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TESTS & QUIZZES

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Part 1 of 2 - PART 1 - MULTIPLE CHOICE

Question 1 of 58

0.12 Points

- Changes in underlying databases may affect GUI
- Data sources may not be able to change to meet requirements

Therefore, maintenance is difficult. This is a common problem in which integration model?

- A. Data Integration
- B. Presentation Integration
- C. Functional Integration
- D. Are all correct

[Reset Selection](#)

Question 2 of 58

0.12 Points

When is it Appropriate to use the Presentation Integration Model

- A. Presentation models are Executive dashboards or Operational status displays
- B. Information presentation is through application API's, Cannot access databases directly
- C. Integrate with an application whose only useful and implementable integration base interface or dashboards,Cannot access databases directly
- D. Databases are independent ? No coupling, Cannot access databases directly

[Reset Selection](#)

Question 3 of 58

0.12 Points

The integrated models include:

- A. Presentation Integration, Security Integration, Functional Integration
- B. Data Integration,Network Integration, Functional Integration
- C. Functional Integration, Enviroment Integration, Presentation Integration
- D. Presentation Integration, Data Integration, Functional Integration

[Reset Selection](#)

Question 4 of 58

0.12 Points

What is the Characteristics of Presentation Integration?

- A. Databases are independent and may have inconsistent information.
- B. Information can be updated in both data sources
- C. Databases may have inconsistent information
- D. Existing application interfaces are not used

[Reset Selection](#)

Question 5 of 58

0.12 Points

Before start thinking about integration, we must to:

- A. Research legacy system and make vision document
- B. Make sure that the purpose is clear and feasible
- C. Meeting customer
- D. Make requirement specification document

[Reset Selection](#)

Question 6 of 58

0.12 Points

Why are integration heuristics important?

- A. Because they were the rules and formulas for the integration system(1)
- B. Because system engineers have only worked on a few complex systems in their lifetime.(2)
- C. Because the integration system does not yet have the rules and formulas.(3)
- D. (2) & (3) are correct.

[Reset Selection](#)

Question 7 of 58

0.12 Points

What are the requirements of system integration?

- A. Depend legacy system of Organization
- B. Interconnectivity, Interoperability, Semantic Consistency & Convergent Integration
- C. Business Process
- D. Organization Objectives

[Reset Selection](#)

Question 8 of 58

0.12 Points

What need you do in requirements and specification phase when you want to integrate two systems?

- A. Collect requirements
- B. Legacy system analysis
- C. Identify user involve
- D. None is correct

[Reset Selection](#)

Question 9 of 58

0.12 Points

What are Challenges in system integration?

- A. Technical & Management challenges
- B. Programming Language
- C. Tools Support
- D. Methods

[Reset Selection](#)

Question 10 of 58

0.12 Points

Why do the legacy systems need to remain in place until new systems are completely integrated?

- A. For system integrated be tested in planned.
- B. To minimize changing.
- C. To reduce cost.
- D. To operating easier

[Reset Selection](#)

Question 11 of 58

0.12 Points

Integrated Security include:

- A. Password, Authorization, Nonrepudiation
- B. Active Directory, LDAP and Access Control
- C. Firewalls, Authentication, Authorization, Integrity, Confidentiality, Nonrepudiation
- D. Virus software, Protect System

[Reset Selection](#)

Question 12 of 58

0.12 Points

When is it Appropriate to use the Presentation Integration Model

- A. Presentation models are Executive dashboards or Operational status displays
- B. Information presentation is through application API's, Cannot access databases directly
- C. Integrate with an application whose only useful and implementable integration base interface or dashboards,Cannot access databases directly
- D. Databases are independent ? No coupling, Cannot access databases directly

[Reset Selection](#)

Question 13 of 58

0.12 Points

The integrated models include:

- A. Presentation Integration, Security Integration, Functional Integration
- B. Data Integration, Network Integration, Functional Integration
- C. Functional Integration, Environment Integration, Presentation Integration
- D. Presentation Integration, Data Integration, Functional Integration

[Reset Selection](#)

Question 14 of 58

0.12 Points

Changes in underlying databases may affect GUI, Data may be inconsistent, APIs may

- A. Data Integration
- B. Presentation Integration
- C. Functional Integration
- D. All are correct

[Reset Selection](#)

Question 15 of 58

0.12 Points

What's the Software Development Life Cycle ? SDLC?

