

# DUMPS ARENA

## Microsoft Power Apps + Dynamics 365 Developer

Microsoft MB-400

Version Demo

Total Demo Questions: 10

Total Premium Questions: 60

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## Topic Break Down

Topic	No. of Questions
Topic 1, Case Study 1	3
Topic 2, Case Study 2	3
Topic 3, Case Study 3	3
Topic 4, Mixed Questions	51
<b>Total</b>	<b>60</b>

**QUESTION NO: 1**

A company has two development instances, two test instances, two staging instances, and one production instance.

The test team reports connection issues with the test and staging instances.

You need to identify which if the instances the testing team currently has access.

Which two URLs can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. <https://myorg.api.crm.dynamics.com/api/data/v.9.1/>
- B. <https://dev.crm.dynamics.com/api/discovery/v9.1/Instances>
- C. [https://dev.crm.dynamics.com/api/discovery/v9.1/Instances\(UniqueName='myorg'\)](https://dev.crm.dynamics.com/api/discovery/v9.1/Instances(UniqueName='myorg'))
- D. <https://disco.crm.dynamics.com/api/discovery/v9.1/>
- E. <https://globaldisco.crm.dynamics.com/api/discovery/v9.1/Instances>

**ANSWER: C E****Explanation:**

C: Organization information is stored in the Instance entity of the Discovery service. To see the kind of information contained in that entity, send an HTTP GET request to the service for one of your instances. GET [https://dev.{servername}/api/discovery/v9.0/Instances\(UniqueName='myorg'\)](https://dev.{servername}/api/discovery/v9.0/Instances(UniqueName='myorg'))

In the above example, the discovery service is used to obtain the organization information of the instance with a unique name of "myorg".

Reference: <https://docs.microsoft.com/en-in/dynamics365/customerengagement/on-premises/developer/webapi/discover-url-organization-web-api> <https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/webapi/samples/global-discovery-service-csharp>

**QUESTION NO: 2 - (HOTSPOT)****HOTSPOT**

You need to complete a PowerApps component framework (PCF) control.

How should you define the order in the manifest? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Hot Area:**

## Answer Area

```
<resources>  
  <code path="scripts/HelloWorldControlWave.js" order="1"/>  
  <code path="scripts/HelloWorldControlRandom.js" order="2"/>  
  <css path="style/HelloWorldControl.css" order=""  
  <html path="HelloWorldControlWaveRandom.htm" order=""  
</resources>
```

▼
1
2
3

▼
1
2
3

**ANSWER:**

## Answer Area

```
<resources>  
  <code path="scripts/HelloWorldControlWave.js" order="1"/>  
  <code path="scripts/HelloWorldControlRandom.js" order="2"/>  
  <css path="style/HelloWorldControl.css" order=""  
  <html path="HelloWorldControlWaveRandom.htm" order=""  
</resources>
```

▼
1
2
3

▼
1
2
3

## Explanation:

The order property specifies the order of a flexible item relative to the rest of the flexible items inside the same container.

Reference: [https://www.w3schools.com/jsref/prop\\_style\\_order.asp](https://www.w3schools.com/jsref/prop_style_order.asp)

## QUESTION NO: 3 - (DRAG DROP)

## DRAG DROP

User1 and User2 use a form named F1 to enter account data. Both users have the same security role, SR1, in the same business unit.

User1 has a business rule to make the main phone mandatory if the relationship type is Reseller. User2 must occasionally create records of the Reseller type without having the reseller's phone number and is blocked by User1's business rule.

You need to ensure that User2 can enter reseller data into the system.

Which three actions should 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.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct order you select.

### Select and Place:

Actions	Answer Area
Copy the security role as SR2. Assign the SR2 security to User2 and remove the original security role SR1.	
Open form F1 and save it as a form named F2.	
Remove the business role from form F2.	⏪
Set the SR1 security role to be the only role for form F1 and the SR2 role to be the only role for form F2.	⏩
Create a business rule for form F2 to make the phone number optional for resellers.	⏪

### ANSWER:

Actions	Answer Area
Copy the security role as SR2. Assign the SR2 security to User2 and remove the original security role SR1.	Open form F1 and save it as a form named F2.
Open form F1 and save it as a form named F2.	Remove the business role from form F2.
Remove the business role from form F2.	Create a business rule for form F2 to make the phone number optional for resellers.
Set the SR1 security role to be the only role for form F1 and the SR2 role to be the only role for form F2.	⏪
Create a business rule for form F2 to make the phone number optional for resellers.	⏩

### Explanation:

## QUESTION NO: 4

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.

A Common Data Service (CDS) environment has two custom entities named Building code and Work item. Building code has a code date custom field and Work item has an elapsed time custom field. Construction workers use a consolidated custom form with data from both entities to fill in their daily work items.

A JavaScript library is used with these custom entities and fields to apply complex logic.

You need to ensure that the JavaScript library continues to function as originally designed if other developers expand the environment.

Solution:

- In the Building code form, add the JavaScript library in the events tab and the Code date field to the non-event dependencies.
- In the Work item form, add the JavaScript library in the Events tab and the Elapsed time field to the non-event dependencies.

