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NEW QUESTION: 1
What should you use to create a virtual relation in a database to query the data?
A. Procedure
B. Index
C. Function
D. View
Answer: D (LEAVE A REPLY)
Explanation
The database object that should be used to create a virtual relation in a database to query the data is a view. A view is a searchable object that is defined by a query. It does not store any data but retrieves data from one or more tables at run time, creating a virtual table and returning the data in the defined format. It is created using joins, filters, aggregations, or other SQL operations. A view can be used to simplify complex queries, provide security, or enhance performance. Therefore, the correct answer is D.
References:
* Relational Database Guidance
* Views

NEW QUESTION: 2
Which two practices are strongly discouraged for activity chaining? (Choose two.)
A. Less than or equal to 5 seconds between attended activities.
B. More than 50 node instances
C. More than 5 seconds between attended activities
D. Less than or equal to 50 node instances
Answer: B,C (LEAVE A REPLY)
Explanation

Activity chaining is a feature that allows users to complete multiple tasks in a row without returning to their task list. However, activity chaining can also have some drawbacks, such as increased memory consumption, longer transaction times, and reduced user feedback. Therefore, some practices are strongly discouraged for activity chaining, such as having more than 50 node instances or more than 5 seconds between attended activities. These practices can cause performance issues, user frustration, or process failures. Therefore, the correct answers are B and C.
References:
* Activity Chaining
* Performance Best Practices

NEW QUESTION: 3
You are analyzing a poorly-performing process model.
You find that the process model in question has a lot of nodes and is mainly used to do background updates.
Which two things can be done to increase its performance? (Choose two.)
A. Define the correct alerts for the process model.
B. Remove all activity chaining.
C. Use swim lanes in the process model.
D. Refactor some nodes into subprocesses when possible.
Answer: B,D (LEAVE A REPLY)
Explanation
Two things that can be done to increase the performance of a poorly-performing process model that has a lot of nodes and is mainly used to do background updates are:
* Remove all activity chaining. Activity chaining is a feature that allows a process to move from one node to another without waiting for a commit point. This can improve the performance of some processes, but it can also cause memory issues and data inconsistency if used excessively or incorrectly. Removing activity chaining can reduce the memory consumption and ensure data integrity of the process model.
* Refactor some nodes into subprocesses when possible. Subprocesses are processes that are called from within another process model. Refactoring some nodes into subprocesses can simplify the main process model and improve its readability and maintainability. It can also reduce the memory usage and execution time of the main process model, as subprocesses are executed in parallel and have their own memory allocation. References: Activity Chaining, Subprocess Node, Process Model Best Practices

NEW QUESTION: 4
You are investigating a slow-performing expression rule and want to analyze this rule's historical performance.
Which performance log should you look at to see the mean evaluation time of this rule every hour?

A. expressions_details.csv
B. expressions_metrics.csv
C. expressions_summary.csv
D. expressions_trace.csv
Answer: A (LEAVE A REPLY)
Explanation
The performance log that should be used to see the mean evaluation time of a slow-performing expression rule every hour is expressions_details.csv. This log records information about how expression rules are performing in the system, such as the number of evaluations, the total time, the mean total time, and the standard deviation of the total time. The log is written to once every hour, and it provides fine-grain aggregation by type of expression rule. The mean total time column shows the average time it took to evaluate an expression rule in milliseconds. Therefore, the correct answer is A.
References:
* Expression Performance Logs
* Performance Best Practices

NEW QUESTION: 5
Which of the following is a sign that an application's performance is degrading and should be addressed with changes to the application design?
A. Integration calls to an external system are consistently returning an HTTP status code of 500.
B. Three of the top five most executed process models have a low completion percentage.
C. The number of tasks assigned to users has increased from 1 per day to 5 per day.
D. The number of objects in the Application has increased from about 100 to about 500.
Answer: B (LEAVE A REPLY)
Explanation
The question is about a sign that an application's performance is degrading and should be addressed with changes to the application design. The following is a sign of this:
* Three of the top five most executed process models have a low completion percentage. This means that a large proportion of the process instances are not reaching the end event, either because they are taking too long to complete, or because they are encountering errors or exceptions. This can affect the performance of the application, as it can consume more memory and resources, and reduce the availability and reliability of the application. You should review the process model design and identify the causes of the low completion rate, and make changes to improve the process efficiency and error handling.
The following are not signs of performance degradation that require changes to the application design:
* Integration calls to an external system are consistently returning an HTTP status code of 500. This means that the external system is experiencing an internal server error, which is not related to the application design. You should contact the external system provider and report the issue, or implement a fallback or retry mechanism in your integration logic.

* The number of tasks assigned to users has increased from 1 per day to 5 per day. This means that the workload or demand for the application has increased, which is not necessarily a sign of performance degradation. You should monitor the task completion rate and user feedback to see if the increase in tasks is affecting the user experience or satisfaction, and adjust the task assignment or prioritization logic if needed.
* The number of objects in the Application has increased from about 100 to about 500. This means that the application has grown in size and complexity, which is not necessarily a sign of performance degradation. You should follow the best practices for application design and maintenance, such as using folders, prefixes, dependencies, and documentation, to keep the application organized and manageable.
References:
* Process Model Metrics
* HTTP Status Codes
* Task Report
* Application Design

NEW QUESTION: 6
In Scrum, who is the right person responsible for prioritizing product backlog? (Choose the best answer.)
A. Tester
B. Product Owner
C. Lead Developer
D. Product Manager
Answer: (SHOW ANSWER)
Explanation
In Scrum, the product owner is the person who represents the voice of the customer and the stakeholders. The product owner is responsible for defining and prioritizing the product backlog, which is a list of features, requirements, enhancements, and fixes that need to be delivered by the team. The product owner collaborates with the team and the scrum master to ensure that the product backlog is clear, valuable, and aligned with the product vision and goals.

