



# Salesforce

## Exam Questions Heroku-Architect

Salesforce Certified Heroku Architect (SU22)

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#### NEW QUESTION 1

A ClientService Representative (CSR) receives a call from a customer on Saturday. The CSR determines that the customer is covered, but the coverage is about to expire.

Which two upsell activities should the CSR consider? (Choose two.)

- A. Open a Case and a renewal Opportunity for the Sales team.
- B. Open a Case and create a Work Order for the Dispatch Team.
- C. Open a Case and inform Customer of weekend service pricing.
- D. Open a Case and send email with new Service offerings.

**Answer:** CD

#### NEW QUESTION 2

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:** AB

#### NEW QUESTION 3

A client wants to deconstruct a monolithic application into a set of microservices. The microservices require secure 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

#### NEW QUESTION 4

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

#### NEW QUESTION 5

Which of the following is NOT an advantage of Salesforce Connect over ETL?

- A. The data is always fetched on demand.
- B. If the origin is offline, the data is still available via Salesforce Connect.
- C. Standard protocols like OData can easily proxy external data into Salesforce.
- D. Data security can be enforced using per-user or per-application authentication.

**Answer:** B

#### NEW QUESTION 6

Universal Containers is building a new marketing website on Heroku. They want to capture user information on the site and have that data flow into Salesforce for followup.

Which Heroku features should an Architect recommend to accomplish this?

- A. Heroku Conned and Heroku Postgres.
- B. Heroku Private Spaces and Private Space Peering.
- C. Heroku Redis and Heroku Teams.
- D. Heroku Dataclips and the Heroku Platform API.

**Answer:** A

#### NEW QUESTION 7

Universal Containers runs an application in a Private Space in the Frankfurt region. The majority of the application's users (based in Asia) are reporting issues related to high latency. What should an Architect recommend to remediate this issue cost-effectively?

- A. Add the Tokyo region to the existing Private Space.
- B. Update the application's configuration to move it to Tokyo region.
- C. Deploy the application to the Common Runtime and select Tokyo as the region.
- D. Delete the existing Private Space.
- E. Create an additional Private Space in the Tokyo region.

- F. Deploy an additional instance of the application to the region.
- G. Create a new Private Space in the Tokyo Region, and deploy the application to the regio
- H. Delete the existing Private Space.

**Answer:** D

**Explanation:**

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

**NEW QUESTION 8**

A Heroku application uses Heroku Connect to integrate with data from a Salesforce org. Since then, several fields from the Salesforce objects that were mapped using Connect have been removed. As a result, the development team will reload the mapping using Heroku Connect.

What is an implication of reloading the mapping?

- A. The mapped tables in Heroku Postgres will continue to store the previously synchronized data, and synchronization will restart normally.
- B. The mapped tables in Heroku Postgres will be truncated as part of the reload actio
- C. The data in removed fields will be lost, and synchronization will pause until manually restarted.
- D. The mapped tables in Heroku Postgres will continue to store the previously synchronized data, but synchronization will pause until manually restarted.
- E. The mapped tables in Heroku Postgres will be truncated as part of the reload actio
- F. The data in removed fields will be lost, and synchronization will restart normally.

**Answer:** A

**NEW QUESTION 9**

Which three resources can be found in the Heroku Elements Marketplace? (Choose three.)

- A. Heroku Buttons
- B. Buildpacks
- C. Heroku Stacks
- D. Docker image files
- E. Add-ons

**Answer:** ABE

**NEW QUESTION 10**

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. Move the 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>

**NEW QUESTION 10**

Callouts in Apex trigger support which authentication mechanisms:

- A. Pre-shared keys
- B. username and password credentials
- C. All of these
- D. OAuth flows using named credentials in the Remote Site settings

**Answer:** C

**NEW QUESTION 14**

Universal Containers (UC) has configured SSO for their Heroku Enterprise Team using an identity provider (IdP).

When a new employee joins the company, how should their Heroku account be created?

- A. A Heroku account is created for the employee automatically the first time they log in to Heroku via SSO.
- B. The employee should create a new Heroku account with the exact email address listed in their IdP record.
- C. No account creation is required, because all SSO users in a particular Enterprise Team are associated with a single Heroku account.
- D. An administrator of the Enterprise Team creates the Heroku account with the exact email address listed in the employee's IdP record.

**Answer:** A

**NEW QUESTION 17**

A client's application needs to run in a European country for data residence purposes. What is a consideration in this scenario?

- A. When a dyno is cycled, its replacement might run in a different region.
- B. European regions are only available for applications running in Private Spaces.
- C. Heroku Postgres backup snapshots and dataclips are always stored in the U.S.
- D. There is no guarantee that a Heroku Postgres database will be created in the same region as the application that provisions it.

