Exam Code: P_BTPA_2408

Exam Name: SAP Certified Professional - Solution Architect - SAP BTP

Exam A

QUESTION 1
A fit-to-standard analysis determined that the provided SAP Fiori App for SAP S/4HANA Cloud private edition was insufficient based on existing business requirements, and that a new front-end app must be built.
As a solution architect, you are asked to propose a solution and are told the following:
* The backend logic running on SAP S/4HANA Cloud private edition is sufficient and an appropriate remote API for create, read, update, and delete (CRUD) operations exists.
* The front-end app must be able to run on a variety of devices such as mobile phones and tablets.
* Front-end app instances must scale up or down automatically based on administrator- provided scaling parameters.
Which of the following runtimes would be optimal for the new front-end app? Note: There are 2 correct answers to this question.

A. SAP BTP, Cloud Foundry runtime

B. SAP BTP, Kyma runtime

C. SAP BTP, Neo environment

D. SAP BTP, ABAP environment

Correct Answer: A, B
Section:

QUESTION 2
A company is implementing SAP S/4HANA Cloud along with SAP BTP. They need a customer-facing application for the general public. The application also needs to use its own unique SAP BTP subdomain. As a solution architect, you have been asked how a unique domain name can be accomplished.
Which of the following can serve as an option? Note: There are 2 correct answers to this question.

A. Create a new domain in a new global account

B. Create a new domain in a new subaccount

C. Create a new domain using the SAP Custom Domain Service

D. Create a new domain in a new directory

Correct Answer: B, C
Section:

QUESTION 3
A customer has developed an application. This application crashes occasionally. They want to collect metrics and traces to fix the problems that cause the application to crash. They are particularly impressed with the OpenSearch specification from Apache and would like to use an SAP BTP solution based on it, if one is available.
Which SAP BTP services would you recommend? Note: There are 2 correct answers to this question.

A. SAP Application Logging service for SAP BTP

B. SAP Cloud Management service for SAP BTP

C. SAP Cloud Logging service

D. SAP Audit Log service

Correct Answer: A, C
Section:

QUESTION 4

A project lead has the following requirements for a new design:

* When there is a deficit in the quantity of materials to be delivered by the supplier in a purchase order, an event will be triggered in S/4HANA Cloud by a periodic background job.
* The business event will be sent to SAP Event Mesh. A custom process will then be started in an on-premise system.
* The IT staff will have to set up several different scenarios using different on-premise systems.

The project lead wants an SAP BTP solution that provides guided workflows with assignable tasks to members of the IT staff to help them set up the scenarios.

As the solution architect, which of the following do you recommend?

A. SAP Build Process Automation

B. Cloud Integration Automation Service

C. Intelligent Situation Automation

D. SAP Automation Pilot

Correct Answer: B
Section:

QUESTION 5
You are a solution architect on a brownfield project where an SAP ECC 6.0 system is being migrated to SAP S/4HANA Cloud public edition. Two mission- critical legacy applications must be migrated to the new system. There is some debate on the project team as to the appropriate programming model to use:

* Application 1 was originally written using classic ABAP. The underlying SAP tables that the application originally relied on have been removed and the data now exists in a new simplified table in SAP S/4HANA Cloud public edition (to which table extensions are not permitted). Additional data needed for the application resides in SAP Ariba. Remote interfaces exist for both to select the data.
* Application 2 was originally written using Java and relied upon tables from the SAP ECC 6.0 system as well as SAP PLM 4.0. The PLM system will be retired; however, the SAP S/4HANA Cloud public edition instance has all the data needed for the application. No remote interfaces exist to select the data.

Which of the following approaches should the customer use? Note: There are 2 correct answers to this question.

