DUMPSQUEEN

Microsoft Power Platform Developer

Microsoft PL-400

Version Demo

Total Demo Questions: 15

Total Premium Questions: 307

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Topic Break Down

Topic	No. of Questions
Topic 2, New Update	119
Topic 3, Case Study 1	2
Topic 4, Case Study 2	4
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Topic 6, Case Study 4	2
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QUESTION NO: 1 - (HOTSPOT)

HOTSPOT

You create a suite of Power Platform-based order management canvas apps for a bakery that has five retail stores. Each store uses a tablet device to manage inventory and process orders.

You need to make the following changes to the original order tracking app:

- When an online order for delivery is received, send the order to the bakery that is located closest to the order destination.
- When an online order for pickup is received, require store staff to enter an estimated time in an app. Staff must prepare the order and then use the app to notify the customer when the order is ready.
- Allow the store manager to personalize the company's corporate weekly newsletter and add store-specific specials.

You must minimize the amount of custom code and configuration required to implement the solution.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement	Implementation option
Determine which store is closest to the order destination.	Power Automate flow Plug-in Logic app
Estimate the time required to prepare an order and notify the customer.	New screen in an existing order canvas app New canvas app New logic app
Send the newsletter by email to customers.	Power Automate flow triggered from an email button Power Automate flow triggered manually Power Automate UI flow triggered from an email button

ANSWER:

Answer Area

Requirement	Implementation option
Determine which store is closest to the order destination.	Power Automate flow Plug-in Logic app
Estimate the time required to prepare an order and notify the customer.	New screen in an existing order canvas app New canvas app New logic app
Send the newsletter by email to customers.	Power Automate flow triggered from an email button Power Automate flow triggered manually Power Automate UI flow triggered from an email button

Explanation:

Box 1: Power Automate flow

Do you want to get the user's location whose location is closest to the current device, then use key is to use Bing Map connector.

The Bing Map connector is available in the following products and regions:

Service	Class	Regions
Logic Apps	Standard	All Logic Apps regions except the following: - Azure China regions
Power Automate	Standard	All Power Automate regions except the following: - US Government (GCC High) - China Cloud operated by 21Vianet
Power Apps	Standard	All Power Apps regions except the following: - US Government (GCC High) - China Cloud operated by 21Vianet

Box 2: New screen in an existing canvas app

Box 3: Power Automate flow triggered from an email button

Incorrect Answers:

UI flows brings Robotic Process Automation (RPA) capabilities to Power Automate. You can use UI flows to automate repetitive tasks in Windows and Web applications. UI flows records and plays back user interface actions (clicks, keyboard input, etc.)

Reference: https://docs.microsoft.com/sv-se/connectors/bingmaps/

QUESTION NO: 2

You deploy a Power Platform plug-in to a production environment. The plug-in code contains detailed tracing information. You are a member of the Environment Maker security role for the environment.

Users report unexpected results when they interact with confidential data by using the plug-in. You confirm that the plug-in works without errors in a development environment.

You need to investigate the root cause of the plug-in errors.

What should you do?

A. Send a PUT request to enable plug-in tracing for the production environment.

B. Send a GET request to retrieve the plugintracelogs records.

C. Install Plug-in profiler in the production environment by using the Plug-in Registration tool.

D. Reproduce and capture the errors, then debug from Visual Studio.

ANSWER: C

Explanation:

Plug-in profiler is a solution that you can install on your environment that enables you to capture the execution context of a plug-in and then use that data to re-play the event within Visual Studio while debugging.

There are two tools available from which to run the Plug-in Profiler: the Plug-in Registration Tool and Power Platform Tools for Visual Studio.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/tutorial-debug-plug-in

QUESTION NO: 3

A university has implemented Dynamic 365 Sales. Several department use opportunity records to bid for funding for project within their departments.

Each department’s opportunities are not visible to other departments. However, there are times two departments needs to work together on an opportunity.

