

Architecture-Specialist-11 Dumps

Architecture Specialist (OutSystems 11) Exam

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NEW QUESTION 1

ISO/IEC 25010:2011 adds two more aspect to ISO/IEC 9126:1991. Which of the below is not part of it?

- A. Compatibility : Compatibility was also added as a way to ensure that a piece of software can work together with other systems
- B. Security : Security ensure software solutions can protect information and data
- C. Integration : Integration to allow data exchange with other software

Answer: C

NEW QUESTION 2

There are generally 4 common style guide scenario. Which of the below is NOT a common style guide scenario?

- A. Specialize a Built-in: Use when introducing changes to an existing theme for multiple app
- B. First, create a custom theme that REFERENCE the Base Them
- C. Second, clone a CustomTemplate from the Base Template but this custom theme will reference the custom theme created previousl
- D. Third, create new applications based on the Custom Theme and Custom Template
- E. Built-in Style Guide: Uses Built-in style guide from Outsystems U
- F. Minor customizations to the Base Theme should be done inside the App Theme.C, Build Your Own: Use when custom style guide cannot benefit from any existing them
- G. Just like Clone a Built In scenario, clone both Custom Theme and Custom Template from the Base Theme and Base Template, however clone the Base Theme from Outsystems UI.
- H. Since the theme is very basic, front-end developer will have to expand and design the theme from there.Modify Built-in Style Guide: Use when only small changes are required for single applicatio
- I. First, create a custom theme that REFERENCE the Base Them
- J. Second, clone a Custom Template from the Base Template but this custom theme will reference the custom theme created previousl
- K. Third, reference that application to the custom Theme and Template.
- L. Clone a Built-in: Use when introducing extensive changes to existing them
- M. First, CLONE a custom theme from a Base Them
- N. Second, clone a Custom Template from the Base Template but this custom theme will reference the custom theme created previousl
- O. Third, create new applications based on the Custom Theme and Custom Template.Base Theme can be Outsystems UI or your own custom theme.

Answer: D

NEW QUESTION 3

Which of the below is NOT a disadvantage of having a fragmented system or microservices?

- A. All of the above
- B. Monitoring & Logging : for effective monitoring & logging, requires centralized service
- C. Inter-process communication : network latency and hiccups
- D. Complicated Debugging and troubleshooting : root cause may be deep inside the chain of services
- E. Security : need to manage credentials and access management
- F. Limited data mashup in memory and limited to APIs
- G. Multiple transactions committed independently
- H. Fault tolerance : communication errors, service consistency

Answer: A

NEW QUESTION 4

Considering Discovery, which of the following sentences is FALSE?

- A. Discovery automatically assigns a module to an Architecture Canvas layer, following the module's naming convention.
- B. Discovery only validates architecture rules at the module level.
- C. Discovery allows you to determine for every module, which elements are being consumed by other modules.
- D. Discovery cannot categorise modules to domains

Answer: B

NEW QUESTION 5

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 system
 - 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 6

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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- J. ... 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.
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 - . 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 7

Which of the below is not part of the Architecture Validation Rules?

- A. Layer Applications Correctly
- B. Don't Mix Sponsors : Split the Apps based on the Lines of Business
- C. Layer Entities Correctly
- D. Layer Modules Correctly
- E. Don't Mix Owners

Answer: C

NEW QUESTION 8

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 9

Which of the following Data elements can we find in a End-User layer Module?

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

Answer: B

NEW QUESTION 10

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 10

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 14

_API module is for

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

Answer: C

NEW QUESTION 15

Which of the following is NOT a benefit of having well-defined application architecture?

- A. Poor service abstraction
- B. Reduces costs
- C. Reduces risk
- D. Supports planning

Answer: A

NEW QUESTION 18

What is NOT a best practice for Mobile Application Architecture: Local Storage?

- A. Adopt the correct sync frequency: Either at process start and online or at process/transaction end and online
- B. Sync on every screen or online event
- C. Sync data required per use case: Sync summary data on Session star
- D. On dataselection, sync p its details.Example: if you are accessing Purchasing data, sync the summary data on Session star
- E. On selecting the Purchasing item, sync the details of the Purchasing item such as photos or price, a

Answer: B

NEW QUESTION 21

CS modules is for

- A. Isolated Business Logic (Actions) or Core Widgets (blocks), to manage complexity, composition 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. Technical wrapper to expose an API to External consumers, keeping core services system agnostic and supporting multiple versions of the API.
- E. A BL becomes a Calculation Engine if it performs complex calculations, (e.
- F. an invoice calculation engine or an insurance simulator). Engines are usually subject to versions.
- G. Reusable Core Services with public entities, actions, and blocks.

Answer: E

NEW QUESTION 24

Which of the following is a benefit of having good architecture?

- A. Poor service abstraction
- B. Unmanageable dependencies
- C. Manages complexity
- D. Slow-moving legacy systems

Answer: C

NEW QUESTION 25

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
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- . 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 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 30

Concepts are assembled into Modules in the Assembl are not principles in the Assemble step.

- A. Don't join concepts with different lifecycles
- B. Apply known design patterns
- C. N/A
- D. Join conceptually-related concepts
- E. Isolate reusable logic from Integration logic

Answer: C

NEW QUESTION 34

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