A. Rewrite application 2 using the Cloud Application Programming Model

B. Rewrite application 1 using the Cloud Application Programming Model

C. Rewrite application 2 using the ABAP RESTful Application Programming Model

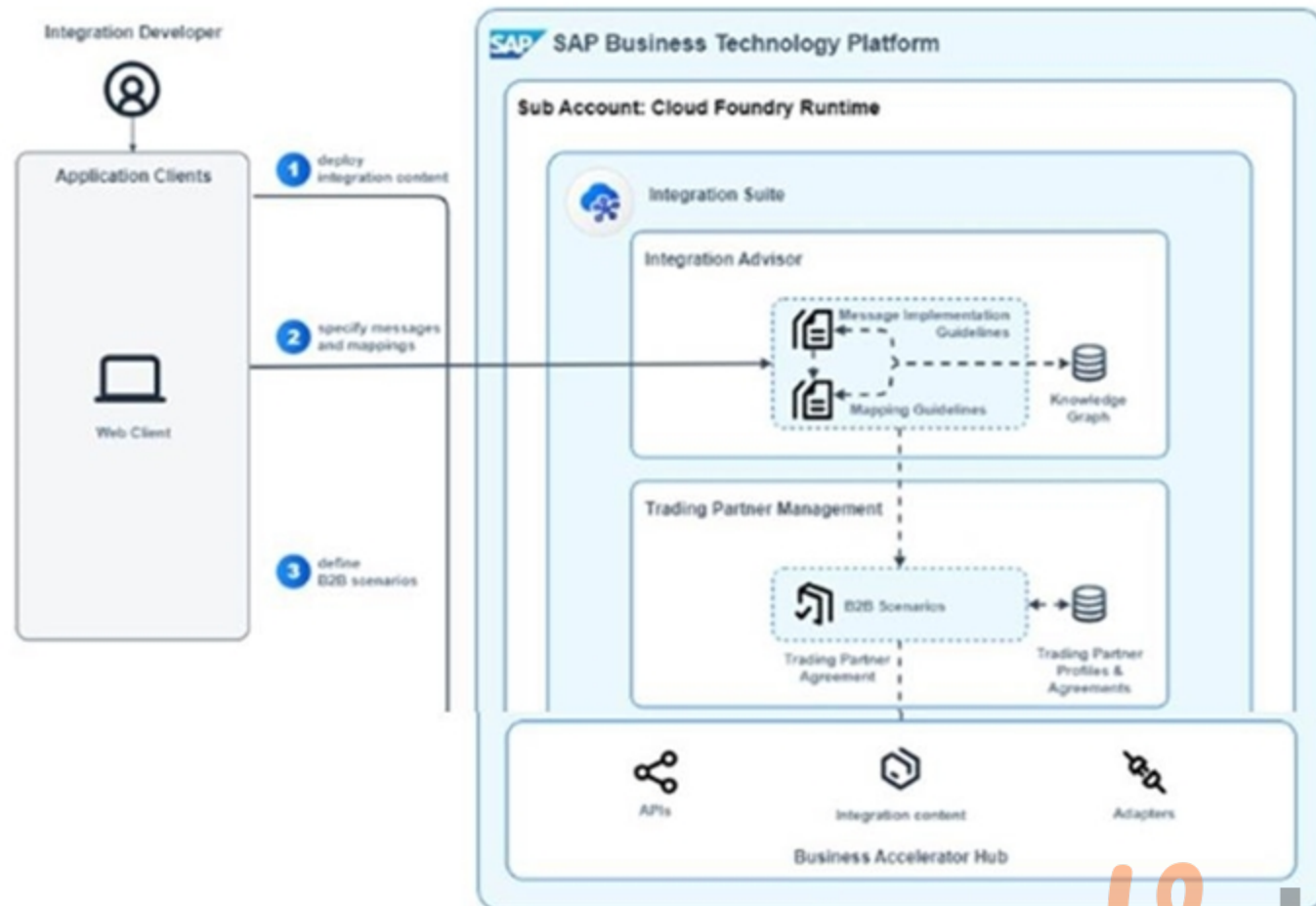D. Rewrite application 1 using the ABAP RESTful Application Programming Model

Correct Answer: A, D
Section:

QUESTION 6
In which phase of the SAP Integration Solution Advisory Methodology is a technology mapping of customer use cases and SAP BTP integration services produced (for an example of a solution architecture blueprint, see the attached diagram)?

A. Enable a practice of empowerment

B. Define integration best practices

C. Design your hybrid integration platform

D. Assess your integration strategy

Correct Answer: C
Section:

QUESTION 7
A company is decommissioning its legacy ERP system in favor of adopting SAP solutions. The company is not sure which specific solutions to adopt. The company has three main business goals:
* Maintain several unique business processes.
* Maintain the solutions with a small budget, and limited time and resources.
* Integrate several non-SAP solutions.
Which combination of solutions should the customer adopt?