**Answer:** B

**Explanation:**

-<https://devcenter.heroku.com/articles/heroku-postgresql#data-residency>

**NEW QUESTION 21**

Acient has a data Ina SAP data store. The client uses Heroku External Objects to expose Heroku Postgres tables in their Salesforce org. They want to perform custom transformations on the SAP data and then expose the transformed data in their Salesforce org. Which solution should an Architect recommend?

- A. Use Salesforce Connect to perform any necessary transformations on Vie SAP data and sync the transformed data to the Salesforce org.
- B. Use Heroku Connect to sync the SAP data to Heroku Postgres and then perform any necessary transformations Ensure the transformes data is in a table that is exposed in the Salesforce org.
- C. Use an ETL tool to sync the SAP data to Heroku and then perform any necessary transformations.Ensure the transformes data is in a table that is exposed in the Salesforce org.
- D. Perform in-place transformations on the data in SAP and then use Heroku Connect to sync the SAP data to Heroku Postgre
- E. Ensure the transformed data is in a table that is exposed in the Salesforce org.

**Answer:** C

**Explanation:**

- <https://www.heroKu.com/tech-sessions/get-started-wlth-apache-kafka>

**NEW QUESTION 24**

A client wants to deconstruct a monolithic app into a collection of smaller apps which should be able to send HTTP requests to each other. The smaller apps should not be publicly accessible on the internet. Which Heroku Enterprise features should an Architect recommend to enable this architecture?

- A. Heroku and ApacheKafka on Heroku
- B. Heroku Connect and Internal Routing
- C. Heroku Private Spaces and Heroku Connect
- D. Heroku Private Spaces and Internal Routing

**Answer:** D

**Explanation:**

- <https://www.heroku.com/tech-sessions/get-started-wtth-apache-kafka>

**NEW QUESTION 27**

A customer's IT department will not allow VPN access through their on-premise gateway. Users need to be able to access trusted Heroku applications only when they are in the office. These applications are deployed to a Heroku Private Space.

Which two Private Spaces features should an Architect recommend to enable on-premise users to gain the access they need? (Choosetwo.)

- A. Stable outbound IP addresses
- B. VPC peering
- C. Internal routing
- D. Trusted IP ranges

**Answer:** AD

**NEW QUESTION 29**

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

**Explanation:**

<https://devcenter.heroku.com/articles/vpn-private-space. google-cloud-platform#manual-setup>

**NEW QUESTION 32**

Which 2 architectures are enabled by using a single Private Space and the Internal Routing feature?

- A. A microservices architecture that also uses DNS ServiceDiscovery to facilitate communication
- B. Multiple public-facing web apps with different sets of trusted inbound IP ranges
- C. A single public-facing web app that performs network-isolated communication with multiple non-public-facing web apps.
- D. Network-isolated communication between applications in the Private Space and applications in the Common Runtime

**Answer:** AC

**Explanation:**

- <https://devcenter.herokuxorn/articles/event-driven-microservices-with-apache-kafka>

#### NEW QUESTION 35

A healthcare services client is requesting an architecture for a set of applications: one is a marketing application, and the other two are of customer service applications that allow for customers to interact with their healthcare records. The marketing application must be able to scale up within seconds in response to traffic spikes. The client wants to be able to deploy each of these applications to the U.S. East Coast and EMEA. Which applications should be deployed into which Heroku runtime?

- A. The marketing application into Private Spaces; customer service applications into Shield Private Spaces
- B. The marketing application into the Common Runtime; customer service applications into Shield Private Spaces
- C. The marketing application into the Common Runtime; customer service applications into Private Spaces
- D. The marketing application into Private Spaces; customer service applications into separate Private Spaces

**Answer:** A

#### Explanation:

-<https://devcenter.heroku.com/articles/private-spaces#trusted-ip-ranges>

#### NEW QUESTION 36

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 application closer to its intended users can reduce latency.
- D. Available compute resources vary by region.

**Answer:** C

#### NEW QUESTION 40

Which three actions can a user perform on an app in a Heroku Enterprise Team, if that user has been granted only the "deploy" permission for that app? Choose 3 answers.

- A. Provision an add-on with a free plan
- B. Manage the app's config vars.
- C. Transfer the app to another Enterprise Team.
- D. Roll back a release

**Answer:** ABD

#### Explanation:

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

#### NEW QUESTION 43

A RESTful API is:

- 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

#### NEW QUESTION 47

Universal Containers experienced an outage with their production Heroku Postgres database due to a fault with the underlying infrastructure. The database was unavailable for an hour. The database is on the Standard-0 plan.

Which two actions should an Architect recommend to mitigate such database failures and outages in the future? (Choose two.)