NEW QUESTION: 7
Your organization requires a process to be initiated via an Appian web API.
Which HTTP request methods should the API use?
A. HEAD
B. GET
C. POST
D. CONNECT
Answer: C (LEAVE A REPLY)
Explanation

The question is about initiating a process via an Appian web API. The HTTP request method that the API should use is POST, as it is the method that allows sending data to the server and creating or updating a resource. In this case, the data would be the process parameters and the resource would be the process instance. The other options are not suitable for this purpose, as they either do not allow sending data or do not create or update a resource. References:
* HTTP Request Methods
* Start Process Web API

NEW QUESTION: 8
You are about to deploy a package to another environment.
Which two statements are true? (Choose two.)
A. It is not possible to undo changes from an import to all types of objects.
B. It is possible to undo changes from an import to all types of objects.
C. It is possible to import the same package multiple times.
D. It is not possible to import the same package multiple times.
Answer: A,C (LEAVE A REPLY)
Explanation
Two true statements are:
* It is not possible to undo changes from an import to all types of objects. Once a package is imported to an environment, it applies changes to the existing objects or creates new objects based on the package contents. There is no built-in mechanism to revert these changes or delete these objects automatically.
Therefore, it is important to test the package in a non-production environment before importing it to production, and to backup any objects that may be overwritten by the import.
* It is possible to import the same package multiple times. A package can be imported to an environment more than once, as long as it does not contain any conflicts or errors that would prevent the import.
However, importing the same package multiple times may not have any effect if there are no changes in the package contents or in the target environment since the last import. References: Prepare Deployment Packages, Application Deployment Guidelines

NEW QUESTION: 9
During the design review, you identified slow-operating expression rules querying a specific data store.
Which metric from the data_store_details.csv file will help you understand the "number of operations against data store?" (Choose the best answer.)
A. Transform Count
B. Query Count
C. Total Count
D. Execute Count
Answer: C (LEAVE A REPLY)

Explanation
The metric from the data_store_details.csv file that will help you understand the number of operations against data store is Total Count. This metric represents the total number of queries, inserts, updates, deletes, and executes performed against the data store during the specified time period. You can use this metric to identify which data stores are heavily used and may need performance tuning or scaling. References: [Data Store Details Report], [Data Store Metrics]

NEW QUESTION: 10
You are creating the group structure of a new application.
Which three best practices apply? (Choose three.)
A. Only create the groups necessary for task assignment or security.
B. Keep group names unique.
C. Avoid creating custom group types unless there is a strong need/requirement.
D. Flat group structures should be avoided.
E. Group names should not include the application prefix.
Answer: A,B,C (LEAVE A REPLY)

NEW QUESTION: 11
In the next year, you expect the number of concurrent active users of your application to increase from approximately 50 to 500.
Which two recommendations for your Appian environment would address the performance risk of this large increase in users? (Choose two.)
A. Add more design engines.
B. Add more process execution engines.
C. Add more application server memory.
D. Switch from a records-centric to a process-centric design.
Answer: B,C (LEAVE A REPLY)
Explanation
The question is about the recommendations for Appian environment to address the performance risk of a large increase in users. The following are two recommendations for this purpose:
* Add more process execution engines. This means adding more servers or nodes that can execute process instances in parallel, which can improve the scalability and availability of Appian. This can help handle the increased workload and demand from more users without affecting the response time or reliability of Appian.
* Add more application server memory. This means increasing the amount of memory allocated to each server or node that runs Appian components, such as web servers, engines, or analytics servers. This can help improve the performance and stability of Appian by reducing memory pressure and garbage collection.
The following are not recommendations for Appian environment to address the performance risk of a large increase in users:

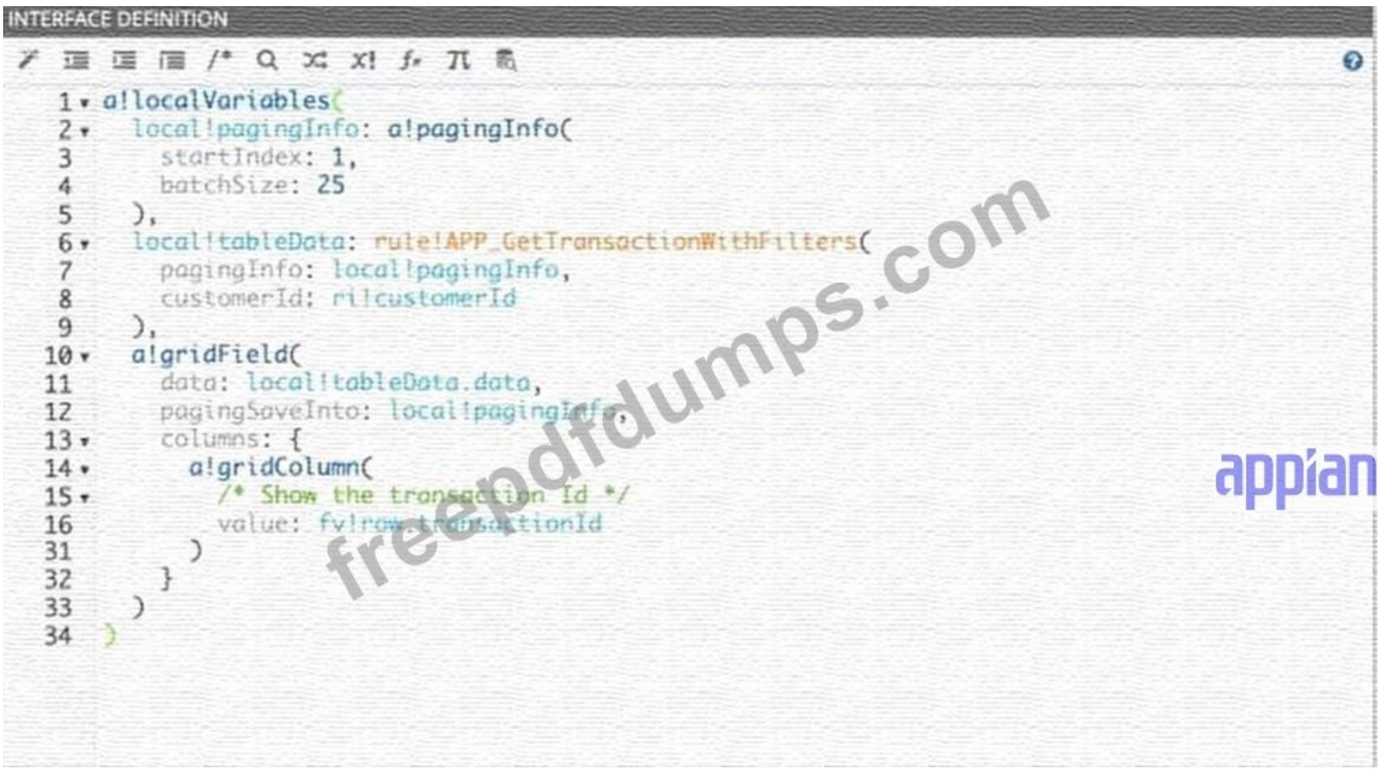
* Add more design engines. This means adding more servers or nodes that can execute expression rules or interface components in parallel, which can improve the performance and scalability of Appian.
However, this is not directly related to the number of users, but rather to the complexity and frequency of expression rules or interface components in the application.
* Switch from a records-centric to a process-centric design. This means changing the application design to focus more on process models and tasks, rather than records and reports. This does not affect the Appian environment, but rather the application logic and functionality. This may or may not improve the performance of the application, depending on the requirements and use cases.
References:
* Process Execution Engines
* Memory Recommendations
* Design Engines
* Records-Centric vs Process-Centric Design

NEW QUESTION: 12
You are tasked with configuring a process model to store the result of an expression rule for every item in a list.
Which process model design has the lowest memory footprint?
A. Run MNI over a script task for each item in the list.
B. Call a sub-process for each item in the list.
C. Configure a script task to use a!foreach to iterate over each item in the list.
D. Create a loop of smart service nodes in the process model and execute it for each item in the list.
Answer: (SHOW ANSWER)
Explanation
The question is about designing a process model to store the result of an expression rule for every item in a list with the lowest memory footprint. The best design for this purpose is to configure a script task to use a!foreach to iterate over each item in the list, as it allows you to execute an expression rule for each element of an array without creating multiple nodes or subprocesses in the process model. A script task is a node that executes an expression without user interaction, and a!foreach is a function that applies an expression to each element of an array and returns an array of results. The other options are not optimal for this purpose, as they either create more nodes or subprocesses in the process model, which consume more memory and resources.
References:
* Script Task
* a!foreach()

NEW QUESTION: 13

The IT stakeholder wants to understand which processes have the highest footprint.
What are the two places to get information on process model memory usage? (Choose two.)
A. Administration Console
B. Appian Health Check report
C. Application server log file
D. Process monitoring tab
Answer: (SHOW ANSWER)
Explanation
Two places to get information on process model memory usage are:
* Process monitoring tab. The process monitoring tab is a feature in the Appian Designer that allows you to monitor and manage the performance and status of process models and instances. You can use the process monitoring tab to view various metrics and statistics about your processes, such as memory usage, execution time, node count, error count, etc. You can also filter, sort, and export the data for further analysis. The process monitoring tab can help you identify which processes have the highest memory footprint and potential performance issues.
* Appian Health Check report. The Appian Health Check report is a tool that provides insights into application design patterns and performance risks in your environment. The report covers four areas of your environment: design, user experience, infrastructure, and configuration. The report also includes graphs highlighting historical trends, such as user activity, average response times, and resource utilization. The Appian Health Check report can help you identify which processes have the highest memory consumption and suggestions for mitigating them. References: Process Monitoring Tab, Understanding the Health Check Report

NEW QUESTION: 14
Users are reporting that their application is slow to load customer records with many transactions. Using performance monitoring tools, you find that the following interface definition is responsible for the vast majority of page load time:



You also notice that both queries (rule!APP_GetTransactionsWithFilters and rule! APP_GetTransactionTypeWithFilters) take about 25 milliseconds each to execute when you test them using expression editor.