A. SAP Lean IX | SAP S/4HANA on premise | SAP BTP

B. SAP Signavio | SAP S/4HANA public edition | SAP Process Orchestration

C. SAP Signavio | SAP S/4HANA Cloud public edition | SAP BTP

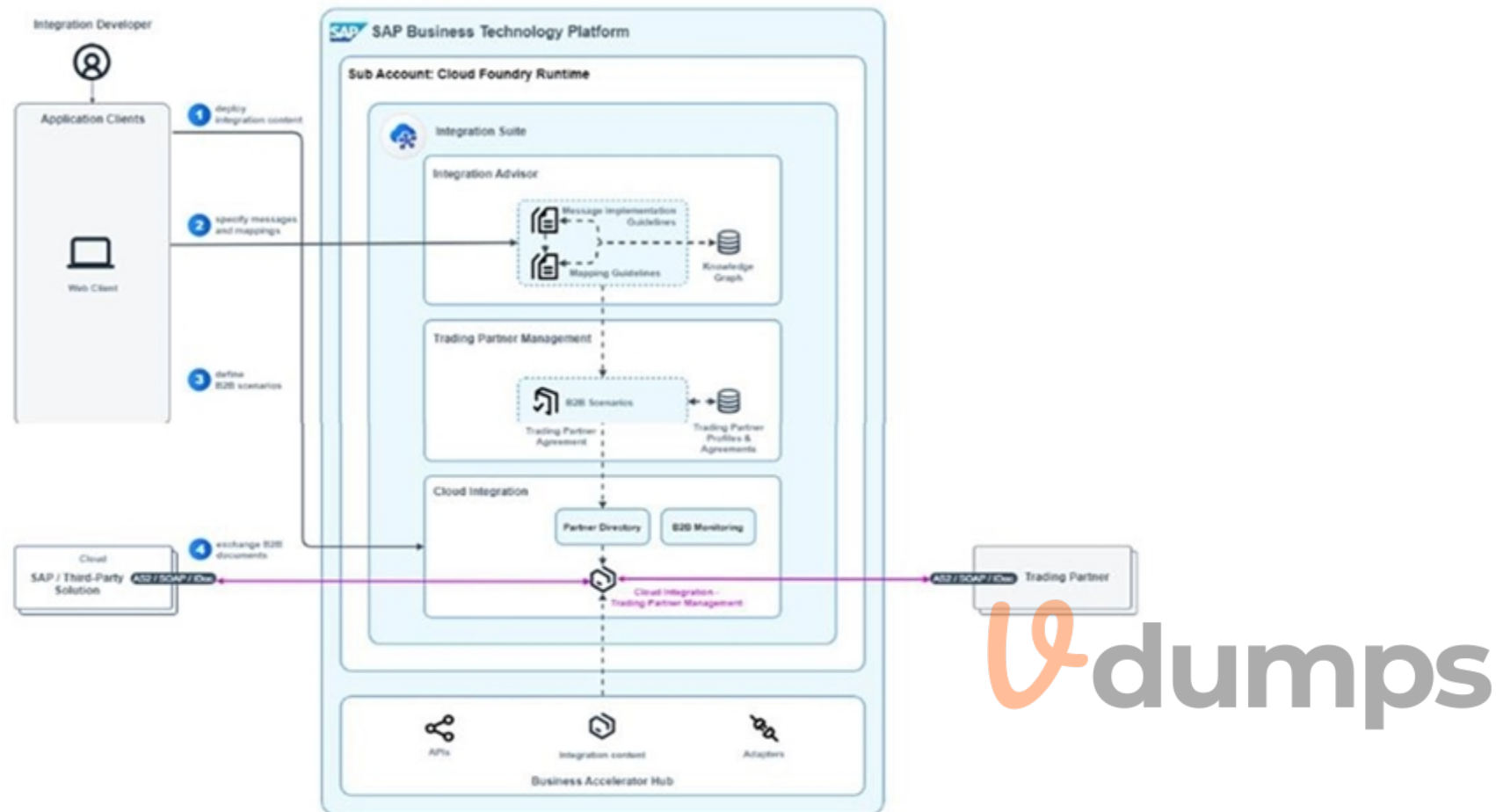D. SAP Lean IX | SAP S/4HANA Cloud private edition | SAP Process Orchestration

Correct Answer: C
Section:

QUESTION 8

A customer wants to verify the feasibility of the attached 'proof of concept' design. They would prefer a zero (or minimal) upfront investment but want to seamlessly transition to a different pricing model while preserving their SAP BTP investments if the design works.

As a solution architect, which pricing plan would you recommend to the customer?

A. Subscription

B. Pay-As-You-Go for SAP BTP

C. SAP BTPEA

D. SAP BTP trial

Correct Answer: B
Section:

QUESTION 9

Which part of the SAP AI architecture is responsible for providing the real-time, business-specific data to enable retrieval-augmented generation?

A. SAP HANA Cloud vector engine

B. SAP Joule

C. Generative AI hub

D. SAP AI Core

Correct Answer: A

Section:

QUESTION 10
Company XYZ, a global firm with 25K+ employees across the geographic locations Europe (headquarters), the USA (manufacturing), and South America (procurement), is migrating to SAP S/4HANA using SAP BTP. Each geographic location has dedicated IT staff managing access, authorizations, and SAP BTP resource quotas. For cost control, the company aims to analyze and optimize the usage and cost of SAP BTP resources both globally and by geographic location, intending to enhance their SAP BTP Account model structure.
Which of the following SAP BTP account models are appropriate? Note: There are 2 correct answers to this question.