- A. Create a follower database that uses the same plan as the leader.
- B. Migrate the database to a Premium-tier plan.
- C. Migrate the database to a larger Standard-tier plan.
- D. Create a fork of the database that uses the same plan as the leader.

**Answer:** AC

#### NEW QUESTION 50

A client has an existing Heroku Connect integration. They would like to extend the integration to add Attachments (which are related binary files) from a mapped Salesforce object. What advice should an Architect provide?

- A. A file storage system needs to be added to the Heroku Connect mapping to sync binary files.
- B. Heroku Connect does not support binary files: therefore migration must be done using another method
- C. A column of type Binary String must be added manually to the Heroku Postgres table and amend Attachments before binary transfer can be enabled.
- D. An additional object mapping must be added for the Attachments table in Heroku Connect.

**Answer:** B

#### Explanation:

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



#### NEW QUESTION 51

The best use of Canvas apps is to:

- A. Render custom widgets on Chatter feeds
- B. All of these
- C. Display third-party apps in Salesforce
- D. Display real estate photos in Salesforce for house listings

**Answer:** B

#### NEW QUESTION 55

A client wants to create a scalable set of microservices that communicate with each other, where multiple microservices have a public REST API. Which architecture strategy allows this on Heroku?

- A. Each microservice is a separate Heroku app
- B. The microservices communicate by using Apache Kafka as a message bus.
- C. Each microservice is a separate process type in a single Heroku app
- D. The microservices communicate by using Redis as a message bus.
- E. Each microservice is a separate private space
- F. The microservices communicate by using DNS Service Discovery.
- G. Each microservice is a separate process in a single Heroku app
- H. The microservices communicate by using shared memory.

**Answer:** C

#### Explanation:

- <https://devcenter.heroku.com/articles/event-driven-microservices-with-a-dache-kafka>

#### NEW QUESTION 57

A client wants to perform complex processing on large data sets in Salesforce. The data is confidential, but it does not have advanced compliance requirements. What Heroku Enterprise features should an Architect recommend in this scenario?

- A. Shield Private Spaces and Heroku External Objects
- B. Private Spaces and Heroku Connect
- C. Private Spaces and Heroku External Objects
- D. Shield Private Spaces and Heroku Shield Connect

**Answer:** D

#### Explanation:

- <https://devcenter.heroku.com/articles/heroku-postgresql#data-residency>

#### NEW QUESTION 58

Which three overview cards does the Field Service mobile app provide as context to Technicians on upcoming Service Appointments? (Choose three.)

- A. Asset History
- B. Contact
- C. Address
- D. Site Details
- E. Product Catalog

**Answer:** BCD

#### NEW QUESTION 61

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 messages are never processed more than once
- D. Scale up the consumer dynos to match the number of partitions so that there is one process for each partition.

**Answer:** C

#### NEW QUESTION 65

Universal Containers has 3 Heroku apps in its microservices and requires that logs for all of the apps be stored in the same location for analysis and alerting purposes. How would they achieve this?

- A. Send logs from each app to their own Heroku Redis Store, and then combine all logs in a fourth master store.
- B. Set up the 3 apps as producers for Apache Kafka on Heroku and save their logs to Kafka
- C. Set up a file on the filesystem and share it with all the apps
- D. Install a logging add-on for one app and attach it to the other two apps

**Answer:** B

**Explanation:**

<https://devcenter.heroku.com/articles/heroku-connect-faq#can-i-use-sharing-rules-to-restrict-record-visibility>

**NEW QUESTION 70**

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 code encrypts 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:** AC

**NEW QUESTION 75**

Universal Containers wants to limit the total cost of their Heroku usage while they're getting started on the platform. To accomplish this, they are considering replacing certain add-ons with comparable open-source components, but the development team doesn't want to lose access to certain features that the add-ons provide.

Which option should an Architect recommend for reducing add-on costs without affecting feature availability?

- A. Remove aliases for high-cost add-ons.
- B. Share a single instance of a compatible paid add-on across multiple applications.
- C. Remove data store add-ons from the staging and development versions of the applications.
- D. Migrate add-ons to free plans.

**Answer:** C

**Explanation:**

<https://devcenter.heroku.com/articles/heroku-connect-faq#can-j-use-sharing-rules-to-restrict-record-visibility>

**NEW QUESTION 79**

Which Heroku feature allows you to deploy a real app complete with code, config, and add-ons already configured?

- A. Heroku Getting Started guides
- B. Heroku Deployment wizard
- C. git push heroku master
- D. Heroku Buttons

**Answer:** D

**NEW QUESTION 81**

In the hierarchy of cloud services, PaaS generally provides more out of the box than:

- A. Software as a service (SaaS)
- B. Infrastructure as a service (IaaS) and on-premises Infrastructure
- C. Salesforce Marketing Cloud
- D. Visualforce pages

**Answer:** B

**NEW QUESTION 82**

An existing app is experiencing performance degradation because of multiple executions of multiple, expensive SQL read queries. This SQL code cannot be optimized any further and the frequency of the execution of the queries cannot be reduced. Which two options should an Architect recommend in this scenario?

