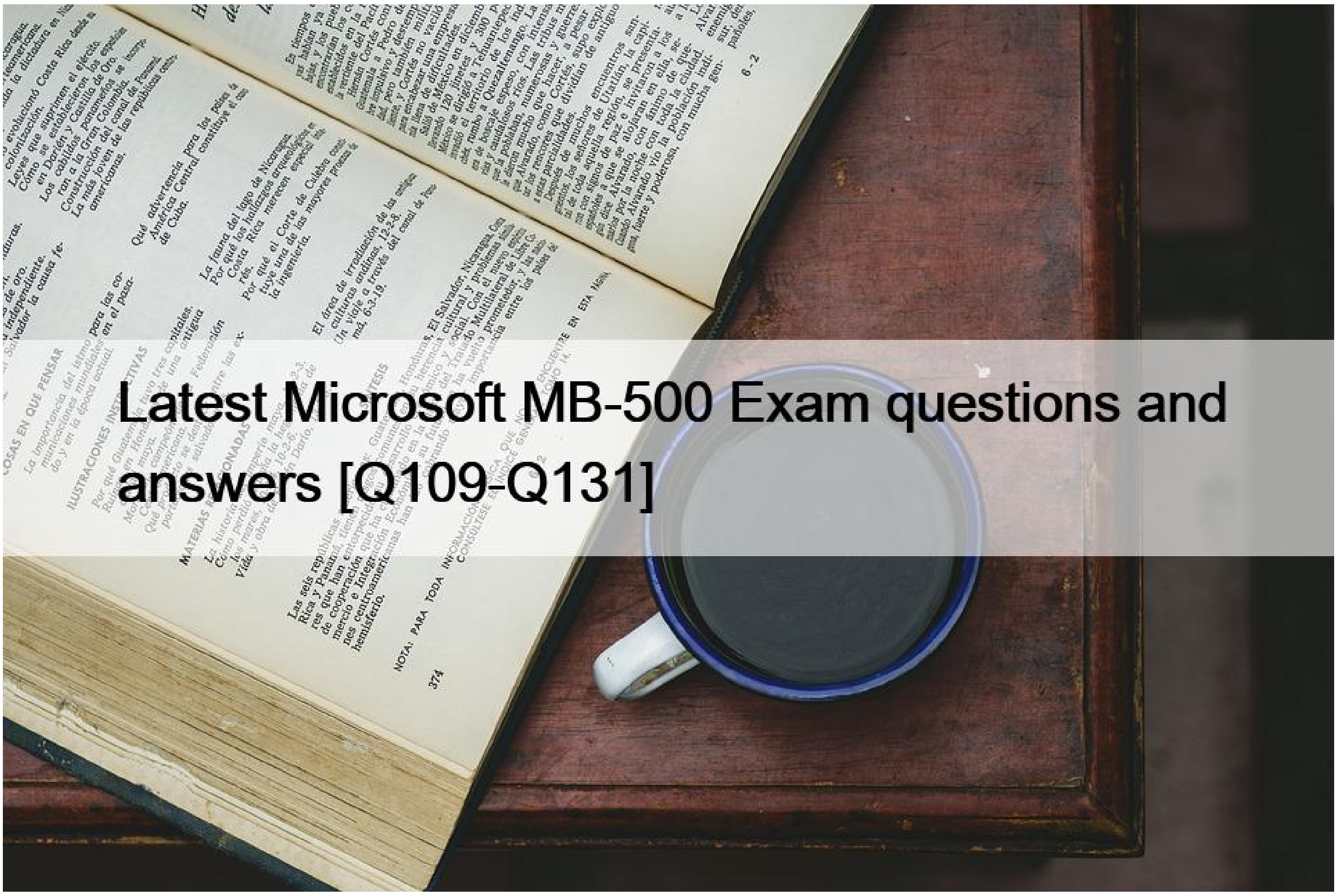
Latest Microsoft MB-500 Exam questions and answers [Q109-Q131



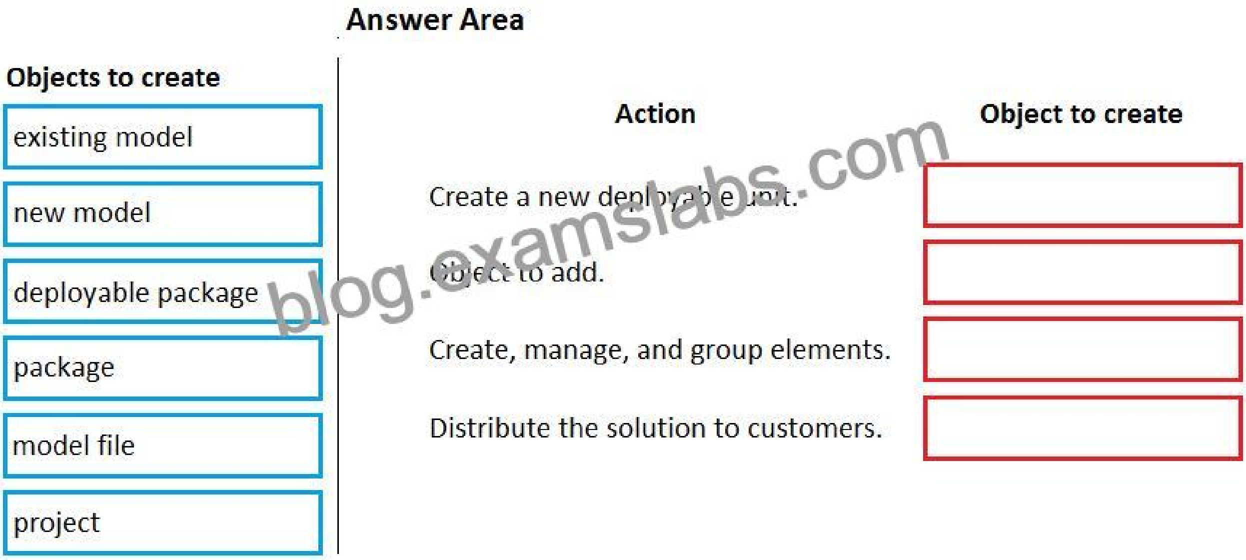
Latest Microsoft MB-500 Exam questions and answers
ExamsLabs MB-500 Exam Practice Test Questions (Updated 245 Questions)

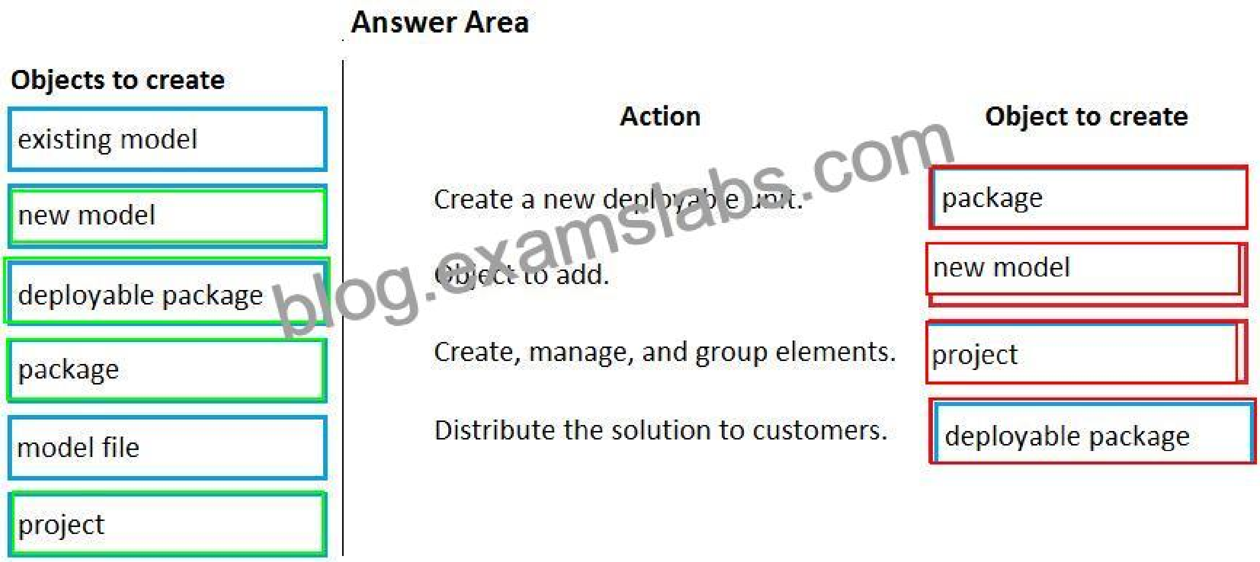
NEW QUESTION 109

You need to develop, test, and deploy the Vendor Exclusion list solution.