You need to configure the security to meet the business requirements.

Solution: Use position hierarchy security and define the two departments as positions.

Does the solution meet the goal?

A. Yes

B. No

ANSWER: A

Explanation:

Two security models can be used for hierarchies, the Manager hierarchy and the Position hierarchy. The Position hierarchy allows data access across business units. If you are a financial organization, you may prefer the Manager hierarchy model, to prevent managers' accessing data outside of their business units. However, if you are a part of a customer service organization and want the managers to access service cases handled in different business units, the Position hierarchy may work better for you.

Note: The hierarchy security model is an extension to the existing security models that use business units, security roles, sharing, and teams. It can be used in conjunction with all other existing security models. The hierarchy security offers a more granular access to records for an organization and helps to bring the maintenance costs down.

Reference:

https://docs.microsoft.com/en-us/power-platform/admin/hierarchy-security

QUESTION NO: 4

You are implementing custom business logic in a Power Apps portal.

You need to use Liquid templates to display dynamic content.

To which three entities can you include Liquid code? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Content snippet

B. Web page

C. Web template

D. Page template

E. Portal settings

ANSWER: B C D

Explanation:

Liquid is an open-source template language integrated into portals. It can be used to add dynamic content to pages, and to create a wide variety of custom templates. Using Liquid, you can:

Note: page is one of the available liquid objects.

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/portals/liquid/liquid-overview

https://docs.microsoft.com/en-us/powerapps/maker/portals/liquid/liquid-objects#page

QUESTION NO: 5 - (DRAG DROP)

DRAG DROP

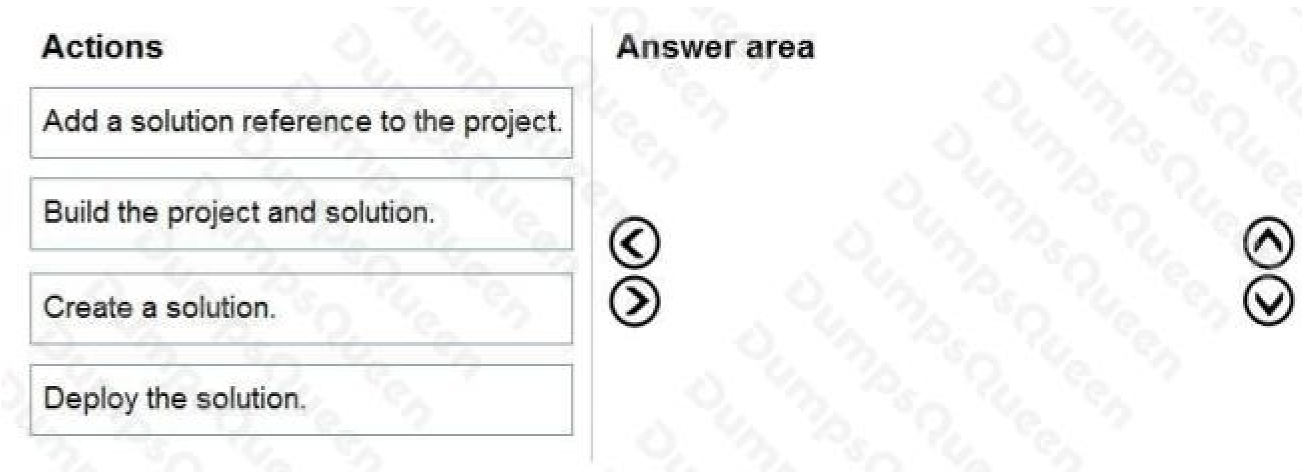
You are developing a new Power Apps Component Framework (PCF) control.

The control must be deployed to a development environment by using the Power Apps CLI and a new solution.