- A. Hardcode the results of the query into app logic
- B. Add a read-only Heroku Postgres follower
- C. Create a database caching layer
- D. Restart the Heroku Postgres server to reclaim cache

**Answer:** BC

**Explanation:**

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

**NEW QUESTION 83**

A client provisions a Heroku Postgres database in the EU region.

Which two services related to Heroku Postgres are located in the U.S.? (Choose two.)

- A. Fork and follower databases
- B. Heroku Postgres Continuous Protection backups
- C. Snapshots created with Heroku PGBackups
- D. Heroku Dataclips



**Answer:** AD

**Explanation:**

- <https://devcenter.heroku.com/articles/heroku-postgresql>

**NEW QUESTION 86**

A client is running an app on 20 Standard-2x dynos. They are noticing highly variable performance when the application is experiencing a heavy load. Which two suggestions should an Architect make in this scenario? (Choose two.)

- A. Configure the app to use Standard-1x dynos.
- B. Configure the app to use Performance dynos.
- C. Install a performance monitoring tool.
- D. Add additional Standard-2x dynos.

**Answer:** BD

**NEW QUESTION 89**

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:** AD

**Explanation:**

- <https://devcenter.heroku.com/articles/dataclips>

**NEW QUESTION 92**

Universal Containers (UC) wants to better understand their service business and Field Service Technician teams' schedules. A Consultant suggested UC start to forecast and plan.

Which two abilities does forecasting and planning provide? (Choose two )

- A. More accurately assign Work Orders based on skills.
- B. Proactively adjust to demand fluctuations.
- C. Proactively adjust Service Contracts
- D. More consistently meet customer response times

**Answer:** BD

**NEW QUESTION 97**

Which is an effect of "locking" an application that belongs to a Heroku Enterprise Team?

- A. New members of the Enterprise Team are granted no automatic permissions for the application.
- B. The application cannot be deployed until it is unlocked.
- C. Members of the Enterprise Team who are not administrators have their permissions for the application revoked.
- D. Members of the Enterprise Team cannot be granted new permissions for the application until it's unlocked.

**Answer:** A

**NEW QUESTION 99**

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

**NEW QUESTION 100**

Upon arrival for a Service Appointment, the Field Service Technician reports that a team of people is required to resolve the issue. How can the Dispatcher ensure that the required staff is assigned to the project?

- A. Assign the existing Service Appointment to a Crew.
- B. Assign the existing WorkOrder to each staff member
- C. Create a new Service Appointment and assign a Crew.
- D. Assign the existing Work Order to a Crew.

**Answer:** C

**NEW QUESTION 105**

Which two statements describe characteristics of Private Space Logging? (Choose two.)

- A. Log entries are forwarded as HTTPS POST requests.
- B. Log entries are collated and forwarded by Heroku's Logplex router.
- C. Log entries can be forwarded to up to three logging services.
- D. Log entries can be forwarded to only one logging service.

**Answer:** AC

#### NEW QUESTION 108

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

- A. A replicated data set reduces data access latency.
- B. A replicated 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

#### NEW QUESTION 112

Universal Containers is developing a new application that has a lightweight Node.js front end. They will also be using a Java-based API, which combines data with Salesforce customer data. All of the data, and the API, is highly confidential.

What should an Architect suggest to enforce security?

- A. Deploy the apps into either Heroku runtime
- B. Force the Java app to use a CDN, and point the Node.js app to its appname.herokuapp.com domain.
- C. Deploy all of the apps to the Common Runtime
- D. Force the Java app to use SSL/TLS sessions, and point the Node.js app to its appname.herokuapp.com domain.
- E. Deploy all of the apps to a Heroku Private Space
- F. Force the Java app to use SSL/TLS sessions, and point the Node.js app to its appname.herokuapp.com domain.
- G. Deploy all of the apps to a Heroku Private Space
- H. Deploy the Java app with Internal Routing enabled. Deploy the Node.js app without Internal Routing enabled.

**Answer:** D

#### NEW QUESTION 114

A customer wants to sync data between their Salesforce org and Heroku Postgres.

Which two limitations should an Architect remember when recommending Heroku Connect? (Choose two.)

- A. HerokuConnect can only access fields and objects that its associated Salesforce integration user can access.
- B. Heroku Connect does not support all Salesforce objects and fields.
- C. Heroku Connect does not provide an API.
- D. Heroku Connect cannot sync custom objects.

