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Salesforce Certified

Heroku Architect

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Exam Certified-Heroku-Architect

Salesforce Certified Heroku Architect (SP23)

Version: 13.0

[Total Questions: 184]

Question No : 1

A hospital wants to build a mobile app that allows patients to check the status of submitted insurance claims, which the hospital stores in Salesforce Health Cloud. The app's back end will run on Heroku.

Which two measures should an Architect recommend to help ensure that the app is compliant with HIPAA? (Choose two.)

A. Use Heroku Shield Connect to sync claim data from Salesforce to a Heroku Postgres database.
B. Use only Heroku Shield Postgres databases to store claim data outside of Salesforce Health Cloud.
C. Ensure that the back-end application's codeencrypts all claim data before writing it to a Heroku Postgres database.
D. Ensure that the mobile app can only run when on the hospital's intranet, which is connected to the back end's Shield Private Space via VPN.

Answer: A,C

Question No : 2

Which of thefollowing is a good use case for the Heroku Platform?

A. Proof-of-concept or lab approaches
B. Empowering mobile apps with an API service
C. Data manipulation
D. Customer engagement applications
E. All of these

Answer: D

Question No : 3

Which of the following is NOT an advantage of data replication over data proxies?

A. A replicated data set reduces data access latency.
B. Areplicated data set supports bidirectional writes.
C. A replicated data set offloads processing and requests from an origin data server.

D. A replicated data set is always and immediately in sync with the origin data

Answer: D

Question No : 4

You canuse Salesforce Connect to proxy which types of data sources:

A. OData 2.0 and 4.0
B. REST with JSONpayloads
C. SOAP
D. All of these
E. REST with XML payloads

Answer: D

Question No : 5

Universal Containers has a microservices architecture on Heroku. One microservice. named the Metrics Microservice. periodically fetches metrics from a fleet of IoT sensors. Then, the Metrics Microservice is required to send relevant metrics to each of the other microservices using REST. When a new microservice is added to the architecture, the Metrics Microservice must send metrics to that new microservice too. As a result, adding microservices to the architecture causes performance issues. How should an Architect recommend changing this architecture to improve its scalability?

A. Configure each microservices to directly fetch the sensor metrics that are relevant to it.
B. Use Private Space DNS Service Discovery to reduce the amountof time required for the Metrics Microservice to obtain each other microservice's IP address
C. Configure the other microservices to pull the Metrics Microservice for updates every five seconds
D. Use Apache Kafka on Heroku to publish metrics to a topic that the other microservices can consume.

Answer: D
Explanation: - https://devcenter.heroku.com/arlicles/heroku<onnect-faq#can-i-use-sharing-rules-to-restrict-recorcd-visibility

Question No : 6

A client's Heroku web application displaysdata that is fetched from a back-end file storage system. The client now wants this data to be viewable, but not editable, from their Salesforce org.

Which recommendation should an Architect make in this scenario?

A. Replicate the files to tables in a Heroku Postgres database, and use Heroku Connect to synchronize the tables to the Salesforce org.
B. Store all file URLs in a Heroku Postgres table, and use Heroku Connect to synchronize the table to the Salesforce org.
C. Replicate the files to tables in aHeroku Postgres database, and use Heroku External Objects to expose the tables to the Salesforce org.
D. Replicate the files to the application's local filesystem, and use worker dynos to periodically sync them to the Salesforce org.

Answer: A

Question No : 7

A client has an e-commerce application that stores creditcard information. The application will run the production. Which security certification does the application need to meet?

A. ISO 27017
B. PCI level 1
C. SOC2Typel
D. ISO 27018

Answer: B

Explanation: -

https://devcenter.heroku.com/articles/using-sso-services-with-heroku#end-user-account-creation-and-removal

Question No : 8

Heroku Connect is an add-on that syncs Force, com data into:

A. Someone else's isolated network environment

B. A Heroku Postgres database

C. A secondary Salesforce instance

D. Onlyone dyno in your app's dyno formation

Answer: B

Question No : 9

Part of a client's design is the ability to easily share between two applications running on Heroku.