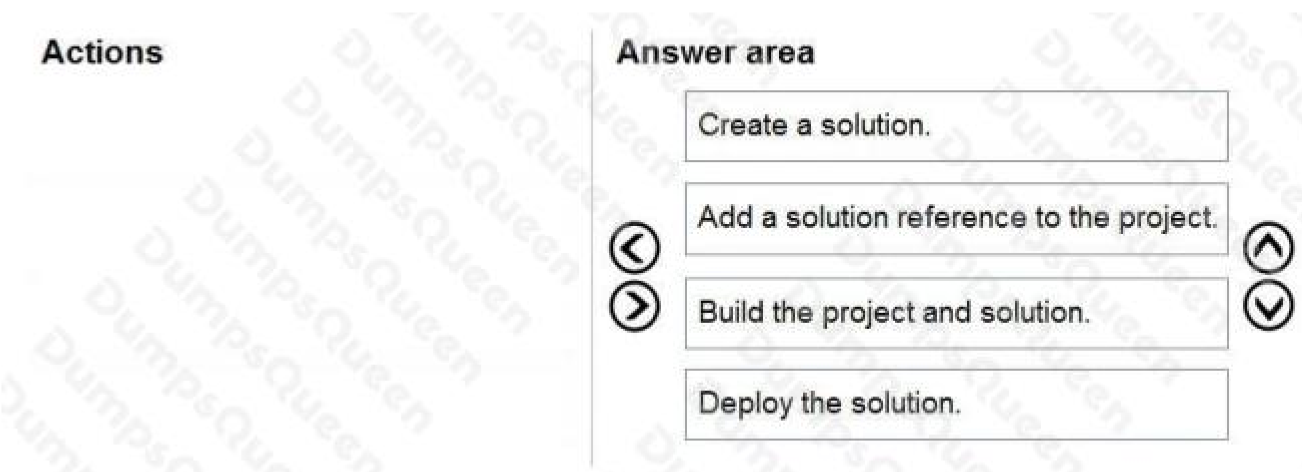
You need to deploy the PCF control.

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

Select and Place:



ANSWER:



Explanation:

Step 1: Create a solution

Create a new solutions project using the following command. The solution project is used for bundling the code component into a solution zip file that is used for importing into Dataverse. pac solution init --publisher-name developer --publisher-prefix dev

Step 2: Add a solution reference to the project

Once the new solution project is created, refer the Solutions folder to the location where the created sample component is located. You can add the reference using the command shown below. This reference informs the solution project about which code components should be added during the build. You can add references to multiple components in a single solution project. pac solution add-reference --path c:\downloads\mysamplecomponent

Step 3: Build the project and solution

To generate a zip file from the solution project, go into your solution project directory and build the project using the following command. msbuild /t:build /restore Step 4: Deploy the solution

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/component-framework/import-custom-controls

QUESTION NO: 6

You are creating a Power Automate flow.

You create an Azure Service Bus listener app that receives requests from a third-party application.

When the flow calls the message queue, it must delete the message as soon as it is read.

You need to ensure that the queue is cleared properly.

Which method or class should you use?

A. ReceiveMode

B. BrokeredMessage

C. EventHubReceiver

D. EventHubSender

ANSWER: A

Explanation:

ReceiveMode enumerates the values for the receive mode. The default is PeekLock.

Fields:

PeekLock: Specifies the PeekLock receive mode. This is the default value for ReceiveMode. ReceiveAndDelete: Specifies the ReceiveAndDelete receive mode.

Note: You can specify two different modes in which Service Bus receives messages.

▪ Receive and delete. In this mode, when Service Bus receives the request from the consumer, it marks the message as being consumed and returns it to the consumer application. ▪ Peek lock.

Reference: https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-queues-topics-subscriptions https://docs.microsoft.com/en-us/dotnet/api/microsoft.servicebus.messaging.receivemode

QUESTION NO: 7

You deploy a Power Platform plug-in to a production environment. The plug-in code contains detailed tracing information. You are a member of the Environment Maker security role for the environment.

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D. Reproduce and capture the errors, then debug from Visual Studio.