What should you create? To answer, drag the appropriate objects to the correct actions. Each element may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.





Explanation:

Box 1: package

An AOT package is a deployment and compilation unit of one or more models that can be applied to an environment. It includes model metadata, binaries, reports and other associated resources. One or more AOT packages can be packaged into a deployable package, which is the vehicle used for deployment of code (and customizations) on demo, sandbox, and production environments.

Box 2: New model

Model – You configure your model to refer to two other models. This enables your model to reference metadata and code elements that are in other packages.

Box 3: project

Project – You create a project and then associate your project to your new model. You add elements to your project, which are also added to your model. Specifically, you add an extended data type (EDT). You also add a table that you populate with fields and a method.

Box 4: deployable package

Reference:

https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/create-data-model-elements

NEW QUESTION 110

You are a Dynamics 365 Finance and Operations developer.

You have the following code: (Line numbers are included for reference only.)

```
public void tryMethod(int a, int b)
{
  try
  {
    info("One");
    int c = a/b;
    info("Two");
  }
  catch
  {
    info("Three");
    if (a == 2)
    {
      return;
    }
    else if (a == 3)
    {
      b = 3;
      retry;
    }
  }
  finally
  {
    info("Four");
  }
 info("Five");
}
```

You need to evaluate the code.

What is the correct output for the method? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Method	Output
`tryMethod(5,2);`	One, Two, Four, Five One, Two, Five One, Three, Four, Five
`tryMethod(4,0);`	One, Three, Four, Five One, Four, Five One, Two, Four, Five
`tryMethod(2,0);`	One, Three, Four One, Three One, Three, Four, Five
`tryMethod(3,0);`	One, Two, Four, Five One, Three, One, Two, Four, Five One, Three, Four, One, Two, Four, Five

Method	Output
`tryMethod(5,2);`	One, Two, Four, Five One, Two, Five One, Three, Four, Five
`tryMethod(4,0);`	One, Three, Four, Five One, Four, Five One, Two, Four, Five
`tryMethod(2,0);`	One, Three, Four One, Three One, Three, Four, Five
`tryMethod(3,0);`	One, Two, Four, Five One, Three, One, Two, Four, Five One, Three, Four, One, Two, Four, Five

Explanation:

Method	Output
`tryMethod(5,2);`	One, Two, Four, Five One, Two, Five One, Three, Four, Five
`tryMethod(4,0);`	One, Three, Four, Five One, Four, Five One, Two, Four, Five
`tryMethod(2,0);`	One, Three, Four One, Three One, Three, Four, Five
`tryMethod(3,0);`	One, Two, Four, Five One, Three, One, Two, Four, Five One, Three, Four, One, Two, Four, Five

Box 1: One, Two, Four, Fire

The statements in the finally clause are executed when control leaves the try block, either normally or through an exception.

Box 2: One, Three, Four, Five

Box 3: One, Three

Return ends the call.

Box 4: One, Three, One, Two, Four, Five

Retry restarts the try statement.

Reference:

https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-exceptions

NEW QUESTION 111

You are a Dynamics 365 Finance developer. You have the following Extended Data Types (EDTs):

Name	Comments
AccountBase	Root EDT
AccountId	Derives from AccountBase

You plan to modify the EDT properties by using an extension.

You need to determine which operations can be performed.

Which operation is possible?
* Create an extension for AccountBase and decrease the field size.
* Create a derived EDT for AccountBase and increase the field size.
* Create an extension for Accountld and increase the field size.
* Create an extension for AccountBase and modify the Form Help property.

NEW QUESTION 112

You have an enumeration named truckStatus that has the following statuses:

* Empty

* Loaded

* Completed

You have the following code:

```
switch (trunkTable.TruckStatus)
{
  case TruckStatus::Empty:
    Info("1");
    break;
  case TruckStatus::Loaded:
    Info("2");
    break;
  case TruckStatus::Completed:
    Info("3");
    break;
}
```


You need to add the following statuses to the enumeration: Quarantine, InTransit What should you do?
* Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the enumeration value.
* Add a post handler to the method that checks the enumeration and logic for your new enumeration values using a range comparison for your new values.
* Add a new case statement in the model of the existing code.
* Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the integer value of the enumeration.

NEW QUESTION 113

You are creating a Dynamics 365 Finance and Operations report. You cannot query the data for the report directly.

You must include parameters to specify data for the report.

You need to create the report.

What should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Which type of class should you create to pass parameters to the report?

- Data contract class
- Report data provider class
- Report controller class
- Report UI builder class

Which type of class should you create to access and process the data for the report?

- Data contract class
- Report data provider class
- Report controller class
- Report UI builder class

Which attribute should you use to identify the class that defines report variables?

- DataContractAttribute
- DataMemberAttribute
- SysOperationContractProcessingAttribute
- SysOperationGroupAttribute

Which attribute should you use to identify parm methods to send data for the report?

- DataContractAttribute
- DataMemberAttribute
- SysOperationContractProcessingAttribute
- SysOperationGroupAttribute

Which attribute should you use to define the contract class for a provider class?

- SRSReportQueryAttribute
- SRSReportParameterAttribute
- SRSReportDataProviderBase

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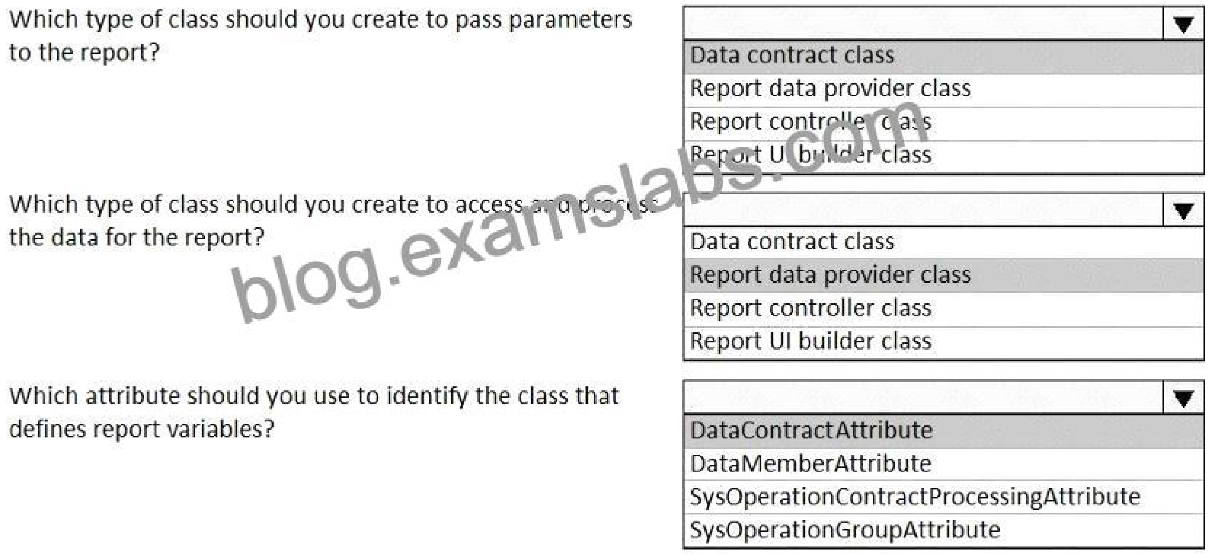
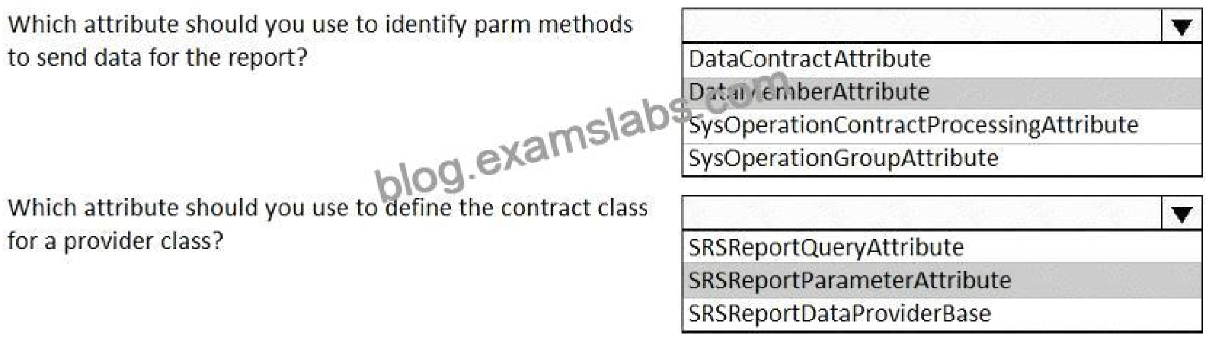
Which attribute should you use to define the contract class for a provider class?