What should an Architect recommend?

A. Attach a single storage add-on, such as Heroku Postgres, to both applications.

B. Create Foreign Data Wrappers to expose the tables from one database to another.

C. Provision Heroku Connect to sync the data into a custom object in Salesforce.

D. Provision Apache Kafka on Heroku to easily stream the data between the two apps.

Answer: A

Question No : 10

Universal Containers needs to integrate three separate apps: a Salesforce app, an app developed to Heroku, and a custom-built app hosted on-premise. Each app needs to send and receive data from any of the other apps. Which two integration options should an Architect recommend that can connect all three systems in a fire-and-forget pattern? Choose 2 answers.

A. Publish and subscribe to Salesforce platform events

B. Use Heroku External Objects as a data proxy

C. Use Heroku Connect to synchronize all systems with Heroku Postgres

D. Publish and subscribe to topics on Apache Kafka on Heroku

Answer: A,D

Explanation: -https://devcenter.heroku.com/articles/dataclips

Question No : 11

You can use Heroku Connect for:

A. Bidirectional data replication
B. Data proxy with Salesforce Connect
C. One-way data replication
D. All of these

Answer: D

Question No : 12

A client wants to add CPU-intensive video processing functionality to their Heroku web application.

Which two strategies should an Architect recommend for implementing this functionality? (Choose two.)

A. Add a new process type for worker dynos that pull video processing jobs from a queue.
B. Attach a video processing add-on from the Heroku Elements Marketplace to the application.
C. Delegate video processing tasks to the app's staging version to remove load from the production app. D. Divide each video processing task across multiple web dynos to mitigate added CPU load.

Answer: A,B
Explanation: References:

Question No : 13

A client is planning to deploy an application to Heroku. The client's IT department requires all applications to be hosted from Australia, where their main office is located. Regulators in Australia require keystroke logs of all engineers who create interactive sessions for the application.

Which should an Architect recommend in this scenario?

_____

A. Deploy the application to a Private Space in the Sydney region with Private Space Logging enabled.
B. Deploy the application to the Common Runtime in the Sydney region.
C. Deploy the application to a Shield Private Space in the Sydney region.
D. Deploy the application to a Private Space in the Sydney region with Internal Routing enabled.

Answer: C
Explanation: References:

Question No : 14

How arelanguages, buildpacks, and slugs related?

A. A slug and a buildpack are sandwiched together between several Heroku add-ons, and the result Is a new open-source language.
B. A slug is a shortened version of a language that compiles down into a buildpack
C. A buildpack knows how to compile code in a specific language down to a slug that runs on Heroku
D. A language uses a slug to deploy buildpacks as a service across the entire Salesforce Platform.

Answer: C

Question No : 15

Which technology do SalesforceREST APIs use for authentication?

A. Basic usernames and passwords
B. OAuth
C. SAML
D. Pre-shared keys

Answer: A

Question No : 16

Universal Containers acquires a company that runs an application on Google Cloud

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Platform (GCP). TheGCP application needs to communicate securely with a Heroku application. The Heroku application has Internal Routing enabled and is running in a Private Space. Which two recommendations should an Architect make to satisfy this use case? Choose 2 answers.

A. Ensure that the Private Space and GCP use distinct CIDR ranges

B. Disable Internal Routing on the Heroku app.

C. Ensure that the Private Space and GCP use matching CIDR ranges.

D. Establish a secure site-to-site VPN connection between the Private Spaceand GCP.

Answer: A,D

Explanation: - Here is the explanation: https://devcenter.heroku.com/articles/vpn-private-space. google-cloud-platform#manual-setup

Question No : 17

Universal Containers wants to set up communication between multiple public-facing Heroku web applications hosted on the Common Runtime. Which solution should an Architect recommend?

