ACCOUNT.cloudant.com/demo/_bulk_docs" \`
 `-X POST \`
 `-H "Content-Type: application/json" \`
 `-d \@query1.dat`

B. `acurl "https://$ACCOUNT.cloudant.com/demo/_find" \`
 `-X POST \`
 `-H "Content-Type: application/json" \`
 `-d \query1.dat`

C. `acurl "https://$ACCOUNT.cloudant.com/query-demo/_bulk_docs" \`
 `-X POST \`
 `-H "Content-Type: application/json" \`
 `-d \query1.dat`

D. `acurl "https://$ACCOUNT.cloudant.com/query-demo/_find" \`
 `-X POST \`
 `-H "Content-Type: application/json" \`
 `-d \@query1.dat`

ANSWER: D

Maven's primary goal is to:

A. Providing a stable build system

B. comprehend the complete state of a development effort in the shortest period of time

C. Give detailed build process

D. Identify dependencies during migration to new features

ANSWER: B

How many stages ideally we can have in automated delivery pipeline?

A. 2

B. 3

C. As many stages as you need for your application

D. None of the mentioned

ANSWER: C

As per automated delivery pipeline, how many jobs can we run in each stage?

A. 0

B. Single job

C. Two jobs max.

D. Multiple jobs

ANSWER: D

In DevOps, Shift Left Testing approach involves?

A. Automates software delivery across the delivery pipeline consistently and frequently.

B. Integration of the code by using service virtualization and test automation during development.

C. Monitors application usage and provides metric data to operations, development, testing, and business owners.

D. None of mentioned

ANSWER: B

An enterprise needs highly controlled storage and access to their databases as well as managing the infrastructure for web front ends and other applications. They have a large existing IT infrastructure and they are continually expanding the capabilities. Which cloud computing model will satisfy all their current needs and enable them to reduce cost?

- A. public cloud
- B. hybrid cloud
- C. private cloud
- D. internal cloud

Answer: B

Which statement best describes the relationship between application, server, and client in a multi-tenancy environment?

- A. Single instance of software running on a server and serves one client.
- B. Single instance of software running on a server and serves multiple clients.
- C. Multiple instances of software running on a server and serves multiple clients.
- D. Multiple instances of software running on multiple servers and serves one client.

Answer: B

What are the traits of a cloud computing architecture?

- A. single tiered
- B. not scalable
- C. client and server run in the same physical environment
- D. internet/intranet accessible server

Answer: C

Which of the below command is used to push the Node js code from local system to IBM Cloud?

- A. ibmcloud cf push
- B. ibmcloud push cf
- C. node push cf
- D. ibmcloud node push

ANSWER: A

Which method is used to execute the code synchronously in Node Js?

- A. Non-Blocking
- B. Blocking
- C. Blocking & Non-Blocking
- D. None of the mentioned

ANSWER: B

Rest API outputs in the form of?

- A. array
- B. Json
- C. Object
- D. List

ANSWER: B

What function is used to include the node module in an application?

- A. require()
- B. import()
- C. include()
- D. add()

ANSWER: A

What is used by the Push Notifications service to connect to the FCM server?

- A. Sender ID
- B. API Key
- C. project number
- D. Username & Password

ANSWER: B

Which of the statement is NOT correct?

- A. The getTags API returns the list of available tags to which the device can subscribe.
- B. The subscribe API will subscribe the device for the list of given tags.
- C. The getSubscriptions API will return the list of tags to which the device is subscribed.
- D. The unsubscribe API will remove the device subscription from the list tags.

ANSWER: D

Which of the following statement is correct?

- A. Sender ID is used by the Android SDK and the JS SDK for web browsers on the client side
- B. Sender ID is used by the Push Notification and the JS SDK for web browsers on the client side
- C. Username & password is used by the Android SDK and the JS SDK for web browsers on the client side
- D. API Key is used by the Android SDK and the JS SDK for web browsers on the client side

ANSWER: A

How to register Push notification android sdk in Firebase?

- A. Add 'mobilefirstplatform.clientsdk.android.push' as Package name in Firebase console
- B. Add 'com.ibm.mobilefirst.clientsdk.android.push' as Package name in Firebase console

C. Add 'com.ibm.mobilefirstplatform.clientsdk.android' as Package name in Firebase console

D. Add 'com.ibm.mobilefirstplatform.clientsdk.android.push' as Package name in Firebase console

ANSWER: D

When the notification visibility is set as 'private', can we see content on secure locked screen?

A. All content would render the notifications to be freely read.

B. Only the content that is specified in the 'public' field shows up

C. No content can be seen

D. Only the content that is specified in the 'redact' field shows up

ANSWER: D

What are the different expandable Push notification options available?

A. Basic notification

B. Big Picture/Text Notification

C. All of the mentioned

D. Email styled Notification

ANSWER: B

*****END*****