Which change would decrease the load time of this interface component the most? (Choose the best answer.)

A. Don't fetch total count when getting transactions.

B. On line 4, increase the paginginfo batch size to 50 so more data is prefetched.

C. Use a synced record for Transactions to improve the query response time for the query performed on line 6.

D. Prefetched transation types and use the displayvalue() function to display the Transaction Type for each transaction.

Answer: D (LEAVE A REPLY)

Explanation

The load time of this interface component can be improved by reducing the number of queries performed and the amount of data transferred. One way to achieve this is to prefetch the transaction types and use the displayvalue() function to display the Transaction Type for each transaction. This way, only one query is performed to get the transactions, and the transaction types are retrieved from a local variable instead of a separate query. This reduces the network latency and the database load, which can improve the performance of the interface. Therefore, the best answer is D.

References:

* Prefetching Data
* displayvalue() Function

NEW QUESTION: 15

You are reviewing a recent Health Check report and notice that a process model has high memory consumption.
What are three possible reasons for this? (Choose three.)
A. Too many process variables
B. Misconfigured error alerts
C. Nested CDTs with large numbers of fields
D. Too many nodes
E. Gateway nodes with multiple incoming flows
Answer: A,C,D (LEAVE A REPLY)
Explanation
Three possible reasons for high memory consumption of a process model are:
* Too many process variables. Process variables are used to store data that is needed throughout the process execution. However, having too many process variables can increase the memory usage of the process engine, especially if the variables store large or complex data types, such as documents or CDTs. It is recommended to use local variables whenever possible, and to delete or nullify process variables that are no longer needed.
* Nested CDTs with large numbers of fields. CDTs are custom data types that define the structure and validation of business data in Appian. CDTs can be nested within other CDTs to create complex data models. However, nesting CDTs with large numbers of fields can result in high memory consumption and performance degradation, as each field requires additional memory allocation and processing. It is recommended to limit the number of fields and nesting levels of CDTs, and to use references instead of embedding whenever possible.
* Too many nodes. Nodes are the graphical elements that represent the activities and events in a process model. Having too many nodes in a process model can increase the memory usage and complexity of the process execution. It can also make the process model harder to read and maintain. It is recommended to simplify the process model by using subprocesses, smart services, or expression rules to encapsulate common or reusable logic. References: Process Variables, Custom Data Types, Process Model Best Practices

NEW QUESTION: 16
You need to show joined data from 5 tables. Each table contains a large number of rows and could generate a large result set after executing the Joins.
The business is not expecting live data, and a 2-hour refresh is acceptable. Performance is a top priority.
What should you use? (Choose the best answer.)
A. Table
B. View
C. Stored procedure
D. Materialized view
Answer: D (LEAVE A REPLY)
Explanation

A materialized view is the best option to show joined data from 5 tables that contain a large number of rows and could generate a large result set after executing the joins. A materialized view is a physical table that holds the results of the SQL that a view would normally be constructed from and can be generated periodically. A materialized view can improve performance by reducing the execution time of complex queries that involve multiple joins, aggregations, or calculations. A materialized view can also reduce the load on the database server by storing the query results in advance. A materialized view can be refreshed at regular intervals or on demand to reflect the changes in the underlying tables. References: [Materialized Views], [View Performance]

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NEW QUESTION: 17
Which review format is the most efficient way to coach team members and improve code quality? (Choose the best answer.)
A. Peer Dev Review
B. Automated Code Scanning
C. Retrospectives
D. User Acceptance Testing
Answer: A (LEAVE A REPLY)
Explanation
Peer Dev Review is the most efficient way to coach team members and improve code quality, because it allows developers to share feedback, learn from each other, and identify and fix issues before they become problems. Peer Dev Review also fosters collaboration, communication, and best practices among the team.
Peer Dev Review can be done using tools like Appian Designer or Appian Code Review.
References: [Peer Dev Review], [Appian Code Review]

NEW QUESTION: 18
You need to create a plug-in to perform a job in the background. The plug-in should not be available under an expression rule, connected system, or the process model.
What type of plug-in should you create? (Choose the best answer.)
A. Servlet
B. Function