A. Movethe application to a Private Space, and enable Internal Routing for them

B. Bind all of the Heroku applications to the same port

C. Configure a worker process type for each application that listens for incoming remote procedure calls.

D. Send requests to each application's URL using HTTP/HTTPS.

Answer: A
Explanation: -https://www.heroku.com/tech-sessions/get-started-with-apache-kafka

Question No : 18

A RESTfulAPIis:

A. A methodology (or maximizing the effectiveness of any vacation

B. An Actually Pretty Informative meditation session

C. How the web displays data in a hierarchical format readable by both people and machines

D. A web-based service that provides standard ways for clients to make requests and

receive responses

Answer: A

Technicians earn certifications that must be renewed periodically to ensure their skills remain up-to-date. How can these certifications be managed on the Resource?

A. Add the Resource Skill and create Absence onceexpired
B. Add the Resource Skill and remove from the Service Territory once expired
C. Add the Resource Skill and set the End Date.
D. Add the Resource Skill and track certification using reminder.

Answer: C

UniversalContainers (UC) has an on-permise application for reporting damage to their shipments. They want to migrate the application to Heroku. The damage reporting process includes uploading one or more pictures to the application which temporarily stores them onthe local system. After the report is submitted, a case is created in UC's Salesforce org for processing, amd the images are deleted from the file system. The application's configuration is read from environment variables that are specified in the system user's profile. The application writes its logs to rotating files using an open-source library. Which two recommendations should an Architect make to ensure that the application runs correctly on Heroku? Choose 2 answers.

A. Load the application's configuration from its source code instead of using environment tables
B. Use an external object storage service for temporary image uploads
C. Run the application in a Private Space to enable communication with UC's Salesforce org
D. WritP Inns tn stdmit instead nf writinn thpm tn the flip svstpm

Answer: A,D

Explanation: - https://devcenter.heroku.com/articles/heroku-connect-database-tables#encrypted-strings

Question No : 21

Universal Containers would like to report on the volume of products installed within a specific timeframe. What solution will help meet the customer's requirement?

A. Utilize a custom"Installation Date" field on Asset
B. Utilize the standard "Installation Date" field on Asset.
C. Utilize a Work Order related list on Asset
D. Utilize Field History Tracking on Asset.

Answer: B

Question No : 22

A client wants to deconstruct a monolithic application into a set of microservices The microservicesrequire securer direct peer-to-peer communications.

Which Heroku Enterprise features should an Architect recommend? Choose one answer

A. Heroku Private Spaces and Apache Kafka on Heroku
B. Shield Private Spaces and Heroku Shield Connect
C. Heroku Private Spaces and Internal Routing.
D. Heroku Private Spaces and Private Space VPN connections.

Answer: C

Question No : 23

Universal Containers (UC) wants to allow itsdevelopers to only use certain add-ons. UC enables Add-on Controls for Enterprise Teams and adds the add-ons they wish to allow to the list. There is an existing set of add-ons attached to applications, which are NOT on the list.

What happens to these add-ons?

A. They are deleted, and all data is backed up and saved.
B. They are added to the allowed add-ons list.
C. They are added to the exception list and not affected.
D. They are flagged for removal, and the developers are notified.

Answer: D
Explanation: - https://devcenter.heroku.com/articles/addon-controls

Question No : 24

Universal Containers has enabled Field Service Lightning and is looking to enable Entitlements for Work Orders. What should a Consultant take into consideration?

A. Creating Entitlements for Cases and Work Orders must beseparated.
B. Managing page layouts and validation rules can be done in Salesforce Lightning
C. Managing page layouts and milestone trackers can be done in the Salesforce mobile app.
D. Creating Entitlements for Work Orders requires Lightning to be enabled.

Answer: A

Question No : 25

Universal Containers is preparing to deploy a high-volume production web application to the Heroku Common Runtime. Which two best practices should an Architectrecommend for large-scale load testing of the application? Choose 2 answers.