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Explanation:

Plug-in profiler is a solution that you can install on your environment that enables you to capture the execution context of a plug-in and then use that data to re-play the event within Visual Studio while debugging.

There are two tools available from which to run the Plug-in Profiler:

the Plug-in Registration Tool and Power Platform Tools for Visual Studio.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/tutorial-debug-plug-in

QUESTION NO: 8 - (HOTSPOT)

HOTSPOT

You need to analyze and identify the issues that solution checker identifies.

What is the missing or bad code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Issue	Action
Code set 1	Modify code at line CS102 to select only required columns Change the code at line CS104 to query.ColumnSet = AllColumns Replace the code at line CS101 with the following code: AllColumns = new ColumnSet();
Code set 2	Add the following code at line CS203: request.KeepAlive = false; Add the following code at line CS203: request.KeepAlive = true; Add the following code at line CS203: response.KeepAliveEnabled = true; Add the following code at line CS203: response.KeepAliveEnabled = false;

ANSWER:

Answer Area

Issue	Action
Code set 1	Modify code at line CS102 to select only required columns Change the code at line CS104 to query.ColumnSet = AllColumns Replace the code at line CS101 with the following code: AllColumns = new ColumnSet();
Code set 2	Add the following code at line CS203: request.KeepAlive = false; Add the following code at line CS203: request.KeepAlive = true; Add the following code at line CS203: response.KeepAliveEnabled = true; Add the following code at line CS203: response.KeepAliveEnabled = false;

Explanation:

Box 1: Change the code at line CS104 to query.CounnSet = AllColumns Scenario: Error Message: il-specify-column

Symptoms

Retrieving all columns can cause:

▪ Performance issues due to the amount of data being retrieved ▪ Unintended plug-in/process execution

Guidance

For optimal performance, you should only select the minimum amount of data needed by your application when querying Microsoft Dataverse data.

ColumnSet Parameter

When you use the IOrganizationService.Retrieve method set the columnSet parameter to a ColumnSet instance with specified columns. When you use QueryExpression set the ColumnSet property with the required attributes.

Box 2: Add the following code at line CS203: request.KeepAlive =false; Scenario: Error message: ll-turn-off-keepalive

Symptoms If a plug-in makes external web requests and is trying to use KeepAlive on a closed connection, the plug-in will ultimately fail to execute the web request. If the plug-in is registered:

Synchronously, users may experience:

- Unresponsive model-driven apps
- Slow client interactions
- The browser stops responding

Asynchronously, plug-in executions may take an extended period of time before failing.

Guidance

In HTTP 1.1, all connections are considered persistent (KeepAlive is true) unless declared otherwise. Due to the fact that plug-ins run in isolation, the Sandbox service translates into them being short-lived executions that generally would not benefit from KeepAlive. To avoid problems with connecting to external services we recommend disabling KeepAlive within plug-ins. This is done by setting KeepAlive to false.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/best-practices/business-logic/set-keepalive-false-interacting-external-hosts-plugin https://docs.microsoft.com/en-us/powerapps/developer/data-platform/best-practices/work-with-metadata/retrieve-specific-columns-entity-via-query-apis

QUESTION NO: 9

You are creating a Power Apps app that retrieves customer information from Azure Active Directory when you use the app to look up a customer record.

You create an Azure Function by using JSON code to retrieve the customer information.

You need to make the application work.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Create a Power Automate flow to import data.

B. Create a custom connector that uses the Azure Function API.

C. Copy your JSON code to the app.

D. Create a custom connector that uses the JSON code.

E. Create an API definition for the Azure Function.

ANSWER: B E

Explanation:

E: Before exporting an API, you must describe the API using an OpenAPI definition.

B: This OpenAPI definition contains information about what operations are available in an API and how the request and response data for the API should be structured. PowerApps and Microsoft Flow can create custom connectors for any OpenAPI 2.0 definition.