**Answer:** AC

#### NEW QUESTION 117

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 VPN connections
- D. Heroku Connect

**Answer:** C

#### Explanation:

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

#### NEW QUESTION 118

Heroku apps that handle callouts from Salesforce can be written in:

- A. All of these
- B. Python
- C. Node, js / JavaScript
- D. Java, Scala
- E. Clojure
- F. PHP

**Answer:** A

#### NEW QUESTION 123

A client is building a collection of web apps that will serve short-lived marketing sites during REST. The apps must support HTTPS connections. They also need to scale up and down at unpredictable intervals. The client is not currently a Heroku Enterprise customer. Given the scenario, what should an Architect recommend?

- A. Sign up for Heroku Enterprise and deploy each app to a different Private Space

- B. Sign up for Heroku Enterprise without deploying the apps to the same Private Space
- C. Sign up for Heroku Enterprise and deploy the apps to the same Private Space
- D. Deploy the apps to the Common Runtime

**Answer:** D

**Explanation:**

-<https://devcenter.heroku.com/articles/internal-routing>

**NEW QUESTION 126**

Universal Containers wants to measure their adherence to specific SLAs for all Work Orders. In which order should a Consultant implement the setup to achieve this requirement?

- A. Set Up Milestone
- B. Create Entitlement records, Set Up Entitlements Process for Work Orders.
- C. Set Up Entitlements Process for Work Orders, Set Up Milestones, Create Entitlement records
- D. Create Entitlement records, Set Up Entitlements Process for Work Order
- E. Set Up Milestones
- F. Set Up Milestone
- G. Set Up Entitlements Process for Work Orders, Create Entitlement records.

**Answer:** B

**NEW QUESTION 131**

Universal Containers wants the ability for their Field Technicians to log sales opportunities associated with their Work Orders.

What configuration should a Consultant implement so Field Technicians can easily achieve this through the Field Service mobile app?

- A. Quick Action on Opportunity to Create Work Order Line Item
- B. Quick Action on Opportunity to Create Work Order
- C. Quick Action on Work Order Line Items to Create Opportunity
- D. Quick Action on Work Order to Create Opportunity

**Answer:** D

**NEW QUESTION 136**

A hospital is planning to rewrite its on-premise patient registration system. Their current system is

HIPAA-compliant as well as ISO 27018-compliant. They need to maintain these same certification levels after the rewrite. Their new app also needs to sync PII (personally identifiable information) data with their Salesforce org.

What Heroku Enterprise solutions should an Architect propose?

- A. Build the app in a Shield Private Space, with a Shield Heroku Postgres database, and use Apache Kafka on Heroku to stream from the Salesforce org.
- B. Build the app in the Common Runtime, use a Heroku Postgres database, and use Heroku Connect to sync to Salesforce.
- C. Build the app in a Shield Private Space, with a Shield Heroku Postgres database, and use Shield Heroku Connect to sync to Salesforce.
- D. Build the app in a Private Space with a Private Heroku Postgres database, and use Heroku Connect to sync to Salesforce.

**Answer:** C

**NEW QUESTION 137**

A client runs an application on a background worker dyno. The application allows its users to request personalized information as a PDF. At peak usage, the app processes millions of requests at once. The resulting number of requests has caused a bottleneck that is impacting its performance.

Which two solutions can an Architect recommend to resolve the bottleneck and improve performance? (Choose two.)

- A. Increase the number of workers to consume the job faster.
- B. Move the application to a Private Space.
- C. Add Heroku Redis as a job queue.
- D. Add a CDN add-on from the Elements marketplace.

**Answer:** AB

**NEW QUESTION 141**

Dataclips allows a user to choose which datastore to query. Which type of datastore is supported?

- A. Any datastore, provided that you have the connection URL
- B. Heroku Postgres
- C. Heroku Redis
- D. Any datastore connected via Heroku Connect

**Answer:** B

**Explanation:**

<https://devcenter.heroku.com/articles/heroku-connect-faq#can-i-use-sharing-rules-to-restrict-record-visibility>

**NEW QUESTION 142**

Universal Containers provides multiple service types (i.e., Installation, Maintenance, Break/Fix, etc.) Each service requires a variety of skills and certifications in order for a resource to excel

Which two configurations should a Consultant implement to meet this requirement? (Choose two )

- A. Use Work Types with Required Skills
- B. Assign the appropriate Skills to Resources
- C. Create Multiple Work Orders Line Items per service.
- D. Select the relevant Work Types for each Resource

**Answer:** AB

#### NEW QUESTION 147

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. SOC2Type1
- D. ISO 27018

**Answer:** B

#### Explanation:

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

#### NEW QUESTION 152

A client is building a system that will sync data from multiple Salesforce orgs to a single Heroku Postgres database. This system also needs to push the synced data to an external data warehouse for analytics processing. Which solution meets all of the requirements in this scenario?