A. Open a ticket with Heroku support for approval.
B. Move the apps into a Private Space to provide an isolated test environment
C. Disable autoscaling to prevent applicationstartup overhead from skewing results
D. Ensure that the application runs on Performance-tier dynos

Answer: A,D

Explanation: -
https://devcenter.heroku.eom/articles/private-spaces#trusted-ip-ranges

Question No : 26

Which two conventions of the Heroku platform reflect the Twelve-Factor methodology's

recommendation to "execute the app as one or more stateless processes?" (Choose two.)

A. Log messages from each of an app's dynos are kept separate from each other.

B. Heroku apps define process types in a Procfile.

C. A Heroku app's config vars are deleted on deploys and app restarts.

D. Dynos have an ephemeral filesystem.

Answer: B,C

Question No : 27

Callouts from Salesforce to Heroku can be made using:

A. Corba

B. Web sockets

C. Message bus

D. Apex triggers or outbound messages

Answer: D

Question No : 28

Universal Containers (UC) usesHeroku Connect to synchronize changes to the Account object in their Salesforce org. UC's Heroku application makes a batch update that changes one million records to the Heroku Postgres database table that mirrors the Account object. Approximately, how long will these updates take to sync back to the Salesforce org?

A. It depends on the sync performance, which can vary from one connection to another.

B. 1 hour.

C. One million updates is too many for Heroku Connect to handle; therefore, the sync will fail

D. 12 hours.

Answer: A

Explanation:

- https://devcenter.heroku.com/articles/using-sso-services-with-heroku#prerequisites-for-sso-with-heroku

Question No : 29

A client wants to create a secure network connection between Heroku applications running in a Private Space and an AWS VPC.

Which Heroku feature should an Architect recommend to create the connection?

A. Internal Routing
B. Private Space Peering
C. Private Space VPNconnections
D. Heroku Connect

Answer: C

Explanation: - https://devcenterheroku.corn/articles/event-driven-microservices-with-apache-kafka

Question No : 30

Which 2 users can remove an applicationfrom a Heroku Enterprise Team?

A. An administrator of the Enterprise Team
B. A user with the "manage" permission for the app
C. A user with the "deploy" permission for the app
D. A user with the "operate" permission for the app

Answer: A,B

Explanation: -https://devcenter.heroku.com/articles/event-driven-microservices-with-apache-kafka

Question No : 31

When creating a Private Space, what is a valid reason to specify a region other than the default region?

A. Private Spaces restrict inbound traffic to the current region.
B. Heroku pricing varies by region.

C. Running an applicationcloser to its intended users can reduce latency.
D. Available compute resources vary by region.

Answer: C
Explanation: References:

Question No : 32

Universal Containers (UC)uses Apache Kafka on Heroku to stream shipment inventory data in real time throughout the world. A Kafka topic is used to send messages with updates on the shipping container GPS coordinates as they are in transit. UC is using a Heroku Kafka basic-0 plan.The topic was provisioned with 8 partitions, 1 week of retention, and no compaction. The keys for the events are being assigned by Heroku Kafka, which means that they will be randomly distributed between the partitions.

UC has a single-dyno consumer application that persists the data to their Enterprise Data Warehouse (EDW). Recently, they've been noticing data loss in the EDW.

What should an Architect with Kafka experience recommend?

A. Enable compaction on the topic to drop older messages, which will drop older messages with the same key.
B. Upgrade to a larger Apache Kafka for Heroku plan, which has greater data capacity.
C. Use Heroku Redis to store message receipt information to account for "at-least" once delivery, which will guarantee that messagesare never processed more than once. Scale up the consumer dynos to match the number of partitions so that there is one process for each partition.

Answer: C

Question No : 33

An app has two web dynos, Dyno A and Dyno B. The app receives a request, which is routed to Dyno A. A second request is sent from the same client. Which Dyno is the request routed to?

A. The request is routed to Dyno A if it has finished handling the first request
B. The request is routed randomly to Dyno A orDyno B