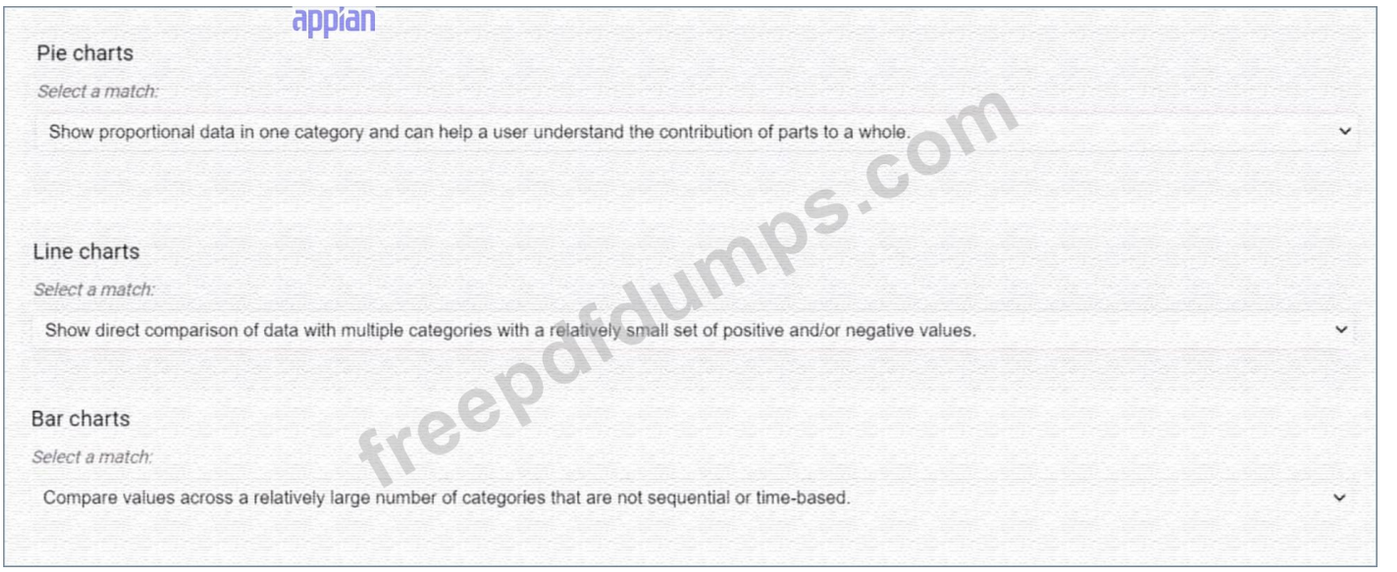
C. Connected systems
D. Smart service
Answer: A (LEAVE A REPLY)
Explanation
The type of plug-in that should be created to perform a job in the background and not be available under an expression rule, connected system, or the process model is a servlet plug-in. A servlet plug-in is a plug-in that allows you to create custom servlets that can be accessed through a URL. Servlets are Java classes that run on a web server and handle requests and responses. Servlet plug-ins can be used to perform background tasks, such as sending notifications, logging events, or integrating with external systems, without exposing them to the end users or developers.
References: Servlet Plug-ins, Appian Suite Plug-ins

NEW QUESTION: 19
Which user role should be used to allow external systems to invoke Appian web APIs?
A. Service Account
B. System Administrator
C. Application User
D. Designer
Answer: A (LEAVE A REPLY)
Explanation
The question is about allowing external systems to invoke Appian web APIs. A service account is the user role that should be used for this purpose, as it is a special type of basic user that can be configured to authenticate with web APIs using an API key. A service account can also be assigned to specific groups or roles to control the access to web APIs. The other options are not user roles, but rather groups or user types that are not suitable for this purpose. References:
* Service Accounts
* Web API Security

NEW QUESTION: 20
You are presenting data through data visualization.
Match the chart types to the data they are best suited to represent. Each answer will be used once.
Note: To change your responses, you may deselect your response by clicking the blank space at the top of the selection list.

Answer:

Explanation



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The question is about presenting data through data visualization and matching the chart types to the data they are best suited to represent. The following are the correct matches:

* A pie chart is best suited to represent proportional data in one category and can help us understand the contribution of parts to a whole. A pie chart shows the relative size of each part as a slice of a circular pie, and can display percentages or absolute values. For example, a pie chart can show the market share of different smartphone brands in one country.
* A line chart is best suited to represent direct comparison of data with multiple categories with a relatively small set of positive and negative values. A line chart shows the change or trend of data over time or another variable, and can display multiple lines for different categories. For example, a line chart can show the temperature change of different cities over a year.
* A bar chart is best suited to represent values across a relatively large number of categories that are not sequential or time-based. A bar chart shows the magnitude or frequency of data using horizontal or vertical bars, and can display multiple bars for different categories. For example, a bar chart can show the number of students enrolled in different courses in a university.

References:

* Pie Chart
* Line Chart
* Bar Chart

NEW QUESTION: 21

A lead designer receives this requirement:

Every time a record is modified, the data changed must be stored for audit.

Which design is the most efficient and has the least impact on the Appian application? (Choose the best answer.)

A. Create a custom plugin that can write an audit trail to a log file.

B. Create a trigger on the database table to capture the audit trail to a table.

C. Create an Appian process to capture the change history and write the audit trail to the database.

D. Create a web API call to an audit history system and write the audit trail to file.

Answer: B (LEAVE A REPLY)

Explanation

Creating a trigger on the database table to capture the audit trail to a table is the most efficient and has the least impact on the Appian application, because it avoids adding extra logic or calls to the Appian application, which could affect its performance and scalability. A trigger is a database object that automatically executes when a specified event occurs on a table or view. A trigger can be used to insert, update, or delete data from another table based on the changes made to the original table. References: [Triggers], [Audit Trail]

NEW QUESTION: 22

You need to update the archival settings for a process model. You modified the automatic process clean-up settings and selected the archive processes option with 'n' days.

Which instances of that process model will be affected? (Choose the best answer.)

A. Future and past instances of the process model including subprocesses.

B. Future instances of the process model only.

C. Future and past instances of the process model.

D. Future instances of the process model only including subprocesses.

Answer: C (LEAVE A REPLY)

Explanation

The instances of the process model that will be affected by modifying the automatic process clean-up settings are future and past instances of the process model. The automatic process clean-up settings allow you to specify how long completed or canceled processes should be kept before being archived or deleted. These settings apply to all instances of the process model, regardless of when they were started or completed.