- A. Use Heroku Connect to synchronize data between the Salesforce orgs, the Heroku Postgres database and the external data warehouse
- B. Use Salesforce Connect to synchronize data between the Salesforce orgs and the Heroku Postgres database Use Heroku Connect to sync data between the Heroku Postgres database and the external data warehouse.
- C. Use Heroku External Objects to synchronize data between the Salesforce orgs and the Heroku Postgres database Use an ETL tool to push data from the Salesforce orgs to the external data warehouse.
- D. Use Heroku Connect to synchronize data between the Salesforce orgs and the Heroku Postgres database Use an ETL tool to push data from the Salesforce orgs to the external data warehouse.

**Answer:** D

#### Explanation:

<https://devcenter.heroku.com/articles/private-spaces#trusted-ip-ranges>

#### NEW QUESTION 154

A client needs to securely connect a Heroku app to a database on their on-premise network. Which two Heroku Enterprise features should an Architect consider?

- A. Private Space Peering
- B. SSLEndpoint
- C. Heroku Private Spaces
- D. Private Space VPN Connections

**Answer:** CD

#### Explanation:

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

#### NEW QUESTION 158

Universal Containers needs to write their Heroku application's logs to two destinations: an on-premise Syslog log server and a cloud analytics provider that ingests logs using an HTTPS endpoint.

What should an Architect recommend in this scenario?

- A. Publish all logs to Apache Kafka on Heroku, and create a separate app that consumes and distributes log messages.
- B. Write all logs to Heroku Redis as a buffer and use an add-on to send them to both destinations.
- C. Add a logging library to the application source that sends all logs directly to both destinations.
- D. Write all logs to stdout, and configure a separate log drain for each destination.

**Answer:** D

#### NEW QUESTION 162

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 amount of 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/articles/heroku-connect-faq#can-i-use-sharing-rules-to-restrict-record-visibility>

#### NEW QUESTION 164

Universal Containers (UC) recently acquired another company, International Shipping. Each company has its own Salesforce org, and UC wants those orgs to remain separate for the foreseeable future. Given this scenario, which Heroku feature should an Architect recommend to provide additional value to UC following the acquisition?

- A. Heroku Connect can be used to synchronize data directly between the two Salesforce orgs.
- B. Both orgs can be attached to the same Heroku application as an add-on to ensure data residency in the application's region.
- C. Heroku External Objects can expose read-only data from both Salesforce orgs to Heroku Postgres.
- D. A Heroku Postgres database can sync data from both orgs for advanced querying capabilities.

**Answer:** A

#### NEW QUESTION 165

Which technology do Salesforce REST APIs use for authentication?

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

**Answer:** A

#### NEW QUESTION 168

Which is a characteristic of an add-on that is "available" for applications in Private Spaces but not "installable" in a Private Space?

- A. The add-on always runs in the same Private Space as the provisioning application.
- B. The traffic between the provisioning app and the add-on will travel across the public Internet.
- C. The add-on will always run in the same region, but not in the same Private Space, as the provisioning application.
- D. The add-on's data will always be stored in the same Private Space as the provisioning application.

**Answer:** C

#### NEW QUESTION 173

What are 3 examples of backing services, as described in the Twelve Factor app methodology?

- A. A database
- B. A logging tool
- C. An email delivery service
- D. A background process with a long running task

**Answer:** ABC

#### Explanation:

- <https://devcenter.heroku.com/articles/internal-routing>

#### NEW QUESTION 178

Universal Containers (UC) has a Heroku Postgres database attached to a Heroku app, which is running in the Common Runtime. What should an Architect recommend UC do to secure their database to only trusted locations?

- A. Move the database and the app into the Private Space.
- B. Add a Trusted IP range to the Heroku Postgres configuration.
- C. Set up a VPN from the trusted locations to the app.
- D. Set up a VPC in a one-off dyno when access to Heroku Postgres is needed.

**Answer:** B

#### NEW QUESTION 180

Universal Containers has a Heroku app that uses Heroku Connect to sync data with their Salesforce org. The app makes frequent updates to the same records over short period of time, and sync speeds have begun to worsen. An Architect recommends using Heroku Connect's Merged Writes algorithm to improve sync speeds. What are 2 implications of using the Merged Writes algorithm in this scenario?

- A. Relationships such as circular dependencies are known to cause issues.
- B. The Merged Writes algorithm does not support using Salesforce SOAP API
- C. The Merged Writes algorithm is more likely to approach Salesforce API rate limits.
- D. The Merged Writes algorithm does not support using the Salesforce Bulk API.