- A. Is a process to improve software products
- B. Is active in a specific project plan
- C. Is the time from when the software starts to form until it is no longer used anymore
- D. All are correct

[Reset Selection](#)

Question 16 of 58

0.12 Points

Before start thinking about integration, we must to:

- A. Research legacy system and make vision document
- B. Make sure that the purpose is clear and feasible
- C. Meeting customer
- D. Make requirement specification document

[Reset Selection](#)

Question 17 of 58

0.12 Points

The integration style should be selected based on:

- A. User requirements and constraints.
- B. Advantages and disadvantages of team
- C. Maintenance
- D. All are correct

[Reset Selection](#)

Question 18 of 58

0.12 Points

When is the Functional Model Appropriate?

- A. Multi-step processes must be coordinated
- B. Data consistency is important.
- C. Plug-and-play components
- D. All are correct

[Reset Selection](#)

Question 19 of 58

0.12 Points

How do you select a system development life cycle for a system integration project ?

- A. Suitability for small development team, Customizability/Flexibility of approach, Market adoption

- B. Compatibility with distributed teams, Ability to handle rapidly changing (unstable) set of requirements, Emphasis on quality measurement
- C. Size of product, Implementation cost, Built-in support for prototyping
- D. All are correct

[Reset Selection](#)

Question 20 of 58

0.12 Points

- What does System Integration mean?
- A. It means many separate systems need to become one
 - B. More than one application, module or component that can't use anymore, so they have to replace by another new one
 - C. More than one application, module or component that can share data and present user with consistent information
 - D. More than one application, module or component that can connect to the same databases

[Reset Selection](#)

Question 21 of 58

0.12 Points

- What is a naming service?
- A. A server to store the name of system entities.
 - B. Software that converts a name into a physical address.
 - C. A Domain name service.
 - D. A set of names.

[Reset Selection](#)

Question 22 of 58

0.12 Points

- Integrated Security include:
- A. Password, Authorization, Nonrepudiation
 - B. Active Directory, LDAP and Access Control
 - C. Firewalls, Authentication, Authorization, Integrity, Confidentiality, Nonrepudiation
 - D. Virus software, Protect System

[Reset Selection](#)

Question 23 of 58

0.12 Points

- What is the problem when integrated system has naming services?
- A. Entities don't have name.
 - B. Entities can't be found
 - C. Resolving duplicate names
 - D. ser doesn't know how to find other system entities.

[Reset Selection](#)

Question 24 of 58

0.12 Points

- How can the system integrated operate reliable?
- A. Redundancy(1)
 - B. Backup and recovery designed into the system.(2)
 - C. Hire more employees.
 - D. (1) and (2) are correct.

[Reset Selection](#)

Question 25 of 58

0.12 Points

- Technology used to integration system include:
- A. Java, Message Oriented Middleware, Web (1)
 - B. Middleware technologies, web technologies, XML (2)
 - C. Distributed Objects CORBA, COM+, Enterprise Java Beans (3)
 - D. (2) and (3) are correct

[Reset Selection](#)

When is it Appropriate to use the Presentation Integration Model?

- A. Presentation models are Executive dashboards or Operational status displays
- B. Information presentation is through application API's, Cannot access databases directly
- C. Integrate with an application whose only useful and implementable integration base interface or dashboards, Cannot access databases directly
- D. Databases are independent - No coupling, Cannot access databases directly

[Reset Selection](#)

What is JDBC stand for?

- A. Java Document Connectivity
- B. Java Database Connectivity
- C. Java Driver-based Connectivity
- D. Java Directory Connectivity

[Reset Selection](#)

What are the requirements of system integration?

- A. Depend legacy system of Organization
- B. Interconnectivity, Interoperability, Semantic Consistency & Convergent Integration
- C. Business Process
- D. Organization Objectives

[Reset Selection](#)

Is process the most important choice system integration projects? Why?

- A. Yes. Easy to control and monitor the result of project.
- B. No. The engineers who give the solutions for the problems is the most important.
- C. Yes. Following the process will get the right solutions.
- D. No. Both the engineers, who give the solutions for the problems, and process are needed.

[Reset Selection](#)

Why systems can integrate support information management?

- A. Because data consistency and accessibility
- B. Because data and process consistency.
- C. Because we can analyses historical data.
- D. All are correct.

[Reset Selection](#)

What are advantages of symmetric key cryptography?

- A. Key are relative long.
- B. Key must be replaced often
- C. The encryption and decryption algorithms can be fast in both hardware and software.
- D. Key distribution is easy

[Reset Selection](#)

Before start thinking about integration, we must to:

- A. Research legacy system and make vision document
- B. Make sure that the purpose is clear and feasible
- C. Meeting customer

- D. Make requirement specification document

[Reset Selection](#)

Question 33 of 58

0.12 Points

What can we do to have a security service?
 A. Load balancing and data. (1)

B. Authenticated, access control and logging activities. (2)

C. None is correct.

D. (1) & (2) are correct.

[Reset Selection](#)

Question 34 of 58

0.12 Points

What can we do to have a security service?
 A. Load balancing and data redundancy.