However, these settings do not affect any subprocesses that are part of the process model. Subprocesses have their own archival settings that can be configured separately. References: Automatic Process Clean-up Settings, Archiving Processes

NEW QUESTION: 23

A car insurance company wants to build an application that processes insurance claims. Appian will receive a claim in a JSON document and return a decision about whether the company should pay the claim.

Match each system requirement to the Appian object that could be used to implement the requirement. Each answer will be used once.

/nce processed, a claim should be sent back to the customer's system of record as a JSON documen

- WebAPI
- Decision
- Record
- Integration

Users should be able to see all claims submitted in the past 90 days.

- WebAPI
- Decision
- Record
- Integration

A claim needs to be received as a JSON document.

- WebAPI
- Decision
- Record
- Integration

Any claim under $500 should be automatically paid.

- WebAPI
- Decision
- Record
- Integration

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Answer:

Once processed, a claim should be sent back to the customer's system of record as a JSON document.

WebAPI
Decision
Record
Integration

Users should be able to see all claims submitted in the past 90 days.

WebAPI
Decision
Record
Integration

A claim needs to be received as a JSON document.

WebAPI
Decision
Record
Integration

Any claim under $500 should be automatically paid.

WebAPI
Decision
Record
Integration

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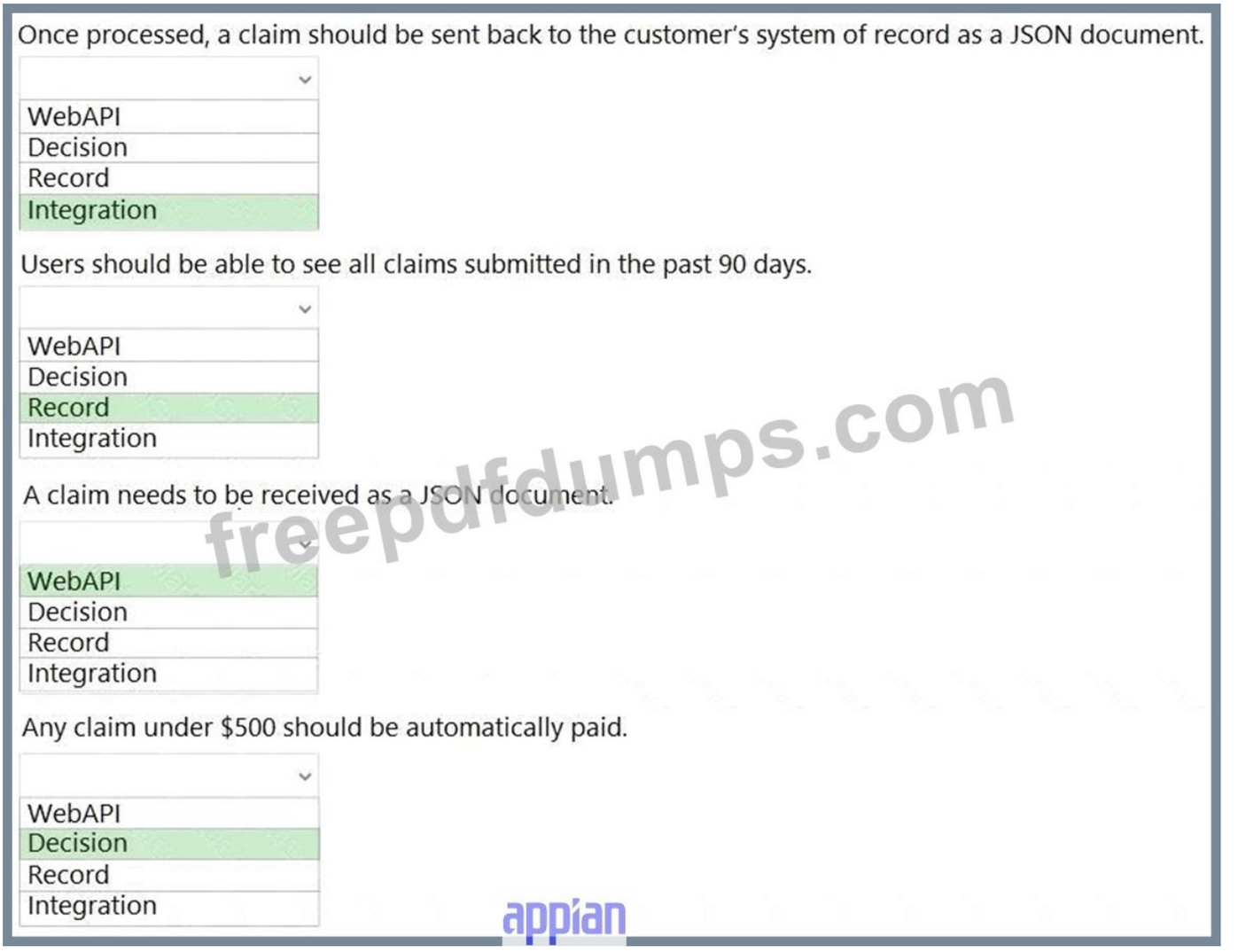
Explanation



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References:

* [Web APIs]
* [Connected Systems]
* [Expression Rules]
* [Decision Tables]

NEW QUESTION: 24

You are required to test a Related Action that updates record data. You need to make sure that the correct users can access the form and that the data is updating successfully.