**Answer:** AD

#### Explanation:

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

#### NEW QUESTION 183

Universal Containers wants to ensure that inventory needed for repair jobs is tracked and managed so



Technicians have the material for their jobs.

Which two ways should a Consultant recommend tracking these inventory requirements in Salesforce? (Choose two.)

- A. Products Required for Service Appointments
- B. Products Required for Work Orders
- C. Products Required for Work Order Line Items
- D. Products Required for Service Resources

**Answer:** BC

#### NEW QUESTION 184

A client has data in a Heroku Postgres table. They want to generate analytics based on the table and make the results available in their Salesforce org. Their Salesforce administrator wants to minimize the amount of data that is written to Salesforce to accomplish this. Which strategy should an Architect recommend on this scenario?

- A. Use Heroku Connect to sync the Heroku Postgres table to the Salesforce org, and generate analytics from the Salesforce org.
- B. Use the Heroku application to generate analytics, and write the results to a separate Heroku Postgres table. Expose that table to the Salesforce org with Heroku External Objects.
- C. Use the Heroku application to generate analytics, and write the results to the Salesforce org with the Salesforce Bulk API.
- D. Use the Heroku application to generate analytics and write them to a separate Heroku Postgres table. Sync that table to the Salesforce org with Heroku Connect.

**Answer:** B

#### Explanation:

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

#### NEW QUESTION 186

Universal Containers (UC) has an on-premise 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 on the local system. After the report is submitted, a case is created in UC's Salesforce org for processing, and 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. Write logs to standard output instead of writing them to the file system

**Answer:** AD

#### Explanation:

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

#### NEW QUESTION 190

Universal Containers has implemented a Knowledge solution for Agents to provide Field Technicians with information necessary to complete assigned work. Which two capabilities will now be available? (Choose two.)

- A. Attach Knowledge Articles to Work Order Line Items Only.
- B. Manage Attached Articles and Search the Knowledge Base
- C. include Quick Actions and Global Actions in Attached Articles.
- D. Attach Articles to Work Orders and Work Order Line Items.

**Answer:** BD

#### NEW QUESTION 194

Universal Containers (UC) has a front-end web application and a back-end service application running on Heroku. The applications are running in the Common Runtime. Now, UC wants to prevent any public access to the back-end application. Which two Heroku features should an Architect propose?

- A. Private Space VPN Connections
- B. Private Spaces DNS Service Discovery
- C. Heroku Internal Routing
- D. Apache Kafka on Heroku

**Answer:** AB

#### Explanation:

- <https://devcenter.heroku.com/articles/dataclips>

#### NEW QUESTION 195

Universal Containers collects sensor data from millions of sensors that are located around the World. Now, they want to process this data on Heroku. What are three advantages of using a microservices architecture with Apache Kafka on Heroku in this scenario? Choose 3 answers.

- A. Kafka is highly available and fault-tolerant
- B. Individual services can be scaled easily for high-volume event processing
- C. Consumers and producers can be scaled independently.
- D. Individual services can efficiently communicate with each other using REST APIs.



**Answer:** ABC

**Explanation:**

- <https://www.heroku.com/lech-sessions/get-started-with-apache-kafka>

**NEW QUESTION 200**

Universal Containers wants their Field Technicians to indicate if any of their Service Appointments are at risk of not being completed on time. They would like for this to be achieved on a mobile device using a Quick Action. What should a Consultant recommend to achieve this requirement?

- A. Update the Service Appointment Status field.
- B. Update the Service Appointment Chatter feed.
- C. Reschedule the Service Appointment for later
- D. Update the Service Appointment field "In Jeopardy"

**Answer:** A

**NEW QUESTION 203**

A client is building a collection of Heroku applications that will be audited regularly. To comply with the audit, it must be guaranteed that the applications all forward their logs to the same, single destination. Which solution meets this requirement?

- A. Deploy all of the applications to the Common Runtime, and attach the same instance of a logging add-on to all of them.
- B. Deploy all the applications to the same Shield Private Space with Private Space Logging enabled
- C. Deploy all the applications to the Common runtime, and add the same log drain URL to all of them.
- D. Deploy all the applications to the same Private Space with Logplex disabled.

**Answer:** B

**Explanation:**

- <https://devcenter.heroku.com/articles/dataclips>

**NEW QUESTION 208**

Universal Containers has an application running in the Common Runtime that uses Heroku Redis. The data in Heroku Redis needs to be accessed by a third-party application.

Which connection method should an Architect recommend to ensure the security of the data as it moves from Heroku Redis to the third-party application?

- A. Use stunnel to secure the connection between Heroku Redis and the third-party application.
- B. Set up SSL Certificates on Heroku and the third-party application.
- C. Only allow access to Heroku Redis through an SSH connection.
- D. Set up both a VPN and a VPC between Heroku and the third-party application.