- SRSReportQueryAttribute
- SRSReportParameterAttribute
- SRSReportDataProviderBase

Explanation:





Box 1: Data contract class

A data contract class defines the parameters for a report that is bound to a report data provider (RDP) class.

You can specify one or more groups of report parameters, the order of the groups, and the order in which the report parameters appear in a print dialog box.

Box 2: Report data provider class

Report data provider class – processes business logic based on parameters and a query, and then returns the tables as a dataset for the report.

Box 3: DataContractAttribute

DataContractAttribute – This attribute is applied to an X++ class and specifies that the class can be used as a data contract (that it should be serialized).

Box 4: DataMemberAttribute

DataMemberAttribute – This attribute is applied to a parm (parameter) method on an X++ data contract class and specifies that the data member should be serialized.

Box 5: SRSReportParameterAttribute

You set the SRSReportParameterAttribute attribute to the data contract you created for the RDP class.

Reference:

https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/how-to-use-a-report-data-provider-class-in-a-re

NEW QUESTION 114

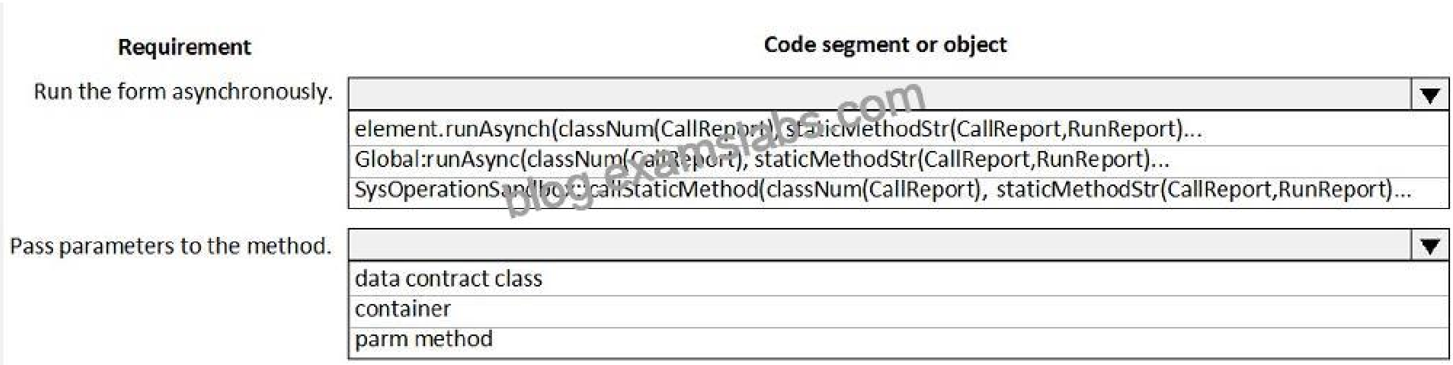
You are a Dynamics 365 Finance developer.

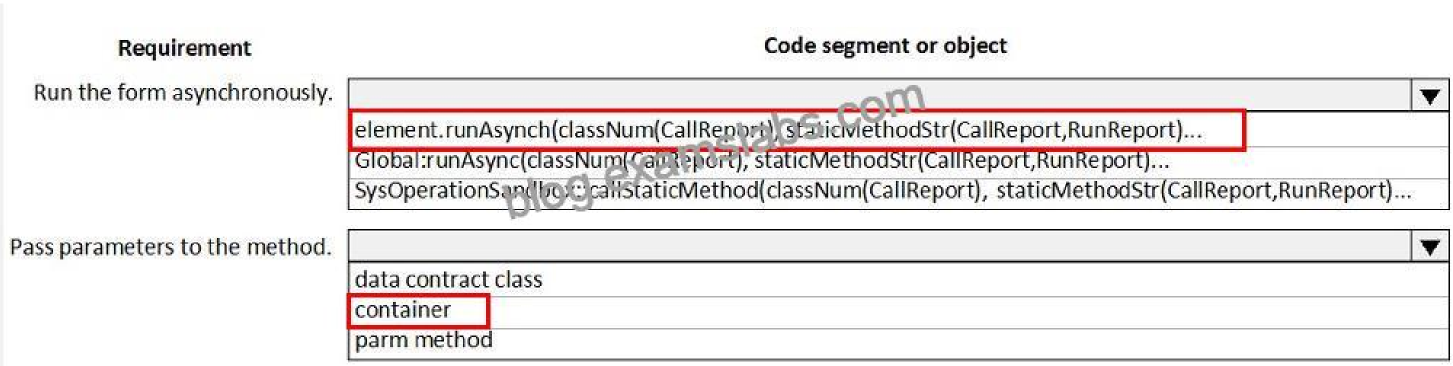
A report uses a synchronous call based on a saleID value. There are long wait times for the report to complete printing. You must allow the user to continue to work while the report processes and inform the user immediately when the report completes printing.

You need to implement the correct method calls and behavior.

Which code segments should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.





Reference:

https://devblog.sertanyaman.com/2017/03/14/synchronous-and-asyncronous-operations-in-ax7/