A. One global account for each business function with a corresponding subaccount for that region
B. One global account for each business function with a corresponding directory for that region
C. One global account with one directory for each region
D. One global account with one subaccount for each region

Correct Answer: C, D
Section:

QUESTION 11
According to the SAP Integration Solution Advisory Methodology, the integration architect is responsible for which of the following activities?

A. Implementation and extension of prepackaged integration scenarios
B. Definition, communication, and continuous improvement of an integration reference architecture based on an overall IT strategy
C. Definition of technical integration architectures with a focus on specific integration technologies / services
D. Evaluation of new integration technologies / services

Correct Answer: C
Section:

QUESTION 12
A customer is asking you to provide a pricing plan given the following parameters:
* Payment annual in advance
* Purchase of additional capacity such as memory or storage without penalty
* Use of additional SAP BTP services without penalty Which pricing plan would you recommend?

A. Subscription
B. Trial
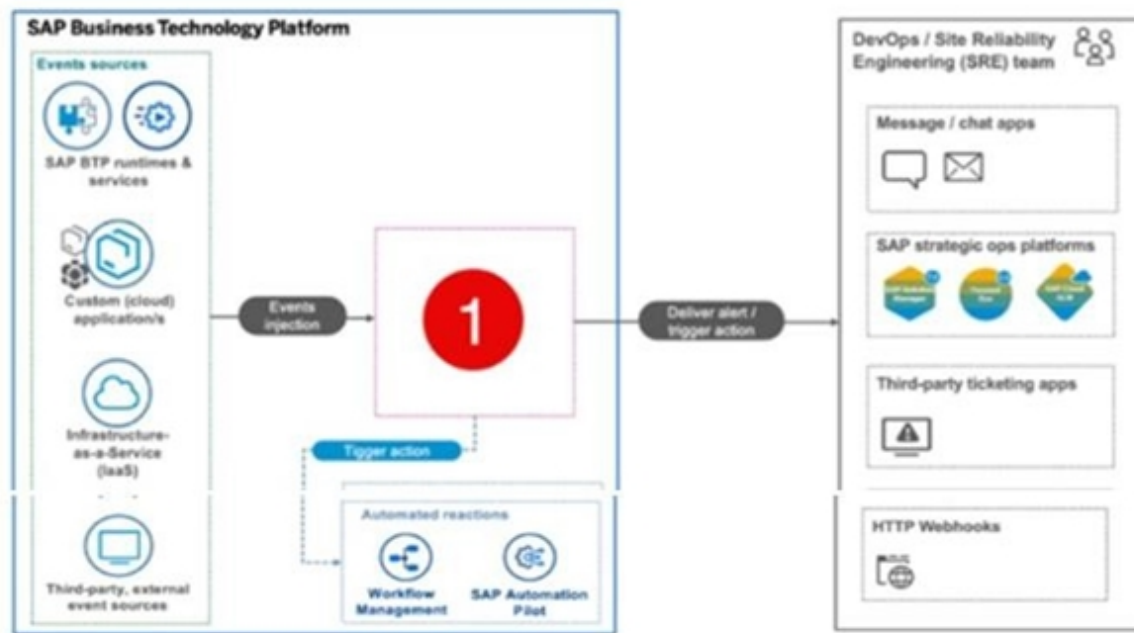C. SAP BTPEA
D. Pay-As-You-Go for SAP BTP

Correct Answer: C
Section:

QUESTION 13
The DevOps / Site Reliability Team has a question for you. Over the course of the last month, several trust certificates have expired for several SAP BTP destinations, which has in turn occupied a significant portion of their time reinstalling. They wish to be informed before the certificate expires and to have a workflow triggered automatically.
As a solution architect, which SAP BTP service would you recommend (see attached diagram >)?

A. SAP Solution Manager
B. SAP Solution Lifecycle Management service for SAP BTP
C. SAP Monitoring service for SAP BTP
D. SAP Alert Notification service for SAP BTP

Correct Answer: D
Section:

QUESTION 14
To comply with General Data Protection Regulation (GDPR), a company wants to build an application that allows their customers to delete their personal user information from the company's systems.
Which SAP BTP service provides the APIs to build the application?