**Answer:** C

**Explanation:**

- <https://devcenter.heroku.com/articles/securing-heroku-redis>

**NEW QUESTION 210**

The Disaster at Universal Containers would like to schedule Service Appointments from the Dispatcher's Console while taking the Scheduling Policy into consideration.

Which three options are available to the Disaster? (Choose three.)

- A. Select a Service Appointment from the list, press the "Change Status" action and "Dispatch".
- B. Select a Service Appointment from the list, press the "Candidates" action, and select the best time slot.
- C. Select multiple Service Appointments from the list and bulk schedule them. Select a Service Appointment from the list, press the "Edit" action and allocate the Resource
- D. Create a Workflow to close the Milestone when the Wrap Up is complete.
- E. Select a Service Appointments from the list and press the "Schedule" action.

**Answer:** ACE

**NEW QUESTION 215**

Canvas apps can authenticate a user with:

- A. OAuth
- B. Signed request
- C. Username and password
- D. Either OAuth or signed request

**Answer:** D

**NEW QUESTION 220**

A customer's Heroku Redis instance regularly reaches its storage limit. Besides upgrading to a bigger plan, what solution should an Architect recommend for this scenario?

- A. Explore a different key eviction scheme.
- B. Create a fork of the primary Heroku Redis instance.

- C. Migrate the data to a Heroku Postgres database
- D. Failover to ephemeral filesystem for the running dyno

**Answer:** A

**Explanation:**

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

**NEW QUESTION 225**

A client wants to use Heroku Connect to sync data from a Heroku Postgres table to a Salesforce org. The client only needs to sync a specific subset of the rows in the table.

How should this be performed?

- A. Add a mapping filter to the table when setting up the sync, and select appropriate criteria from the list.
- B. Filter the data in the database, and provide an alternative table or view for use in the sync.
- C. Use the Heroku Connect Mapping Query Editor, and add filters to the query.
- D. Place Sharing Rules on the records, and restrict visibility to only those rows that are needed.

**Answer:** D

**Explanation:**

- <https://devcenter.heroku.com/articles/heroku-connect-faq#can-i-use-sharing-rules-to-restrict-record-visibility>

**NEW QUESTION 230**

Universal Containers is developing a Salesforce app that invokes a Heroku app's web service, which asynchronously generates customer invoices. The Heroku app is deployed to a Private Space. When an invoice is ready, the Heroku app sends a POST request to the Salesforce REST API. Which two options should an Architect recommend to ensure that neither the Salesforce nor the Heroku app is accessible from the public internet? Choose 2 answers.

- A. Restrict the Private Space's trusted IP range to Salesforce IP addresses
- B. Restrict the Private Space's trusted IP range to Universal Containers' VPN
- C. Restrict the Salesforce connected app's login IP ranges to Universal Containers' VPN
- D. Restrict the Salesforce connected app's login IP ranges to the stable outbound IP addresses of the Private Space

**Answer:** AD

**Explanation:**

This is no VPN connection and a trusted IP range is used to limit the trusted outside application's IP address. And there is a document related to this use case: <https://devcenter.heroku.com/articles/establish-trust-private-space-and-salesforce#salesforce-heroku-apps>

**NEW QUESTION 234**

Universal Containers would like to provide Field Service Technicians the ability to capture details and customer approval on completed work so that the details can be compiled and sent to the customer electronically.

What should a Consultant recommend to meet this requirement?

- A. Create a custom report.
- B. Create a Process Builder to generate a report.
- C. Use the standard Work Order email template.
- D. Use the standard Service Report

**Answer:** D

**NEW QUESTION 236**

Universal Containers has a large volume of cancellations occurring on their Work Orders. The COO wants to manage Work Order cancellations and subsequent follow-ups.

Which two options should a Consultant recommend? (Choose two)

- A. Change the Work Order with a closed status of "Cancelled".
- B. Address
- C. Re-use the existing Work Order for the follow-up.
- D. Create a child Work Order for the follow-up Work Order
- E. Change the Work Order with a status of "New".

**Answer:** AD

**NEW QUESTION 237**

What are two features of a Shield Private Space that has Private Space Logging enabled? Choose 2 answers.

- A. Logs must be forwarded to a destination either within the Shield Private Space or within a VPN that includes the Shield Private Space.
- B. Applications in the Shield Private Space do not forward logs to Heroku's Logplex router.
- C. Applications in the Shield Private Space forward logs to a separate, high-compliance instance of Heroku's Logplex router.
- D. All applications in the Shield Private Space forward their logs to the same destination.

**Answer:** BD

**Explanation:**

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

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**NEW QUESTION 241**

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