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QUESTION 1

Which of the following are capabilities required for the Integration subsystem of the Oracle Reference Architecture Management and Monitoring Framework?

A. Data Exchange

B. Extensibility Framework

C. Patch Monitoring

D. Alert and Notification Integration

E. Reporting

Correct Answer: ABD

Explanation:

Key integration capabilities:

*

Data Exchange

*

Extensibility Framework

*

Alert and Notification Integration

Note: While it is preferable to have a single management and monitoring solution it is unrealistic that a single management and monitoring framework can support every available infrastructure component now and in the future. Two-way integration capabilities that cater for message exchange, bulk data exchange and extending the framework are key in addressing the needs of the modern IT environment.

QUESTION 2

A customer has two separate lines of business and each has its own unique resources that are controlled independently. The customer wants to provide a single user interface at the enterprise level that, at least from the user\\'s perspective, unifies the separate lines of business and presents a single consistent view. What is the most suitable architectural arrangement for such a federated deployment?

A. The enterprise implements full client stack and part of the service stack while each LoB deploys the remaining part of the service tierin order to expose uniform interface elements.

B. The client tier assimilates the data from the resource stack of each line of business.

C. The enterprise implements full client and service stacks while each LoB deploys a partial service. sufficient to expose uniform interface elements.
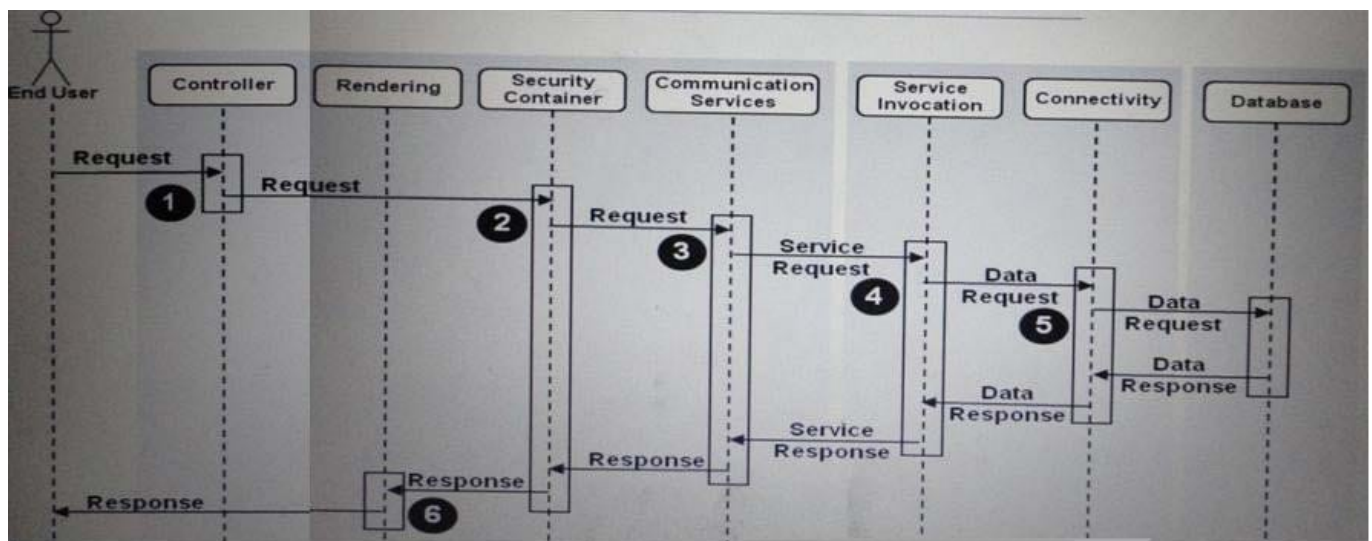
D. The client tier assimilates the data from the service stack of each line of business.

Correct Answer: A

Explanation: Each line of business has its own resources that are unique to the line of business and are controlled by that line of business. The enterprise wants to provide a single user interface that, at least from the user\'s perspective, unifies the separate lines of business. In this example, the enterprise wide user interface deployment is a full featured user interaction architecture (i.e. it contains all of the capabilities defined in the Logical View). Each line of business deploys limited functionality since the only functionality required is the functionality to create interface elements exposing the resources of that line of business. The enterprise wide user interface then uses the interface elements provided by the lines of business to create a unified user experience. The interface elements provided by the lines of business are Remote Providers to the enterprise user interface. This deployment allows the lines of business to maintain control of their respective resources since the only access to the resources is via the interface elements that they create.

References:

QUESTION 3

Computer Process Boundary

The sequence diagram (attached) maps to the Model-View Controller (MVC) development pattern. Which statement best describes how the sequence diagram maps to the MVC development pattern?

A. The three process blocks (or tiers) represented in the sequence diagram map from left to right to Controller, View, Model.

B. The three process blocks (or tiers) represented in the sequence diagram map from left to right to View, Controller, Model.

C. The Controller and View appear in the first process block (starting from the left of the diagram) while the Model spans the next two blocks (incorporating service Invocation and database).

D. The sequence diagram does not map to MVC.

Correct Answer: C

Explanation:

The controller receives input from the user and makes the corresponding calls on model elements. The

response to the user input is displayed via the view elements. A single user input may result in changes to

none, one, or many view elements.

The view renders data from the model into a suitable interface element. Multiple different views may exist

for a single model element. Each view element is designed to support a particular end user need; whereas

the model elements are shared by all users of the system.

The model manages the behavior and data for the system. The model responds to requests for information

about its state from the view, and responds to instructions from the controller to change state or execute

behavior. The model may also notify the view when information changes so that the view can update the

effected interface elements.

References:

QUESTION 4

What is meant by cache hit rate or ratio?

A. the percentage of times the cache was hit successfully over the total number of tries

B. the percentage of times the cache was refreshed from the back-end database

C. the number of servers the cache is replicated to

D. the ratio of cache objects in a server to the total number of cache objectsin the server cluster

Correct Answer: A

Explanation:

Cache hit rate or ratio: The percentage of times the cache was hit successfully over the total number of

tries is called the hit ratio.

References:

QUESTION 5

Interface elements are an important part of modular programming for UI. Which of the following statements is true with
regard to Interface elements?

A. Interface elements are always provided as proprietary packages of widgets from device vendors and third parties.

B. There is a wide variety of interface elements that can be developed once and used repeatedly in various user-interface designs.

C. Interface elements are highly standardized and, once developed for one device, they are sufficiently portable to be reused on other devices without modification.

D. Interface elements implement application-specific functionality and are therefore rarely reusable across multiple applications.

Correct Answer: BC

Explanation:

Interface element that a computer user interacts with, and is also known as a control or Widget. Examples:

Windows, Pointer, Text Box, Button, Hyperlink, Drop-down list, List box, Combo box, Check Box, Radio

button, Cycle button, Datagrid

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