Reference: https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/azure-functions/app-service-export-api-to-powerapps-and-flow.md

QUESTION NO: 10

A company plans to replicate a Dynamics 365 Sales database into an Azure SQL Database instance for reporting purposes. The data Export Service solution has been installed.

You need to configure the Data service.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Enable auditing for all entities that must be replicated to Azure SQL Database.

B. Create an export profile that specifies all the entities that must be replicated.

C. Set up server-based integration.

D. Enable change tracking for all entities that must be replicated to Azure SQL Database.

E. Create an Azure SQL Database service in the same tenant as the Dynamics 365 Sales environment.

Answer: BDE

Explanation:

Reference:

https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database

A. Create an export profile that specifies all the entities that must be replicated.

B. Set up server-based integration.

C. Enable change tracking for all entities that must be replicated to Azure SQL Database.

D. Create an Azure SQL Database service in the same tenant as the Dynamics 365 Sales environment.

ANSWER: A C D

Explanation:

Reference:

https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database

QUESTION NO: 11 - (DRAG DROP)

DRAG DROP

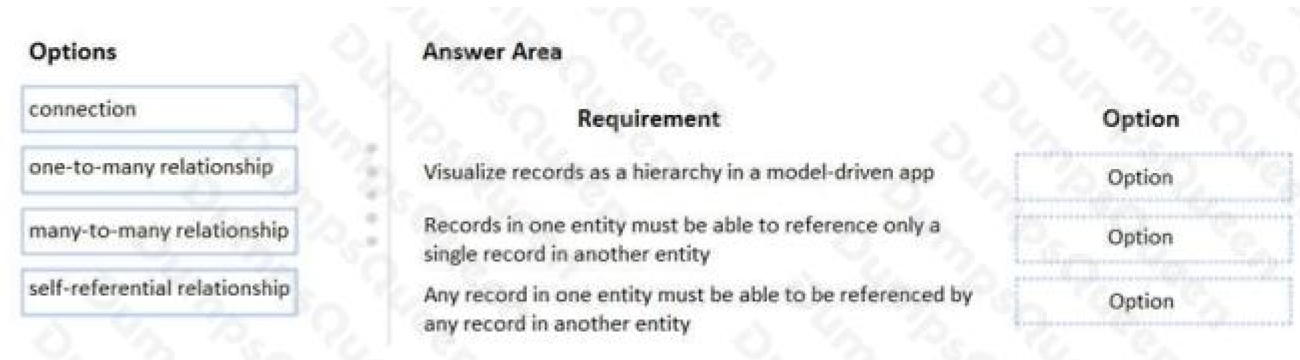
A company is creating a new system based on Common Data Service.

You need to select the features that meet the company's requirements.

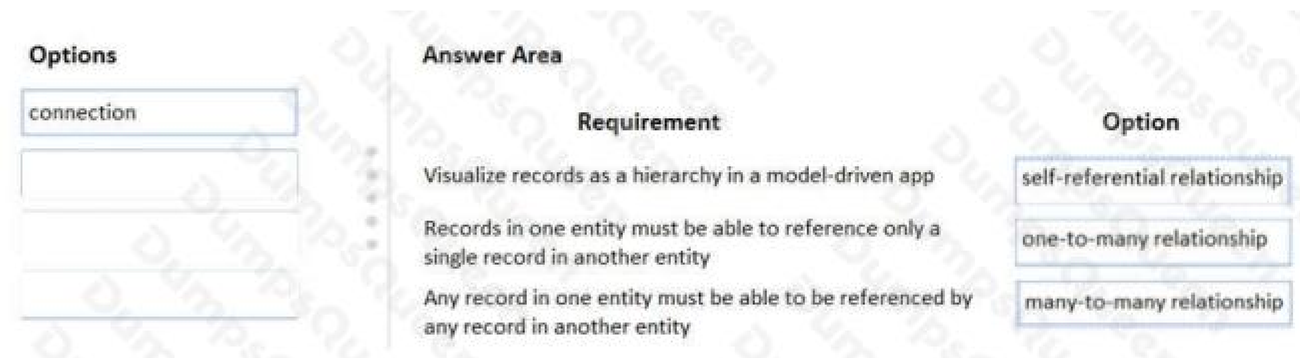
Which options should you use? To answer, drag the appropriate options to the correct requirements. Each option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



ANSWER:



Explanation:

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/create-edit-entity-relationships

QUESTION NO: 12

You are creating an integration that uses an Azure function to create records in the Common Data Service when leads are submitted from your company website.