A. SAP Data Privacy Integration
B. SAP Credential Store
C. SAP Data Retention Manager
D. SAP Personal Data Manager

Correct Answer: A
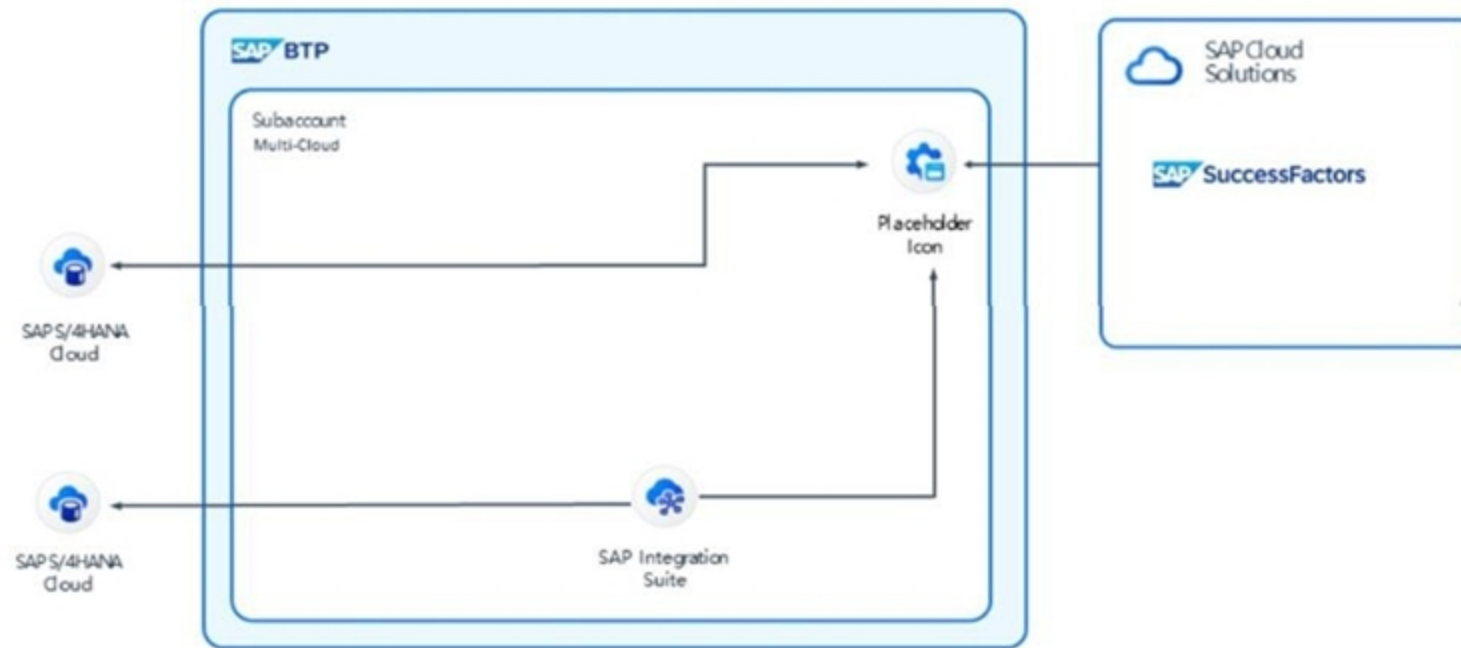**Section:**

QUESTION 15
You are a solution architect and your client needs help in choosing the appropriate SAP solution to use for their application design. #
* SAP SuccessFactors will trigger an 'event' when employees complete a variety of tasks such as changing their address or updating their W-4 information.
* The event will be caught by one of SAP's event solutions and it will trigger (via webhook) either SAP Integration Suite or SAP S/4HANA Cloud as needed.
* The number of events processed is not expected to be high.
* A cloud solution is preferred.
Which of the following could be used in place of the 'Placeholder Icon' in the attached diagram? Note: There are 2 correct answers to this question.

A. SAP Integration Suite, advanced event mesh

B. SAP Event Broker

C. SAP Event Mesh

D. SAP Process Orchestration

Correct Answer: B, C
Section:

QUESTION 16
You are a solution architect helping to design a custom-built application for business users. You must follow these use case parameters:
* The application requires data solely from SAP S/4HANA Cloud public edition.
* The application supports create, read, update, and delete (CRUD) operations.
* If multiple backend protocols are applicable the one with the fastest performance is to be used.
Which of the following combinations would you recommend for the application design?

A. * Frontend: SAP Fiori * Backend: OData service binding on SAP S/4HANA Cloud

B. * Frontend: SAP Fiori * Backend: RFC binding on SAP S/4HANA Cloud

C. * Frontend: SAP Build Apps * Backend: IDoc binding on SAP S/4HANA Cloud

D. * Frontend: SAP Build Apps * Backend: SOAP binding on SAP S/4HANA Cloud

Correct Answer: A
Section:

QUESTION 17
A manufacturer wants to discuss the design of a solution that tracks and manages stock availability and movement of goods within a warehouse. They want to ensure that movements are aggregated for reporting purposes and that these reports can be used to optimize stock movements. They also want to use the newest solutions to build these reports.
Which of the following solutions can be used together to fulfill the requirements? Note: There are 3 correct answers to this question.