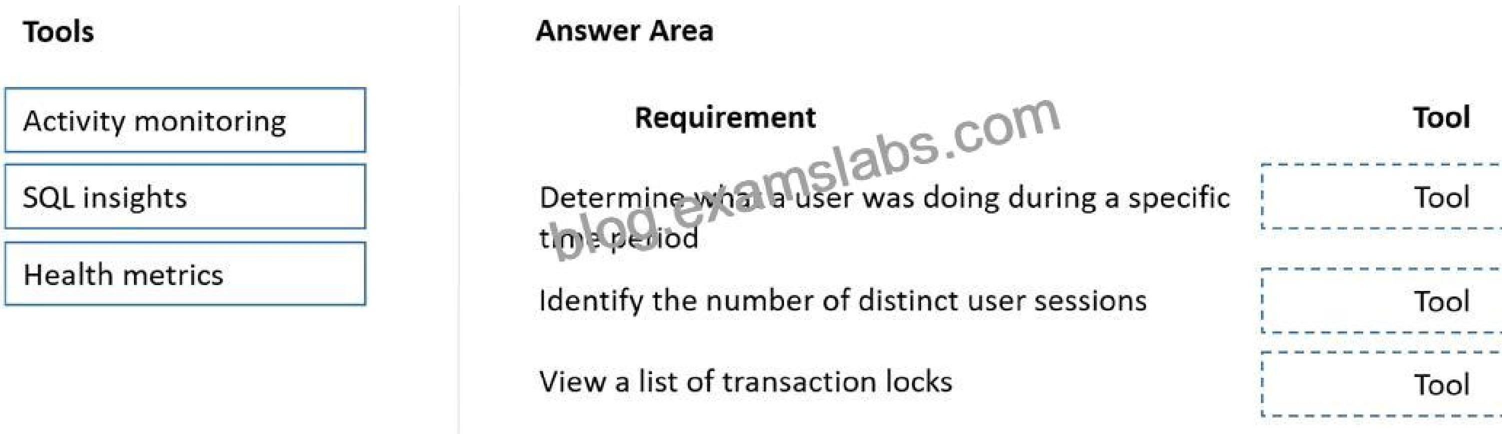
NEW QUESTION 115

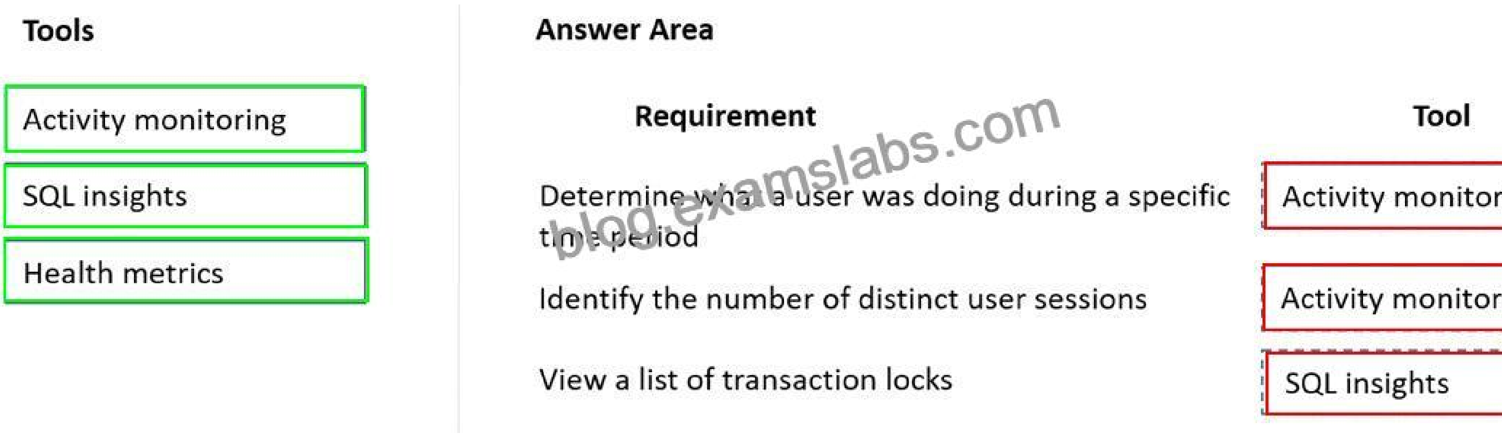
A company uses Dynamics 365 Supply Chain Management.

You need to monitor system performance.

Which tool should you use? To answer, drag the appropriate tools to the correct requirements. Each tool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.





Reference:

https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/lifecycle-services/monitoring-diagnostics

https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/lifecycle-services/performancetroubleshooting

NEW QUESTION 116

You are a Dynamics 365 Finance developer. You create a form.

You must ensure that only sales managers can view the form.

You need to set up security for the form.

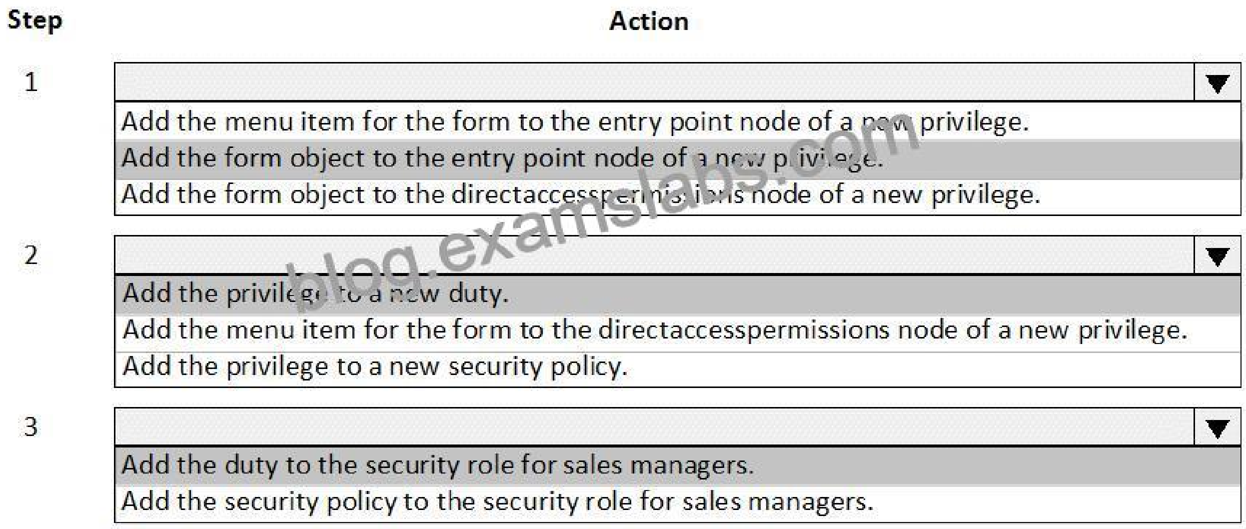
What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Step	Action
1	Add the menu item for the form to the entry point node of a new privilege. Add the form object to the entry point node of a new privilege. Add the form object to the directaccesspermissions node of a new privilege.
2	Add the privilege to a new duty. Add the menu item for the form to the directaccesspermissions node of a new privilege. Add the privilege to a new security policy.
3	Add the duty to the security role for sales managers. Add the security policy to the security role for sales managers.

Step	Action
1	Add the menu item for the form to the entry point node of a new privilege. Add the form object to the entry point node of a new privilege. Add the form object to the directaccesspermissions node of a new privilege.
2	Add the privilege to a new duty. Add the menu item for the form to the directaccesspermissions node of a new privilege. Add the privilege to a new security policy.
3	Add the duty to the security role for sales managers. Add the security policy to the security role for sales managers.

Explanation



Step 1: Add the form object to the entry point node of a new privilege.

Your desired security privilege you can either directly set form control permissions or Entry Points.

For the Entry point method you need first need to add new entry point and set its object type and object name properties or for existing ones select desired entry point and click on drop down arrow and on controls right click and select new control, and now set its grant and name properties to desired control and its access rights.

Step 2: Add the privilege to a new duty

You need to assign this privilege in desired security role and security duty.

Step 3: Add the duty to the security role for sales managers.

Reference:

https://www.cloudfronts.com/set-form-control-access-via-security-role-in-d365-finance/

NEW QUESTION 117

A company uses Dynamics 365 Unified Operations.

You need to integrate the system with third-party applications.

Which data integration strategies should you use? To answer, drag the appropriate data integration strategies to the correct scenarios. Each strategy may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer Area

Strategies
- OData endpoint
- batch data API
- custom service
- Excel integration

Scenario	Strategy
Users have a customer portal and must be able to query the status of orders for customers in near real time. Less than 500 status requests occur per hour.	
Employees use a third-party app to record customer orders. You must upload orders to the system once each hour. The company processes approximately 10,000 orders each hour.	
Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.	

Answer Area

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- batch data API
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Users have a customer portal and must be able to query the status of orders for customers in near real time. Less than 500 status requests occur per hour.	custom service
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Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.	OData endpoint

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Explanation

Scenario	Strategy
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Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.	OData endpoint

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Box 1: custom service

Custom service peak data volume is 1,000 records per hour.

Box 2: batch data API

This scenario is best implemented by using batch data APIs, which has a peak data volume of 300,000 records per hour.

Box 3: OData endpoint

Peak data volume for reading Odata status of orders is 5,000 records per hour.

This scenario is best implemented by using the OData service endpoints to read order status information.

Reference:

https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview

NEW QUESTION 118

You are a Dynamics 365 Finance developer.

You launch the Performance Timer tool to troubleshoot performance issues with a business process.

You need to view the results from the tool.

What does the tool present? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Performance Timer tool link	Data
Forms	The number of open forms and the rate at which they are opened and closed (per second). The total number of forms and the rate at which they are opened and closed (per second). The number of open forms and the rate at which they are opened and closed (per minute). The total number of forms and the rate at which they are opened and closed (per minute).
Services Session Provider	The number of open forms and the rate at which they are opened and closed (per second). The total number of forms and the rate at which they are opened and closed (per second). The number of open forms and the rate at which they are opened and closed (per minute). The total number of forms and the rate at which they are opened and closed (per minute).

Performance Timer tool link	Data
Forms	The number of open forms and the rate at which they are opened and closed (per second). The total number of forms and the rate at which they are opened and closed (per second). The number of open forms and the rate at which they are opened and closed (per minute). The total number of forms and the rate at which they are opened and closed (per minute).
Services Session Provider	The number of open forms and the rate at which they are opened and closed (per second). The total number of forms and the rate at which they are opened and closed (per second). The number of open forms and the rate at which they are opened and closed (per minute). The total number of forms and the rate at which they are opened and closed (per minute).

Explanation:

Box 1: The number of open forms and ..(per second)

Forms – Forms will show how many forms are currently open, plus the rate at which they opened and closed (per second), and a set of counters, such as the total amount of created or closed forms.

Box 2: The number of open forms and ..(per second)

This should really be: Services Session provider – This is the total number of sessions created.

Reference:

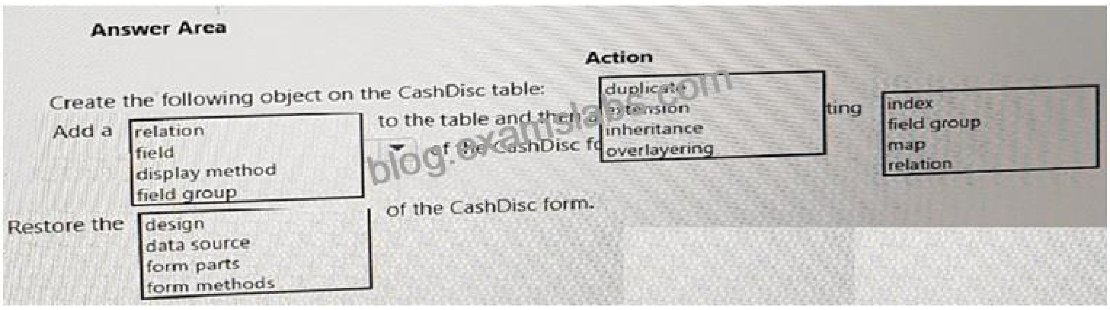
https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/perf-test/performance-timer

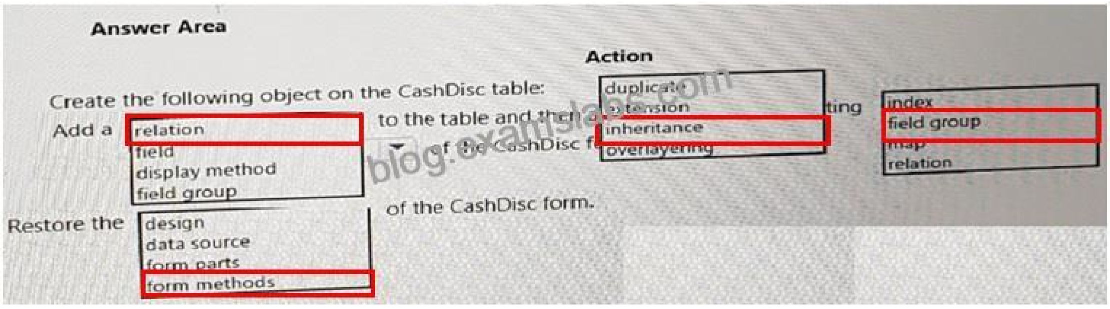
NEW QUESTION 119

You need to modify the CashDisc form to meet the requirements.

Which objects should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.





NEW QUESTION 120

You are a Dynamics 365 Finance developer.

You need to deploy a new report in a developer environment.

From which two locations can you deploy the report? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.
* Application Explorer
* Package deployment
* Solution Explorer
* Build Model option
* Build project

NEW QUESTION 121

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must extend the class SalesLineType and add a new method that returns the day of week for the system’s current date as an integer value.

You need to create a class that extends SalesLineType and adds the new method.

Solution: You create the following code:

```
[ExtensionOf(classStr(SalesLineType))]
final class mySalesLineType_myExtension
{
  public int extensionMethodDayofWeek()
  {
    return dayofwk(systemDateGet());
  }
}
```

Does the solution meet the goal?
* Yes
* No

NEW QUESTION 122

You are a Dynamics 365 Finance developer. You have two tables as shown in the following exhibit:

You need to configure Table1 to ensure that records cannot be deleted from Table1 if Table2 contains related records.

Which value should you use for the OnDelete property?
* None
* Cascade
* Cascade + Restricted
* Restricted
Example of Restricted

Suppose we have two tables (Customer & Order) and the relation is of One-To-Many i.e Customer can have many orders.

So on a parent table i.e.(Customer) if I set a delete action property to “RESTRICTED” for Order table. Then If I go and delete the record from a Customer table. It will first check the record in the child table and if exist that warning prompt saying that first we need to delete a record from child table.

Reference:

https://amazingax.wordpress.com/2013/01/13/microsoft-dynamics-ax-2012example-of-cascaderestricted-and-cas

NEW QUESTION 123

You are a Dynamics 365 Finance and Operations developer.

The sales department manager must to be able to view total customers by region and total sales by regions.

You need to build key performance indicators (KPIs) and display them on a tile in the application.

How should you model the KPI? To answer, drag the appropriate objects to the correct KPI components. Each object may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

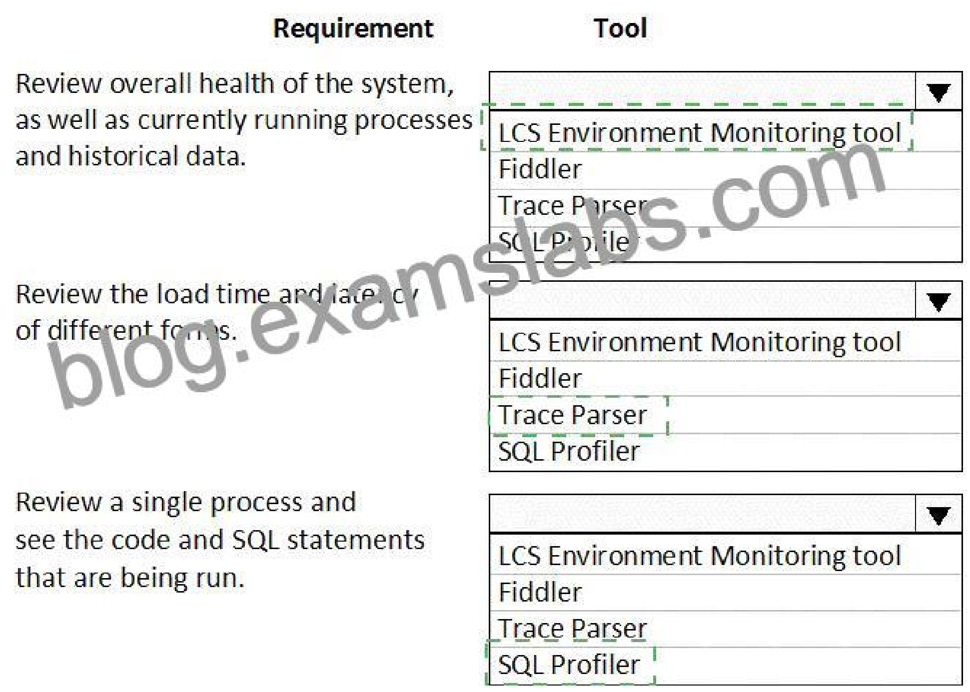
NEW QUESTION 124

You are a Dynamics 365 Finance and Operations developer.

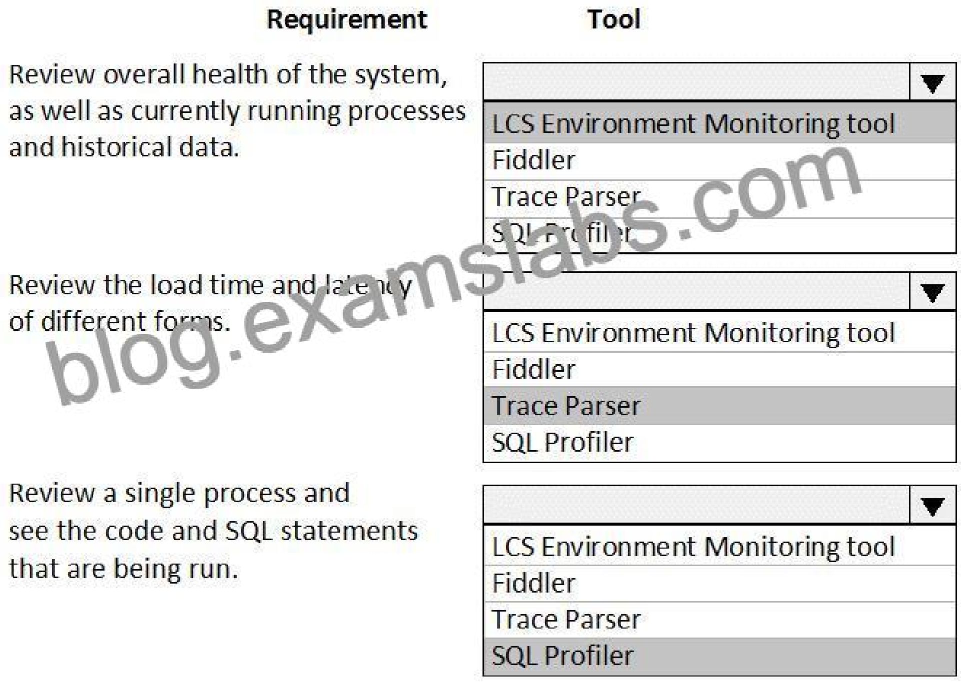
You need to monitor system performance.

Which tools should you use? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.



Explanation



Box 1: LCS Environment Monitoring tool

Microsoft Dynamics Lifecycle Services (LCS) provides to help you monitor, diagnose, and analyze the health of the Finance and Operations environments that you manage.

Box 2: Trace Parser

You can use the Trace parser to consume traces and analyze performance in your deployment.

Box 3: SQL Profiler

Reference:

https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/lifecycle-services/monitoring-diagnostics

NEW QUESTION 125

You use the performance timer to monitor and optimize Dynamics 365 performance.

You need to view information about how many users are currently using the application.

Which performance counter should you use?
* Services Session Provider
* Web Client Session
* Forms
* GC

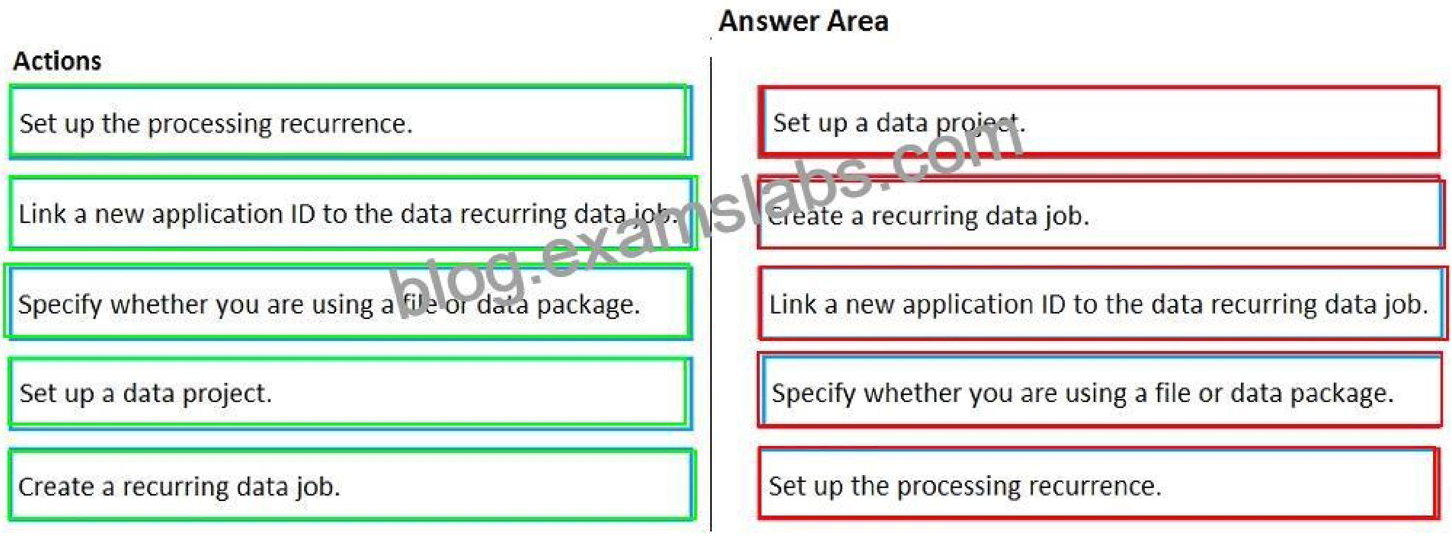
Reference:

https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/perf-test/performance-timer

NEW QUESTION 126

You need to set up a recurring integration to enable file exchanges between Dynamics 365 Finance and a third-party system.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.



1. Set up a data project –

2. Create recurring data job –

3. Link a new application ID to the data recurring job –

4. Specify whether you are using a file or a data package –

5. Set up the processing recurrence

https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/recurring-integrations#create-a-recurring-data-job

NEW QUESTION 127

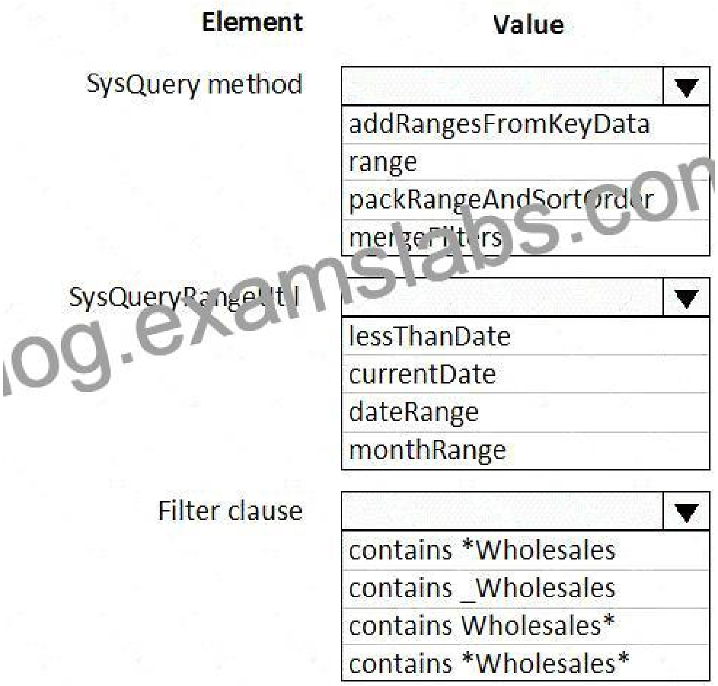
You have a Dynamics 365 Finance and Operations development environment.

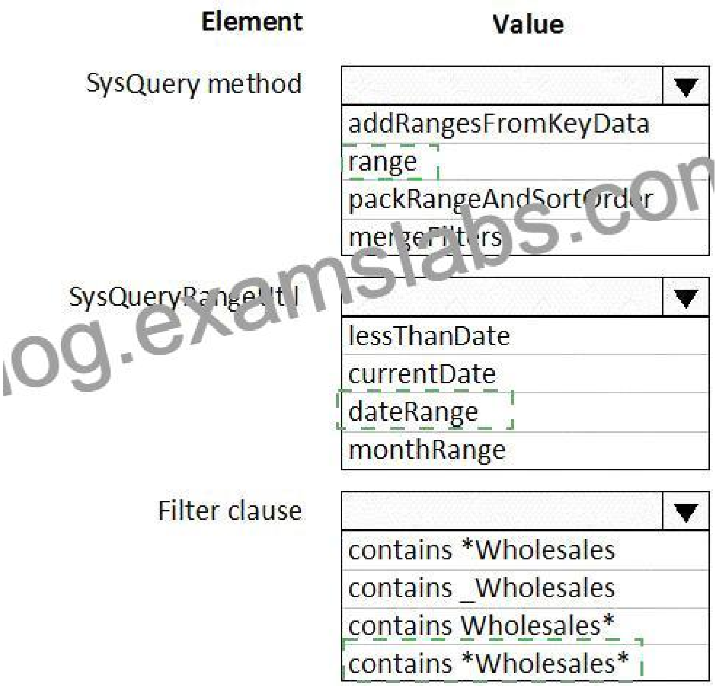
You must add default filters to the fleet management form. You must view only sales that occur in the current sales period and where the Customer name field contains the next Wholesales.

You need to configure filtering.

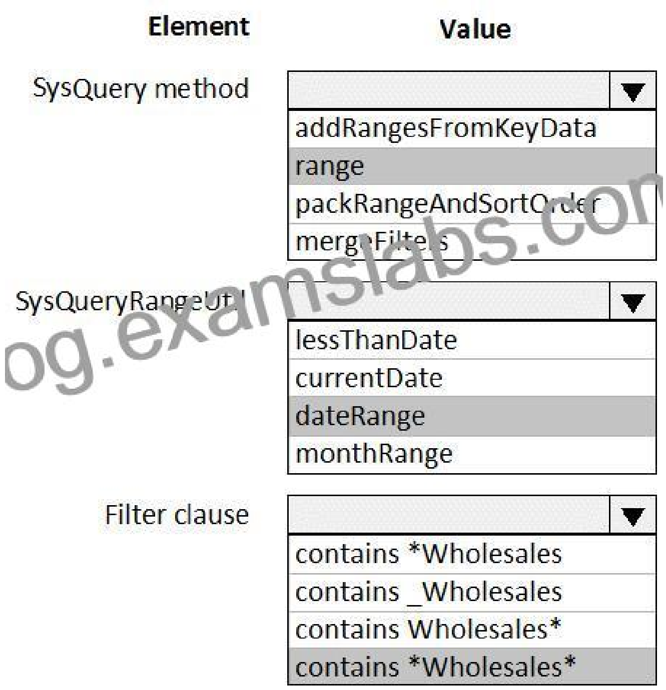
What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.





Explanation



NEW QUESTION 128

A company uses Dynamics 365 finance and operations apps.

You have a custom enumeration named CarType. The enumeration has the following elements: Sedan, SUV.

You must extend CarType and add a new element named MUV to CarType.

You need to develop a solution that meets the requirements.

Solution: Set the is Extensible property to false for the CarType enumeration. Create a new enumeration to add the MUV element.

Does the solution meet the goal?
* Yes
* No

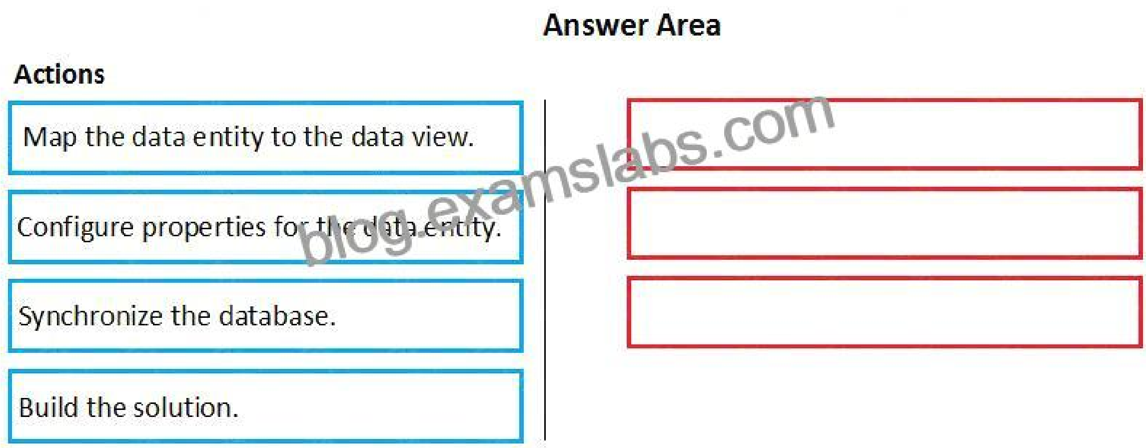
NEW QUESTION 129

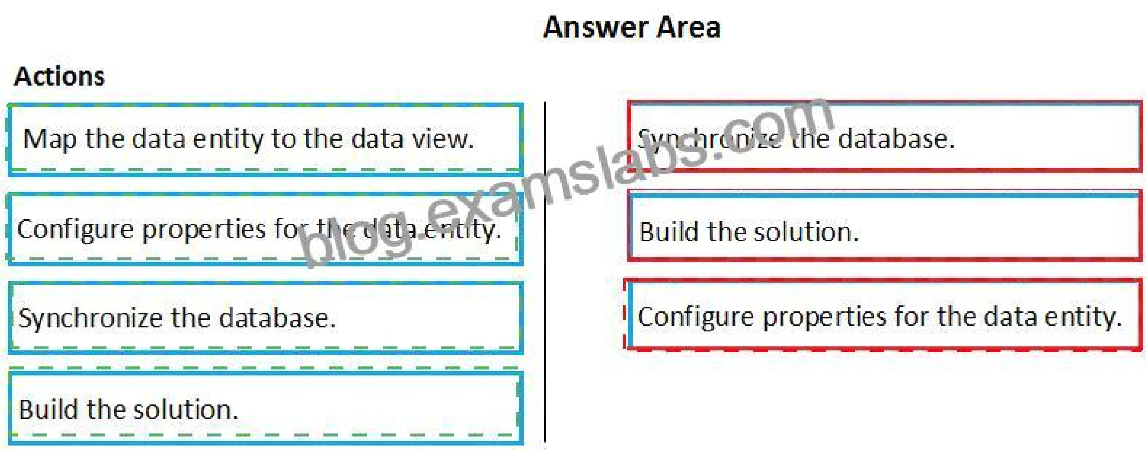
A company uses Dynamics 365 Unified Operations.

Client companies require weekly updates for services performed. You create data entity by using the Data Entity wizard.

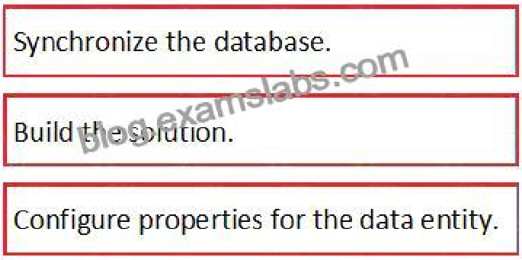
You need to expose a list of services to external business companies.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.





Explanation



Step 1: Synchronize the database

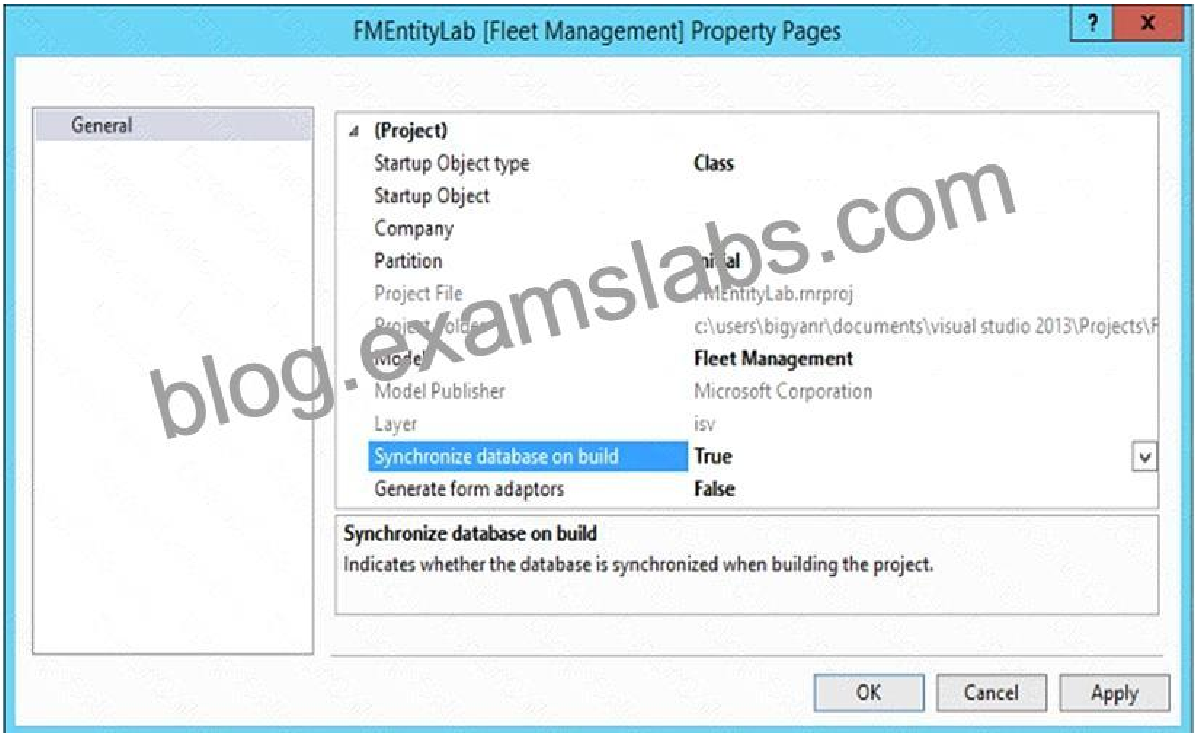
Entities are created as views in Microsoft SQL Server, and staging tables are also added. Therefore, you must sync a database when you build entities.

Step 2: Build the solution

Build your project

In Solution Explorer, right-click your project, and then click Properties.

Change the value of the Synchronize database on build property to True, and then click OK. This property must be set only one time per project.



On the Visual Studio toolbar, click Build > Build Solution to build the project.

Step 3: Configure properties for the data entity

After build visually validate and customize an entity

Reference:

https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/build-consuming-data-entities

NEW QUESTION 130

You are a Dynamics 365 Finance and Operations developer. You are testing a workflow in a user acceptance testing environment.

You need to ensure that a specific user can accept purchase requisitions only if the requisition is in a specific status.

Which two options can you configure to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.
* manual decision
* approval process
* conditional decision
* automated task
* manual task
B: The approval step that you’re configuring might be required only if specific conditions are met.

C: A conditional decision is a point at which a workflow divides into two branches. The system determines which branch is used by evaluating the submitted document to determine whether it meets specific conditions.

Reference:

https://docs.microsoft.com/en-sg/dynamics365/fin-ops-core/fin-ops/organization-administration/configure-conditional-decision-workflow

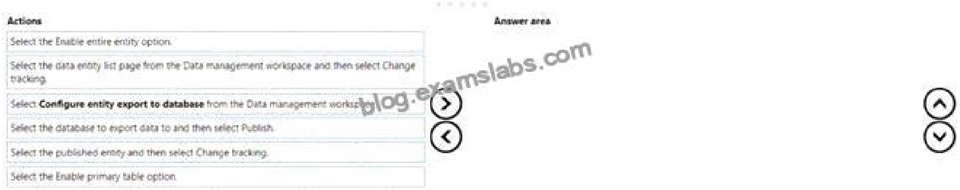
NEW QUESTION 131

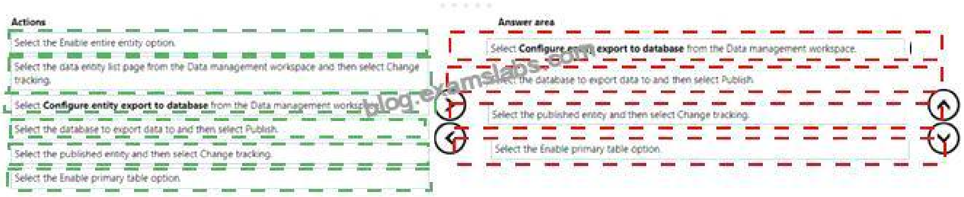
A company uses Dynamics 365 Finance.

The company needs to track deletions of purchase order header records only.

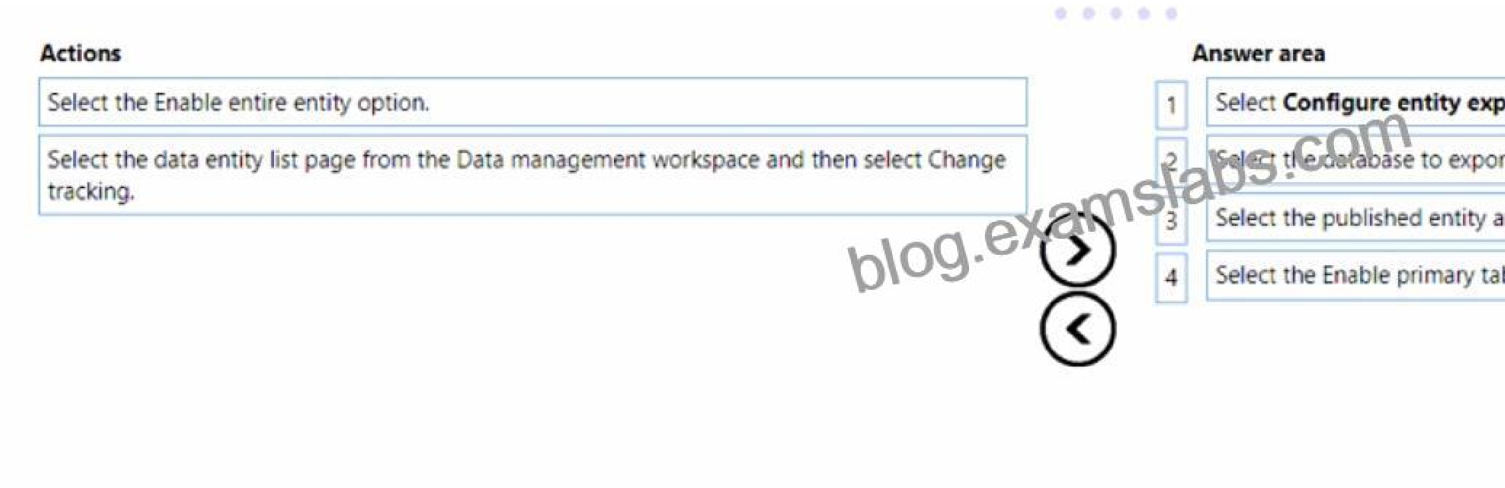
You need to enable the change tracking.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.





Explanation



Career Path for Microsoft MB-500 Exam-Passers **The candidates who manage to pass MB-500 can apply for positions like:** - Software developer;- Software engineer;- Dynamics 365 functional consultant.

The annual salary indicated by ZipRecruiter.com for a Dynamics 365 functional consultant ranges from $72k to $125k. Also, Payscale.com mentions that a software developer can earn a salary of around $72k per year while software engineers can reach a mark of $87k annually.

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