Does the solution meet the goal?

A. Yes

B. No

**ANSWER: B**

**Explanation:**

Instead, in the JavaScript library, add Building code with Code date and Work item with Elapsed time in the dependencies tab.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/web-resource-dependencies>

**QUESTION NO: 5 - (HOTSPOT)**

HOTSPOT

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

```
01 function displayIconTooltip(rowData, userLCID)
02 {
03   var imgName = "";
04   var tooltip = "Relationship Health";
05   var str = JSON.parse(rowData);
06   var prevrev = str.new_previousyearannualrevenue_Value;
07   var rev = str.revenue_Value;
08   var health = parseFloat(rev) - parseFloat(prevrev);
09   if (health > 0)
10     imgName = "new_good";
11   else if (health == 0)
12     imgName = "new_warm";
13   else
14     imgName = "new_bad";
15   var resultarray = [imgName, tooltip];
16   return resultarray;
17 }
```

The Annual Revenue view column is configured to call the function as shown in the Column Properties exhibit. (Click the Change Column Properties tab.)

## Change Column Properties ✕

The properties of the selected column are listed below. You can change the width in pixels of the column.

Entity Name: Account

Column Title: Annual Revenue

Data Type: Currency

Name: revenue

Web Resource:

Function Name:

### Select a width for this column:

- 25px
- 50px
- 75px
- 100px
- 125px
- 150px
- 200px
- 300px

Users report that the icons that appear in the Active Account view are incorrect, as shown in the Active Accounts View exhibit. (Click the Active Accounts View tab.)

Account Name	Annual Revenue	Address 1: Street	Address 1: City	Address 1: ZIP	Primary Contact	Open Amount
Ac Tellus Suspendisse Foundation	£10,000.00					£0.00
Adipiscing Eit Aliquam Inc.	£15,000.00					£0.00
Adventure Works (sample)	£60,000.00	4405 Balboa Court	Santa Cruz	95486	Nancy Anderson (s...)	£0.00
Aliquet Limited	£8,000.00					£0.00
Aliquet Proin Ltd	£75,000.00					£0.00
Alpine Ski House (sample)	£90,000.00	2313 B Southampton	Missoula	58047	Paul Cannon (sam...)	£30,000.00
Amazon Web Services (AWS)	£5,000.00					£0.00

You need to determine why the incorrect icons are being displayed.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Hot Area:

Answer Area

Statements

Yes

No

If the Previous Year Annual Revenue column is in the Active Accounts view but has a null value, the selected imgName is set to **new\_good** for Accounts that have an Annual Revenue greater than 0.

If the Previous Year Annual Revenue column is included in the Active Accounts view, and exception is raised and an error is displayed.

The userLCID can be used to gain access to users' Language settings in personal options and change the tooltip to their chosen language.

The imgName refers to an image that is a URL to an external image file.

ANSWER:

## Answer Area

## Statements

Yes

No

If the Previous Year Annual Revenue column is in the Active Accounts view but has a null value, the selected imgName is set to **new\_good** for Accounts that have an Annual Revenue greater than 0.

If the Previous Year Annual Revenue column is included in the Active Accounts view, and exception is raised and an error is displayed.

The userLCID can be used to gain access to users' Language settings in personal options and change the tooltip to their chosen language.

The imgName refers to an image that is a URL to an external image file.

## Explanation:

Box 1: No parseFloat will return 'NaN' if it's not a number (null and undefined are NaNs).

Box 2: No

Box 3: Yes

Session.userLCID is the Locale ID for the ASP application.

Box 4: Yes

Reference: <https://support.microsoft.com/en-us/help/229690/how-to-set-the-asp-locale-id-per-the-browser-s-language-settings>

## QUESTION NO: 6

A client uses a model-driven app that is deployed by using a managed solution in the production environment. The app contains only entities and UI components and has no custom code or extensions to the platform.

The client needs an exact copy of the app with a different name in the production environment.

You need to recreate this app in production without disrupting the end users.

What should you do?

**A.** Select the original model-driven app, select Edit, and then select Save As.

**B.** Create a new model-driven app. Select the Use existing solution to create the App check box, and then select the solution that contains the original app.

- C. Select the managed solution and select Clone.
- D. Create a new model-driven app, manually add each component, and then recreate its original functions.
- E. Add the original app to a solution, export it as unmanaged, import it into a test environment and rename it, and then deploy it back into production.

**ANSWER: B**

**Explanation:**

The option Use existing solution allow users to select a specific solution for this app. Users can create a whole new design from scratch by not checking check box of use existing solution.

Reference: <https://www.inogic.com/blog/2019/02/create-model-driven-app-cds-environment/>

**QUESTION NO: 7**

You need to replace the bicycle inspection forms.

Which two solutions should you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a canvas app that guides the technician through the inspection
- B. a logic app that guides the technician through the inspection
- C. a flow that maps inspection data to Dynamics 365 for Field Service
- D. a model-driven app based on customer service entities

**ANSWER: C D**

**Explanation:**

Scenario: The Adventure Works Cycles retail location performs bicycle inspections and performance tune-ups. Technicians use paper forms to document the bicycle inspection performed before a tune-up and any additional work performed on the bicycle.