A. SAP Data Intelligence

B. SAP HANA Service (SAP Regions) for SAP BTP

C. SAP Analytics Cloud

D. SAP Datasphere

E. SAP HANA Cloud

Correct Answer: C, D, E
Section:

QUESTION 18
As a solution architect, you are in a meeting about the design of a new application to manage the delivery process of goods or services. The extension will be maintained by the line of business (as opposed to IT).
The following application parameters/features are discussed:
* Tracking deliveries in real-time
* Optimizing delivery routes
* Providing delivery notifications to customers.
* Scaling according to usage
* Maintenance downtime must be short.
Which extension type is best suited for this application?

A. Side-by-side

B. Classic

C. Key user

Correct Answer: A
Section:

QUESTION 19
A customer wants to design and build a mission critical application:
* The app will undergo frequent adjustments because business and legal changes will occur often.
* The application must be always ready for deployment to production.
* The deployment to production will be done manually by the IT department.
* Changes to the application code must be merged smoothly and easily so that the code remains stable.
As a solution architect, which SAP BTP solution best meets the customer requirements?

A. SAP Cloud ALM

B. SAP Continuous Integration and Delivery

C. SAP Cloud Management Service for SAP BTP

Correct Answer: B
Section:

QUESTION 20
A customer's sales department is having problems with governmental authorities dealing with transparency around logging events related to security and other compliance topics.
As an SAP Solution Architect, which SAP BTP service would you recommend for being compliant with regulations?

A. SAP Audit Log service

B. SAP Cloud Management service for SAP BTP

C. SAP Application Logging service for SAP BTP

D. SAP Cloud Logging service

Correct Answer: A
Section:

QUESTION 21
You have been hired as a solution architect and it's your first day on the job. You participate in a meeting discussing the design and development of an extension to SAP S/4HANA Cloud. In the meeting, you are told:
'We have determined that the BusinessPartner (A2X) API in SAP S/4HANA Cloud is insufficient for our needs. Fortunately, the API is extendable via key user extensibility. We are currently creating a diagram with the technical building blocks of the extension'.
In which SAP Application Extension Methodology phase is the project?

A. Assess Extension Technology

B. Define Extension Target Solution

C. Assess Extension Use Case

Correct Answer: B
Section:

QUESTION 22
A client's IT department has half a dozen subaccounts. They are having problems with the administration of the subaccounts as well as the corresponding global account.
Which SAP BTP service would you recommend to the customer, to design and develop a custom application to perform their administrative tasks?

A. SAP Monitoring service for SAP BTP

B. SAP Cloud Management service for SAP BTP
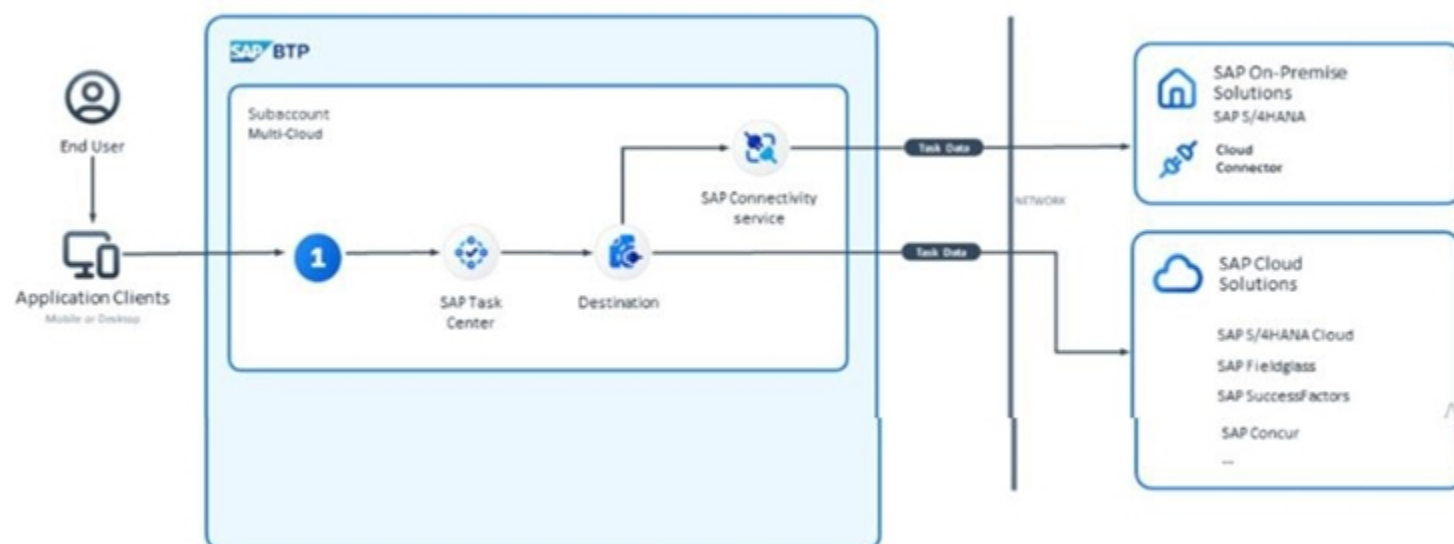
C. SAP Custom Domain service

D. SAP Audit Log service

Correct Answer: B
Section:

QUESTION 23
A new application is to be developed to help manage production orders. About 8000 users will be using the app, about 1000 of them concurrently. The app must run on mobile devices and plant managers themselves will be maintaining the app.
Which solutions should be used for the placeholder '1' in the attached diagram? Note: There are 2 correct answers to this question.
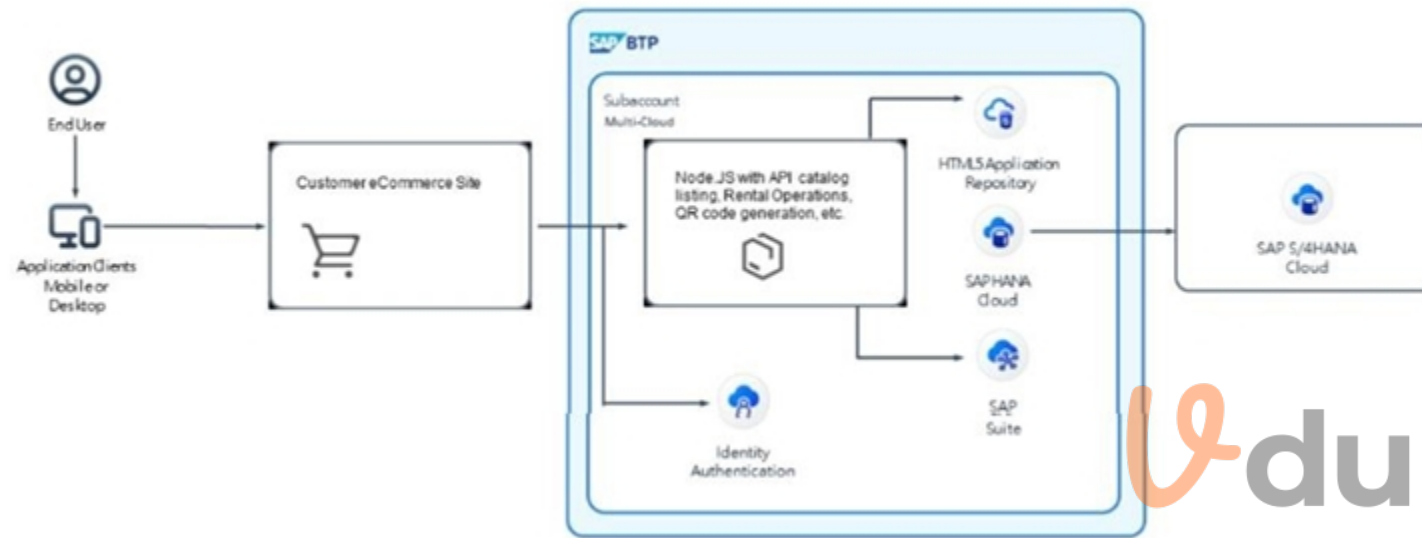
A. SAP Build Code

B. SAP Build Work Zone

C. SAP Build Apps

D. SAP Build Process Automation

Correct Answer: C, D
Section:

QUESTION 24
According to the attached diagram, which SAP Integration Suite capability can a customer use to monetize their APIs? Note: There are 2 correct answers to this question.

A. SAP API Business Hub Enterprise

B. SAP Business Accelerator Hub

C. SAP Market Rates Management, Bring Your Own Rates data option

D. SAP API Management

Correct Answer: A, D
Section:

QUESTION 25
A company is struggling with organizing and managing the immense amount of data generated by the business. They have been told about several possible solutions that SAP BTP offers; however, they are confused about which solutions they should use. A large amount of their historical and current data is in comma-separated values (CSV) and JavaScript Object Notation (JSON) documents. These documents need to be stored for reporting purposes. The client prefers to use the latest SAP solutions.
Which SAP BTP solution would you recommend?

A. SAP Datasphere

B. SAP HANA Cloud, data lake

C. SAP HANA Cloud

D. SAP Data Warehouse Cloud

Correct Answer: B
Section:

QUESTION 26
Which part of the SAP Al architecture is responsible for handling text input from end users?

