

Architecture-Specialist-11 Dumps

Architecture Specialist (OutSystems 11) Exam

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NEW QUESTION 1

Architecture Canvas has 3 layers. Which is not part of the 3 layer framework?

- A. Foundation
- B. Orchestrator
- C. End-User Layer
- D. Core

Answer: B

NEW QUESTION 2

Which of the below matches the most to Core Module Pattern - ECS with Publish/Subscribe through ESB...

- A. ... Entity is exposed as read-only and API is available to centralize business logic for entity creation/update
- B. Same as Base ECS pattern, but have a local replic
- C. Store data to serve as a local cach
- D. Pro: Leverage Entity Use, Simpler Integration AP
- E. Con: Less impact on source system
- F. Same as ECS with direct integration, but through an Enterprise Service Bus
- G. ... is a pattern with two modules, a connector module that can be used to encapsulate an O external API with the input/output structures and a wrapper module to expose the normalized API to the consumers.
- H. ... tries to fetch data from local cache entity, if not there, get single entry from the external p syste
- I. Cache only that record (read-through caching) Use when whole database too big or costly to synchroniz
- J. Integration only touches a small portion of the databas
- K. Avoid if access to lists of data is needed up front
- L. Same as ECS with local replica but API module is provide
- M. So any changes to the external system can notify OS, which OS then gets update from the ERP system (subscription system)
- N. Same as ECS with local replica but synchronization logic is separate
- O. Pro: Code independenc
- P. Consumers of CS is not affected by Syn
- Q. Sync can orchestrate several CS
- R. ... a wrapper used to contain the logic, actions and data that will expose code that is inside of O external library or to inspect external database and import the data structures so they can be used as entities inside of OS
- S. ... Entity is not in Outsystems but in an external ERP syste
- T. IS just makes remote call to
 - . external system/databas
 - . No data is being kept inside O
 - . Data retrieval may not be optimized as it needs to traverse two different systems to get the information bac
 - . Con: Integration API must support all use cases
 - is needed if data is coming from MULTIPLE external system
 - . IS will decide which driver to use depending on the data.

Answer: C

NEW QUESTION 3

Which of the below matches the most to Core Module Pattern - Base ECS Pattern...

- A. ... a wrapper used to contain the logic, actions and data that will expose code that is inside of external library or to inspect external database and import the data structures so they can be used as entities inside of OS
- B. ... caches only summary data that is frequently lister, joined or searche
- C. Full detail for a single entry is fetched directly from external syste
- D. Use when whole database too big or costly to synchroniz
- E. Details are only required for single entities (not lists)
- F. Same as ECS with local replica but synchronization logic is separate
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 - . Integration only touches a small portion of the databas
 - . Avoid if access to lists of data is needed up front
 - Entity is exposed as read-only and API is available to centralize business logic for entity creation/update

Answer: D

NEW QUESTION 4

In which Architecture Canvas layer do you expect to have a higher reusability rate?

- A. End-User layer
- B. Core layer
- C. Foundation layer

Answer: C

NEW QUESTION 5

Which of the following Data elements can we find in a Foundation layer Module?

- A. CRUD actions for Entities
- B. Core Entities (exposed as read-only)
- C. Non-core Entities
- D. Entities to save UI states

Answer: C

NEW QUESTION 6

Which of the below are FALSE about UI framework?

- A. Patterns - are blocks that provide common and reusable U
- B. Chat message, date picker and carousel are a few example
- C. Contains reusable UI components.
- D. All of the above are true
- E. Theme - for the look and feel of your applications, which includes screen layouts, global stylesheet and grid definition
- F. Contains CSS styles and classes.
- G. Templates - Defines the structure of the application module
- H. Templates contains screen p definitions and basic set of functionalities, including authenticatio
- I. Contains common layouts, menu, login and reference to the theme .

Answer: B

NEW QUESTION 7

Which is not a reason you should use Architecture Canvas?

- A. Promotes segregation and loose coupling of services
- B. Optimizes lifecycle independence
- C. Promotes abstraction of reusable services
- D. Minimizes impact of changes

Answer: A

NEW QUESTION 8

Which of the below best matches this statement : "Needed if data is coming from MULTIPLE external systems. IS will decide which driver to use depending on the data."

- A. Transparency Service Pattern 1 way (simplification)
- B. Library : Extension Pattern
- C. ECS with isolated synchronization logic
- D. ECS Lazy Load variation
- E. ECS with publish/subscribe through an ESB
- F. ECS Summary cache only variation
- G. Library : Connector Pattern
- H. ECS with direct integration
- I. Base ECS pattern
- J. Transparency Service Pattern

Answer: J

NEW QUESTION 9

Which are NOT part of the major concepts that needs to be investigated in the Disclose phase in Architecture Design Process?

- A. User Experience Expectations
- B. Integration Technology
- C. User Stories, Personas and Roles
- D. Architecture Canvas Modules
- E. Information Architecture

Answer: D

NEW QUESTION 10

_Lib module is for

- A. have several integration services with different systems, performing the same type of O operation (e.

- B. printers) you can create several drivers exposing the same API, with specialized implementations (like the transparency services pattern).
- C. Technical wrapper to consume and normalize an external service
- D. Reusable Core Services with public entities, actions, and blocks.
- E. Theme, look & feel elements, menu, etc.
- F. Generic Library module
- G. Reusable UI Patterns for layout and display only - no Business logic.

Answer: E

NEW QUESTION 10

In which of the following scenarios should you choose to clone a built-in Style Guide?

- A. When minor customizations to the base theme should be done inside the app theme.
- B. It is not possible to customize a built-in Style Guide, since it is part of OutSystems UI.
- C. When you want to introduce extensive changes to an existing theme.
- D. When it is not possible to benefit from any existing theme and extensive changes are needed.

Answer: C

NEW QUESTION 11

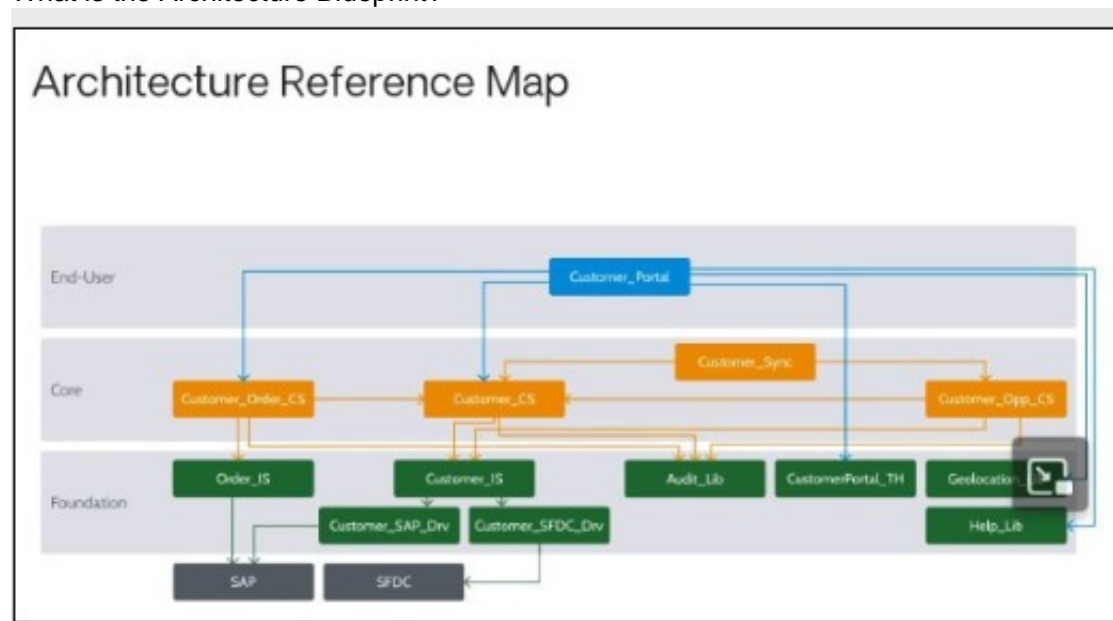
In OutSystems, an application with Foundation, Core, and End-User Modules is a

- A. End-User Application.
- B. Foundation Application.
- C. Core Application.

Answer: A

NEW QUESTION 14

What is the Architecture Blueprint?



- A. Is the end result of Architecture Design Process
- B. At this point you should add dependencies between the Modules.
- C. Above is the answer

Answer: A

NEW QUESTION 17

There are 3 common scenarios for Sharing a Style Guide. Which of the below is not part of the scenario.

- A. Intranet (Single Sign On): Own Menu, Common Login Flow
- B. Menu is defined in the Custom Template, but Login is defined in the Custom Theme
- C. Application reference the Custom Theme which picks up the Login.
- D. Enterprise Apps: Common Menu, Common Login Flow
- E. Menu is defined in the Custom Theme, but Login is defined in the Custom Template.
- F. Independent Apps : Own Menu, Own Login Flow
- G. Login and Menu is defined in the Custom Template
- H. Applications reference to its own Application Theme thus do not use the Login and Menu in the Custom Template.
- I. Portal : Common Menu, Common Login Flow
- J. Login and Menu is defined in the Custom Theme Application Theme reference the Custom Theme thus have a shared menu and login flow.

Answer: B

NEW QUESTION 22

Which of the below matches the most to Core Module Pattern - ECS Summary Cache only variation

- A. Same as Base ECS pattern, but have a local replic
- B. Store data to serve as a local cache

C. Pro: Leverage Entity Use, Simpler Integration AP
D. Con: Less impact on source system
E. ... caches only summary data that is frequently lister, joined or searche
F. Full detail for a (•) single entry is fetched directly from external syste
G. Use when whole database too big or costly to synchroniz
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Answer: B

NEW QUESTION 24

_Th module is for

- A. to have several integration services with different systems, performing the same type of operation (e.
- B. printers) you can create several drivers exposing the same API, with specialized implementations (like the transparency services pattern).
- C. technical wrapper to consume and normalize an external service.
- D. Theme, look & feel elements, menu, etc.
- E. Generic Library module.
- F. Reusable UI Patterns for layout and display only - no Business logic.

Answer: C

NEW QUESTION 26

Which of the below is NOT a Synchronization Best Practice for mobile application?

- A. Sync only when require
- B. p At session start: sync summary data to local storage At process start: sync process detail to local storage At process/transaction end, sync back to server
- C. Only synchronize delta : Use control timestamps C Avoid long synchronization in a single transaction
- D. Sync only when strictly requiredE Don't sync on every screen or online event
- E. Only synchronize relevant data
- F. Do not use Entity Bulk Operation to ensure small lightweight updates
- G. Ensure sync granularity: Prepare for constant retries without repeating work due to network los
- H. Sync in chunks, incremental by entity

Answer: D

NEW QUESTION 30

"Spaghetti Architecture" is also known as 'tightly coupled architecture' or 'brittle architecture'. Which is NOT a reason why is "Spaghetti Architecture" bad?

- A. One small change in a component cause a series of cascading effects on other components
- B. Hinder future changes as they become less flexible and difficult to manage
- C. Any changes is maintainable and easy to deploy

Answer: C

NEW QUESTION 33

Themes and Layouts are an important element of an application. In which of the following would you define these elements?

- A. MyApp_CS Module, in the Foundation layer
- B. MyApp_BL, in the Foundation Layer.
- C. MyApp_Th Module, in the End-User layer
- D. MyApp_MTh, in the Foundation layer.

Answer: C

NEW QUESTION 37

Which of the below matches the most to Core Module Pattern - ECS with Isolated Synchronization Logic Pattern...

- A. Same as ECS with local replica but synchronization logic is separate
- B. Pro: Code ^ independenc
- C. Consumers of CS is not affected by Syn
- D. Sync can orchestrate several CS
- E. ... Entity is exposed as read-only and API is available to centralize business logic for entity creation/update
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- is needed if data is coming from MULTIPLE external system
- . IS will decide which driver to use depending on the data.

Answer: A

NEW QUESTION 39

_Eng module is for

- A. Isolated Business Logic (Actions) or Core Widgets (blocks), to manage complexity, compositio or to have its own lifecycle.
- B. Logic to Synchronize data in CS's with an external syste
- C. Isolating this logic makes the CS completely system agnostic and it's easier to decouple or replace the external system.
- D. A BL becomes a Calculation Engine if it performs complex calculations, (e.
- E. an invoice calculation engine or an insurance simulator). Engines are usually subject to versions.
- F. Technical wrapper to expose an API to External consumers, keeping core services system agnostic and supporting multiple versions of the API.
- G. Reusable Core Services with public entities, actions, and blocks.

Answer: C

NEW QUESTION 40

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