Which is the most appropriate testing method to achieve this using Appian?

A. Unit Testing

B. User Interface (UI) Testing

C. Load Testing

D. Performance Testing

Answer: (SHOW ANSWER)

Explanation

The most appropriate testing method to achieve this using Appian is Unit Testing. This is because unit testing allows you to test individual components of your application, such as forms, rules, or

expressions, in isolation from other components or dependencies. Unit testing can help you verify that your Related Action works as expected for different users and data scenarios, as well as identify and fix any errors or bugs before deploying your application to production. References: Unit Testing

NEW QUESTION: 25
You are designing a case management application. The initiator creates a case, and the reviewer reviews it approximately 7 days later.
You have already designed a process model for the initiators to create the case.
Which process model design will result in the lowest memory impact? (Choose the best answer.)
A. When all case details are entered, the case appears as a case record, and when the reviewer is ready to review the record, they can do so via a related action from the case record.
B. When all case details are entered, the process flow will proceed and assign a task to the reviewer to review the record.
C. When all case details are entered, the process flow will call a Start Process node to initialize a review process model for the reviewer.
D. When all case details are entered, the process flow will call a Sub-Process node to initialize a review process model for the reviewer.
Answer: (SHOW ANSWER)
Explanation
The best process model design for a case management application is to use a case record and a related action.
This way, the process flow does not have to wait for the reviewer to complete the task, which can take up to 7 days. This reduces the memory impact of the process, as well as the risk of process timeouts or errors. The case record also provides a better user experience, as the reviewer can access the case details and the related action from one place. Therefore, the best answer is A.
References:
* Case Management
* Related Actions

NEW QUESTION: 26
You are troubleshooting slow response times on a SAIL interface.
What are two potential causes of the performance issues? (Choose two.)
A. Multiple rule inputs
B. Multiple a!save operations
C. Configuration of refresh variables
D. Stacked button layout
Answer: B,C (LEAVE A REPLY)
Explanation
The question is about troubleshooting slow response times on a SAIL interface. The following are two potential causes of the performance issues:

* Multiple a!save operations: This means that the interface has multiple expressions that use a!save to store data in variables or update components. This can cause performance issues, as each a!save operation triggers a server round-trip and refreshes all dependent components on the interface. You should minimize the use of a!save operations and use local variables or component parameters instead.
* Configuration of refresh variables: This means that the interface has components that use refresh variables to control when they should be refreshed based on changes in other components or variables.
This can cause performance issues, as some components may be refreshed unnecessarily or too frequently due to incorrect or excessive refresh variables. You should optimize the refresh variables and use them only when needed.
The following are not likely causes of slow response times on a SAIL interface:
* Multiple rule inputs: This means that the interface has expressions that use rule inputs to pass data or parameters to expression rules. This does not affect the performance of the interface, as rule inputs are evaluated on the server and do not cause additional server round-trips or refreshes.
* Stacked button layout: This means that the interface has a layout component that arranges buttons in a vertical stack. This does not affect the performance of the interface, as it is a simple layout component that does not require any server interaction or refresh logic.
References:
* a!save()
* Refresh Variables
* Rule Inputs
* Stacked Button Layout

NEW QUESTION: 27
Which XSD element is NOT supported within an Appian CDT? (Choose the best answer.)
A. <xsd:complexType>
B. <xsd:key>
C. <xsd:annotation>
D. <xsd:simpleContent>
Answer: B (LEAVE A REPLY)
Explanation
The xsd:key element is not supported within an Appian CDT. This element is used to define a key constraint for an element or a group of elements. Appian does not support key constraints in CDTs, as they are not relevant for data storage or manipulation. Instead, Appian uses primary keys and foreign keys to enforce uniqueness and referential integrity in CDTs. These keys are specified using the @Id and @JoinColumn JPA annotations, respectively. References: Supported XSD Elements and JPA Annotations

NEW QUESTION: 28

You are troubleshooting a process model instance with an error in a node.
Which two options will allow you to obtain more information about the error? (Choose two.)
A. Open the process model from the process instance.
B. View the Process Details dialog.
C. View the process model properties.
D. View the properties dialog of the affected node.
Answer: (SHOW ANSWER)
Explanation
When troubleshooting a process model instance with an error in a node, two options that can provide more information about the error are to view the Process Details dialog and to view the properties dialog of the affected node. The Process Details dialog shows the status, history, and variables of the process instance, as well as any errors or warnings that occurred during the execution. The properties dialog of the affected node shows the configuration, inputs, outputs, and expressions of the node, as well as any errors or warnings that occurred during the evaluation. These options can help to identify the cause and location of the error, and to apply any necessary fixes. Therefore, the correct answers are B and D.
References:
* [Process Details Dialog]
* [Properties Dialog]