A. SAP AI Core
B. SAP AI Launchpad
C. Generative Al Hub
D. SAP Joule

Correct Answer: D
Section:

QUESTION 27
A company is struggling with organizing and managing their data. Their data is distributed across many databases and datastores. The data structures are also very inconsistent. They need harmonized aggregated data to be used as the basis of advanced highly summarized reports for senior executives. They prefer to use the latest SAP solutions.
Which of the following solutions would you recommend?

A. SAP Datasphere
B. SAP HANA Cloud
C. SAP Analytics Cloud
D. SAP HANA Cloud, data lake

Correct Answer: A
Section:

QUESTION 28
The finance department is creating a series of reports for their line of business (LOB) users and would like to integrate the reports in a front-end portal. They would like the LOB users to maintain the portal, as opposed to IT.
As a solution architect, they come to you to recommend which SAP BTP service best fits their needs.
Which service would you recommend?

A. SAP Launchpad Service
B. SAP Build Work Zone, advanced edition
C. SAP Build Work Zone, standard edition
D. SAP Fiori Launchpad
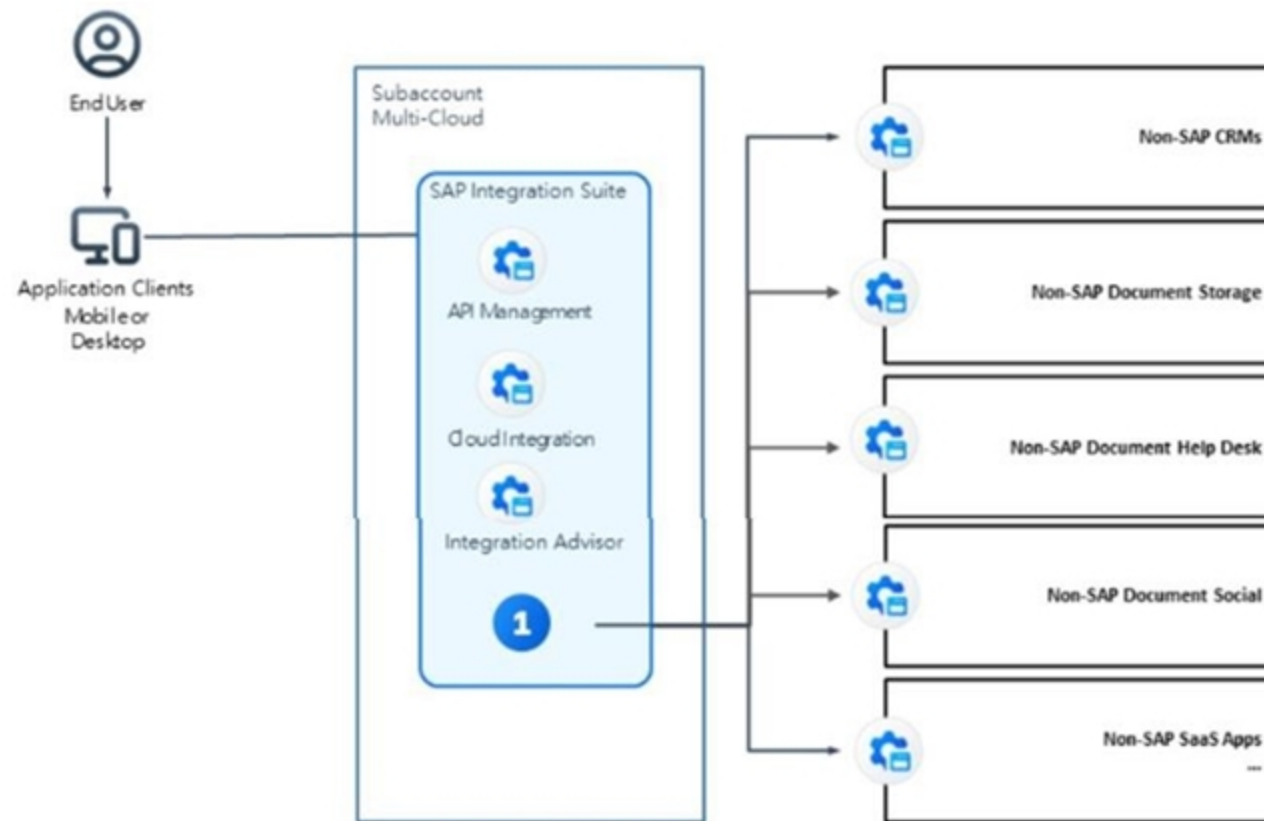
Correct Answer: B
Section:

QUESTION 29
The following design (see attached diagram) uses third-party REST APIs that are publicly available through the internet.
Which capability of the SAP Integration Suite can be used in place of '1' in the diagram?

A. SAP Open Connectors
B. SAP Cloud Connector
C. SAP Business Connector
D. SAP Connectivity Service

Correct Answer: A
Section: