

Architecture-Specialist-11 Dumps

Architecture Specialist (OutSystems 11) Exam

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NEW QUESTION 1

"Splitting UI elements per functionality" is a best practice to avoid monolithic mobile UI modules? Which of the below is not a best practice?

- A. Screens as layouts that have placeholders and load content from block
- B. The blocks come from CW modules.
- C. Include the Common flow and Menu artifacts
- D. Put CSS in blocks or screen
- E. Allows better performance and seamless screen transitions
- F. Blocks grouped in functional modules with independent life cycles
- G. CSS should only be placed in the mobile theme module

Answer: C

NEW QUESTION 2

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 3

What is NOT a best practice for Mobile Application Architecture: Limit server side calls?

- A. Limit Server side calls to online transactions or Synchronizatio
- B. Do the bulk of the operations on the Client Side before passing information to the Server Side.
- C. Synchronize on every screen or online event for better granularityNo direct calls to backend system
- D. Do call to Outsystems Core Services and Outsystems will handle the interaction with external backend systems.
- E. Direct calls is bad from Security, Performance and Maintainability standpoint
- F. Direct calls will require javascript Code and javascript Code is harder to maintain.

Answer: B

NEW QUESTION 4

_BL module is for

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

Answer: C

NEW QUESTION 5

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 6

Consider the following Module names and the suggested naming conventions for Modules. Which of these is a mobile Module?

- A. Customer_CW
- B. Mobile_API
- C. Service_CS
- D. Pricing_MBL

Answer: D

NEW QUESTION 7

Which of the below are not recommendations for Architecture Validations

- A. All public entities in Core Modules should be set to Read-only
- B. No business logic in the Foundational Modules
- C. No core entities in Foundational Modules
- D. No screens in the End User Layer

E. No front-end screens in Core Modules

Answer: D

NEW QUESTION 8

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 9

Which of the below is not part of the Architecture Validation

- A. No Downward References To Foundation Modules
- B. No Side References Between End-User Modules
- C. No Circular References
- D. No Upward References

Answer: A

NEW QUESTION 10

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 10

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

- A. Intranet (Single Sign On): Own Menu, Common Login Flo
- B. Menu is defined in the Custom Template, but Login is defined in the Custom Them
- C. Application reference the Custom Them which picks up the Login.
- D. Enterprise Apps: Common Menu, Common Login Flo
- E. Menu is defined in the Custom Theme, but Login is defined in the Custom Template.
- F. Independent Apps : Own Menu, Own Login Flo
- G. Login and Menu is defined in the Custom Templat
- 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 Flo
- J. Login and Menu is defined in the Custom Them Application Theme reference the Custom Theme thus have a shared menu and login flow.

Answer: B

NEW QUESTION 14

What is the common naming convention for a mobile version of a CS module?

- A. M_CS
- B. _CS
- C. mobile_CS
- D. m_cs
- E. m_CS

Answer: E

NEW QUESTION 15

In the Architecture Canvas, where should the API module sit in?

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

Answer: A

NEW QUESTION 17

_Th module is for

- A. to have several integration services with different systems, performing the same type of operation (e. 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 19

What is done in the Organize part of the Architecture Design Process?

- A. Concepts are disclosed to the Architecture team
- B. Concepts are assembled into Modules
- C. Concepts are added to the layers of the Architecture Canvas

Answer: C

NEW QUESTION 22

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
- F. ... 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
- G. Same as Base ECS pattern, but have a local replic
- H. Store data to serve as a local cach
- I. Pro: Leverage Entity Use, Simpler Integration AP
- J. Con: Less impact on source system
- K. ... caches only summary data that is frequently lister, joined or searche
- L. Full detail for a O single entry is fetched directly from external syste
- M. Use when whole database too big or costly to synchroniz
- N. Details are only required for single entities (not lists)
- O. ... Entity is not in Outsystems but in an external ERP syste
- P. IS just makes remote call to p external system/databas
- Q. No data is being kept inside O
- R. Data retrieval may not be optimized as it needs to traverse two different systems to get the information bac
- S. Con: Integration API must support all use cases
- T. ... tries to fetch data from local cache entity, if not there, get single entry from the external v syste
- . Cache only that record (read-through caching) Use when whole database too big or costly to synchroniz
- . Integration only touches a small portion of the databas
- . Avoid if access to lists of data is needed up front
- is a pattern with two modules, a connector module that can be used to encapsulate an) external API with the input/output structures and a wrapper module to expose the normalized API to the consumers.
- . Same as ECS with local replica but API module is provide
- . So any changes to the external system can notify OS, which OS then gets update from the ERP system (subscription system)
- 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 23

ISO/IEC 9126:1991 included several different dimensions. Which is NOT part of ISO/IEC 9126:1991?

- A. Usability : Usability from the point of view of the users
- B. Efficiency : Efficiency which relates to the performance to the amount of resources used
- C. Portability : Portability which defines the ability to move software between environments
- D. Security : Security which relates to the strength of the of the software against cybersecurity attacks
- E. Reliability : Reliability which ensures that a software solution can maintain it performance over a period of time
- F. Maintainability : Maintainability which relates to the effort needed to make modifications
- G. Functionality : Functionality as a set of functions that satisfy needs

Answer: D

NEW QUESTION 27

_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 29

Which of the below is NOT a weak dependency as of OS11?

- A. Screens
- B. Static Entities
- C. Server Actions
- D. Database Entities
- E. Service Actions
- F. Local Storage Entities
- G. Structures

Answer: C

NEW QUESTION 33

Regarding Validation Rules for application composition, which of the following sentences is correct?

- A. Common modules and services should be isolated in a separate app that can be referenced by other apps.
- B. Owners of the Application should not be mixed, but mixing Sponsors has no direct impact on the release.
- C. If you follow all the rules for validating modules, your application composition will be sound, and easy to maintain and deploy.
- D. Applications in the Foundation layer can reference Applications in the End-user layer.

Answer: A

NEW QUESTION 35

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