NEW QUESTION: 29
The IT stakeholder wants to understand which processes have the highest footprint.
What are the two places to get information on process model memory usage? (Choose two.)
A. Administration Console
B. Process monitoring tab
C. Appian Health Check report
D. Application server log file
Answer: (SHOW ANSWER)
Explanation
Two places to get information on process model memory usage are:
* Process monitoring tab. The process monitoring tab is a feature in the Appian Designer that allows you to monitor and manage the performance and status of process models and instances. You can use the process monitoring tab to view various metrics and statistics about your processes, such as memory usage, execution time, node count, error count, etc. You can also filter, sort, and export the data for further analysis. The process monitoring tab can help you identify which processes have the highest memory footprint and potential performance issues.
* Appian Health Check report. The Appian Health Check report is a tool that provides insights into application design patterns and performance risks in your environment. The report covers four areas of your environment: design, user experience, infrastructure, and configuration. The report also includes graphs highlighting historical trends, such as user activity, average response times, and resource utilization. The Appian Health Check report can help you identify which processes

have the highest memory consumption and suggestions for mitigating them. References: Process Monitoring Tab, Understanding the Health Check Report

NEW QUESTION: 30
You have configured a process model to send an email to one or more recipients using the out-of-the-box Send E-Mail node.
Executing the process model results in the Send E-Mail node encountered this error: "Error:Email could not be sent" Where do you go first to find more details on why the node encountered an error? (Choose the best answer.)
A. Raise a support case within My Appian so a cloud engineer can investigate.
B. Review the system.csv log.
C. Run and review the Health Check report
D. Investigate the application server stdout log
Answer: D (LEAVE A REPLY)
Explanation
The first place to go to find more details on why the Send E-Mail node encountered an error is to investigate the application server stdout log. This log contains information about the email server configuration, connection status, and error messages. You can access this log from the Administration Console under Monitoring > Logs > Application Server Logs > stdout.log. You can also search for keywords like "email" or
"smtp" to filter the relevant entries. References: [Send E-Mail Smart Service], [Application Server Logs]

NEW QUESTION: 31
A user is uploading a document in the Appian environment and wants to restrict the uploading of documents without extensions.
How can this be done at the environment level?
A. Enable File Upload > Block files without an extension, under Administration Console.
B. Document can be uploaded but cannot be restricted.
C. Configure Validation rules wherever required.
D. No actions are required from the developer; Appian auto-validates these documents.
Answer: A (LEAVE A REPLY)
Explanation
The best way to restrict the uploading of documents without extensions at the environment level is to enable the File Upload > Block files without an extension option under the Administration Console. This option will prevent users from uploading files that do not have a valid file extension, such as .docx, .pdf, or .png. This can help to avoid security risks and compatibility issues with unsupported file types. Therefore, the correct answer is A.
References:
* [File Upload Settings]
* [File Extensions]

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NEW QUESTION: 32
You are investigating a slow-performing query entity which is mapped to a view and you decide to look in the data_store_details.csv log to gain more information. You see that the majority of the time is spent in the transform phase.
Which two actions can you take to reduce the time spent in the transform phase? (Choose two.)
A. Reduce the use of unnecessary columns in the GROUP BY clause in the database view.
B. Reduce the number of columns returned from the query.
C. Create a database index on the column being filtered against.
D. Lower the batch size parameter of the query.
Answer: (SHOW ANSWER)
Explanation
The data_store_details.csv log provides information about the performance of query entities. The log shows the time spent in three phases: extract, transform, and load. The extract phase is the time it takes to execute the SQL query on the database. The transform phase is the time it takes to convert the SQL result set into Appian data types. The load phase is the time it takes to return the data to the expression that invoked the query entity.
To reduce the time spent in the transform phase, two possible actions are to reduce the number of columns returned from the query and to lower the batch size parameter of the query. These actions can decrease the amount of data that needs to be converted and transferred, which can improve the performance of the query entity. Therefore, the correct answers are B and D.
References:
* Query Entity Performance
* a!queryEntity() Function

NEW QUESTION: 33
Your organization is considering automating the running of expression rule test cases to provide unit tests for your Appian applications.
Which three methods could be used to launch a test run when required? (Choose three.)
A. Via the DevOps section of the Administration Console.
B. A process model invoked via an API.
C. A process model exposed to users as an action.

D. A web hook from a content versioning system (CVS).
E. A SAIL interface embedded in a report.
Answer: B,C,E (LEAVE A REPLY)
Explanation
Three methods that could be used to launch a test run for expression rule test cases when required are:
* A process model invoked via an API. A process model can be designed to run test cases for expression rules using the a!testRule() function or the Test Rule smart service. This process model can be exposed as a web API with an HTTP method such as POST or PUT, allowing external systems or applications to invoke it through an HTTP request.
* A process model exposed to users as an action. A process model can also be designed to run test cases for expression rules using the same function or smart service as above. This process model can be exposed to users as an action on an interface, such as a button or a link, allowing users to trigger it manually when needed.
* A SAIL interface embedded in a report. A SAIL interface can be created to run test cases for expression rules using the a!testRule() function. This interface can be embedded in a report, such as a grid or a chart, allowing users to view the test results interactively on an interface.
References: Automated Testing for Expression Rules, a!testRule() Function, Test Rule Smart Service, Web APIs, SAIL Interfaces

NEW QUESTION: 34
You are creating an expression rule that will be reused throughout your environment.
What are two benefits of including meaningful test cases when creating a new expression rule? (Choose two.)
A. Improve performance.
B. Improve the appearance of the code.
C. Speed up unit, regression, and exploratory testing.
D. Increase code quality.
Answer: C,D (LEAVE A REPLY)

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