You create and configure a Common Data Service application user.

You do not have administrator access to the Common Data Service environment you are using for access to Azure Active Directory. Company policy dictates that service accounts must be used for integrations, and integrations must not be granted privileges beyond what is needed.

You need to recommend actions that an administrator should perform to configure access for the Azure Function.

Which three actions should you perform? Each correct selection presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Create an application registration in Azure Active Directory.

B. Assign the system administrator security role to the application user.

C. Assign the Power Platform administrator role to the application user in Azure Active Directory.

D. Create a new security role with the minimum required permissions and assign to the application user.

E. Grant the application delegated permissions to the Dynamics CRM API in Azure Active Directory.

F. Deploy Azure B2B guest permissions to the application user.

ANSWER: A D E

Explanation:

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/walkthrough-register-app-azureactive-directory

QUESTION NO: 13

As part of the month-end financial closing process, a company uses a batch job to copy all orders into a staging database.

The staging database is used to calculate any outstanding amounts owed by clients, and must process all historical data.

You need to ensure that only the data affected during the month is included in the integration process.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Use change tracking on the orders and run the integration to retrieve new orders and the orders that have the total amount changed in the last month.

B. Create a system view with the orders that have the Modified On field in the last month and run the integration on this subset.

C. Use change tracking on the order lines and run the integration every week and retrieve only the order lines that have been created or deleted in the last month.

D. Create a system view with the order lines that have the Modified On field in the last month and run the integration on this subset.

ANSWER: C D

Explanation:

C: The change tracking feature in Microsoft Dataverse provides a way to keep the data synchronized in an efficient manner by detecting what data has changed since the data was initially extracted or last synchronized. Deletions and creations are tracked.

D: On modified Order Lines, not on Modified Orders.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/use-change-tracking-synchronize-data-external-systems

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/behavior-format-date-time-attribute

QUESTION NO: 14

You are a Dynamics 365 developer working on a model-driven app.

You add a button to an entity form and to the view for the entity that calls a JavaScript function. When you click the button, it results in an error.

You determine that the JavaScript function is calling another JavaScript function in a different web resource.

You need to resolve the error.

What should you do?

A. In the JavaScript web resource, add the missing web resource as a dependency.

B. Add &ribbondebug=true to the app URL and run the Command Checker tool.

C. From the Ribbon Workbench, add the missing JavaScript web resource as a CustomRule in EnableRules.

ANSWER: C

Explanation:

When configuring ribbon elements, you can define specific rules to control when the ribbon elements are enabled.

Custom Rule uses the element. Use this kind of rule to call a function in a Script (JScript) web resource that returns a Promise (Unified Interface) or boolean (Unified Interface and web client).

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/define-ribbon-enable-rules

QUESTION NO: 15

An organization implements Dynamics 365 Sales.

You need to trigger a business rule when the main form in saved.

What should you do?

A. Write a business rule to trigger on a change of ModifiedOn field.

B. Set the scope of the business rule to one specific form where business rule triggers.

C. Set the scope of the business rule to All Forms.

D. Set the scope of the business rule to Entity.

ANSWER: D

Explanation:

Set scope of business rule to "Entity" instead of "All Form". This will trigger it on server side.

Reference: https://docs.microsoft.com/en-us/previous-versions/dynamicscrm-2016/developers-guide/dn481574(v=crm.8)