B. Authenticated, access control and logging activities

C. None is correct.

D. Both a and b are correct.

[Reset Selection](#)

Question 35 of 58

0.12 Points

Please provide the name of the main styles integration systems

A. File Transfer, Shared Database, Remote Procedure Invocation, Integration Guidelines

B. File Transfer, Shared Database, Remote Procedure Invocation, Messaging

C. File integration, Shared Database, Remote Procedure Invocation, Messaging

D. Integration Guidelines, File integration, Shared Database, Remote Procedure Invocation

[Reset Selection](#)

Question 36 of 58

0.12 Points

What are some kind of access control?

A. Mandatory access control, Discretionary access control, role-based access control.

B. Mandatory access control, Role-based access control.

C. Multilevel access control.

D. None is correct.

[Reset Selection](#)

Question 37 of 58

0.12 Points

Integration of security service is...?

A. Easy.

B. An option decision.

C. Difficult and more risk than security of each component.

D. More risk than the risk of each component.

[Reset Selection](#)

Question 38 of 58

0.12 Points

Why are the integration guidelines important when designing an integrated system?

A. Because the system integrator does not have complete control over the integrated system, so minimizing dependencies and changes in each application.

B. Because they are heuristics.

C. Because they help maximizing coupling.

D. Because they are the way to integrate two applications.

[Reset Selection](#)

Question 39 of 58

0.12 Points

The CIO tells you she is looking for a middleware suite. Which type of middleware would you recommend?

THE CIO tells you she is looking for a middleware suite. Which type of middleware would you recommend?

- A. Data integration
- B. Enterprise application integration
- C. Message-oriented middleware
- D. Transaction processor

[Reset Selection](#)

Question 40 of 58

0.12 Points

Why is testing in system integration more complex than in system development?

- A. Because design tests that are within system integrator's control
- B. Data adhere to specifications
- C. Have to test all scenarios.
- D. All are correct.

[Reset Selection](#)

Question 41 of 58

0.12 Points

Which are common mistakes in data integration?

- A. Creating a big new database.
- B. Integrate data at all sites.
- C. Analyzing legacy database to finish developing a new database
- D. Testing without a sufficient set of real data.

[Reset Selection](#)

Question 42 of 58

0.12 Points

What are disadvantages of symmetric key cryptography?

- A. Key are relatively short (1).
- B. Key distribution is a problem (2).
- C. Key must be replaced often(3)
- D. (2) and (3) are correct.

[Reset Selection](#)

Question 43 of 58

0.12 Points

System should be defended in

- A. Depth better than breadth
- B. Breadth better than depth
- C. Depth
- D. Depth and breadth.

[Reset Selection](#)

Question 44 of 58

0.12 Points

What is some of important security terms?

- A. Authentication, authorization, Audit.
- B. Authentication, access control, logging activity.
- C. Load balance, data redundancy.
- D. None is correct.

[Reset Selection](#)

Question 45 of 58

0.12 Points

Which order is preferred (ưu tiên) to ensure the system defended in depth?

- A. Protect - Detect- Recover
- B. Detect - Protect -Recover
- C. Detect - Recover -Protect
- D. Protect - Recover - Detect

[Reset Selection](#)

Question 46 of 58

0.12 Points

What events are being logged?

- A. Read or write data (1)
- B. Authentication events (1)
- C. (1) and (2) are correct
- D. None is correct

[Reset Selection](#)

Question 47 of 58

0.12 Points

Choose the best answer for this question "What does system integration mean?"

- A. It means many separate systems need to become one.
- B. More than one application, module or component that can't use anymore, so they have to replace by another new one.
- C. More than one application, module or component that can share data and present user with consistent information.
- D. More than one application, module or component that can connect to the same databases.

[Reset Selection](#)

Question 48 of 58

0.12 Points

The integrated models include:

- A. Presentation Integration, Security Integration, Functional Integration
- B. Data Integration, Network Integration, Functional Integration
- C. Functional Integration, Environment Integration, Presentation Integration
- D. Presentation Integration, Data Integration, Functional Integration

[Reset Selection](#)

Question 49 of 58

0.12 Points

What is not an important security terms?

- A. Authorization
- B. Security protocol
- C. Non repudiation
- D. Replication

[Reset Selection](#)

Question 50 of 58

0.12 Points

Integration of security service is...?

- A. Easy.
- B. An option decision.
- C. Difficult and more risk than security of each component.
- D. More risk than the risk of each component.

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