C: The Dynamics 365 Field Service business application helps organizations deliver onsite service to customer locations. The application combines workflow automation, scheduling algorithms, and mobility to set mobile workers up for success when they're onsite with customers fixing issues.

D: Model-driven apps are good for creating end-to-end solutions. For example, after a customer service support ticket has been created, it must be routed, addressed, updated, marked as complete, and so on. There will likely be quite a few teams, roles, and processes involved in this complete cycle of case resolution, which would require a model-driven app.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/field-service/overview> <https://us.hitachi-solutions.com/blog/canvas-vs-model-driven-apps/> Configure Common Data Service

**QUESTION NO: 8 - (DRAG DROP)**

DRAG DROP

A developer must register a step using the Plug-in registration tool.

You need to associate the correct Event Pipeline Stage of Execution with its purpose.

Which stage should you associate with each description? To answer, drag the appropriate stages to the correct descriptions. Each stage 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:**

Stages	Answer Area								
PreValidation	<table border="1"><thead><tr><th>Description</th><th>Stage</th></tr></thead><tbody><tr><td>Cancel the operation before the database transaction.</td><td>Stage</td></tr><tr><td>Change any values for an entity within the database transaction.</td><td>Stage</td></tr><tr><td>Modify any properties of the message before it returns to the caller.</td><td>Stage</td></tr></tbody></table>	Description	Stage	Cancel the operation before the database transaction.	Stage	Change any values for an entity within the database transaction.	Stage	Modify any properties of the message before it returns to the caller.	Stage
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Change any values for an entity within the database transaction.	Stage								
Modify any properties of the message before it returns to the caller.	Stage								
PreOperation									
MainOperation									
PostOperation									

**ANSWER:**

Stages	Answer Area								
PreValidation	<table border="1"><thead><tr><th>Description</th><th>Stage</th></tr></thead><tbody><tr><td>Cancel the operation before the database transaction.</td><td>PreValidation</td></tr><tr><td>Change any values for an entity within the database transaction.</td><td>PreOperation</td></tr><tr><td>Modify any properties of the message before it returns to the caller.</td><td>PostOperation</td></tr></tbody></table>	Description	Stage	Cancel the operation before the database transaction.	PreValidation	Change any values for an entity within the database transaction.	PreOperation	Modify any properties of the message before it returns to the caller.	PostOperation
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PreOperation									
MainOperation									
PostOperation									

**Explanation:**

The event pipeline allows you to configure when in the event the plug-in code will execute. The event pipeline is divided into the following events and stages:

## Box 1: PreValidation

### Pre-event/Pre-Validation

This stage executes before anything else, even before basic validation if the triggering action is even allowed based on security. Therefore, it would be possible to trigger the plug-in code even without actually having permission to do so and great consideration must be used when writing a pre-validation plug-in. Also, execution in this stage might not be part of the database transaction.

Examples:- security checks being performed to verify the calling or logged on user has the correct permissions to perform the intended operation.

## Box 2: PreOperation

### Pre-event/Pre-Operation

This stage executes after validation, but before the changes has been committed to database. This is one of the most commonly used stages.

Example uses:

If an "update" plug-in should update the same record, it is best practice to use the pre-operation stage and modify the properties. That way the plug-in update is done within same DB transaction without needing additional web service update call.

## Box 3: PostOperation

Plug-ins which are to execute after the main operation. Plug-ins registered in this stage are executed within the database transaction.

This stage executed after changes have been committed to database. This is one of the most used stages.

Example uses:

Most of the "Create" plugins are post-event. This allows access to the created GUID and creation of relationships to newly created record.

Incorrect Answers:

MainOperation:- main operation of the system, such as create, update, delete, and so on. No custom plug-ins can be registered in this stage.

Reference: <https://community.dynamics.com/crm/f/microsoft-dynamics-crm-forum/216569/ms-crm-plugin-execution-pipeline>

## QUESTION NO: 9

A financial services company uses the Common Data Service (CDS) to develop solutions. The company uses development and production instances.

You need to move solutions from the development instance to the production instance.

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. Export all managed solutions from the development instance and import the solutions into the production instance.
- B. In the development instance, make changes to the solutions that are deployed in the production instance, export the solutions as managed solutions, and import the managed solutions into the production instance.
- C. In the production instance, import solutions with the same version number or higher when updating solutions.
- D. In the development instance, highlight the solution you want to make changes to, select Clone a Path, make changes, export the solution, and import the solution into the production instance.

**ANSWER: C D**

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/power-platform/admin/wp-solution-packages>

**QUESTION NO: 10**

You need to modify Microsoft Flow to resolve CustomerC's issue.

What should you do?

- A. Add a condition containing approval hierarchy.
- B. Add a timeout setting to the approval flow.
- C. Add a configure run that is set to is successful.
- D. Add a data operation that specifies the false conditions.

**ANSWER: B**

**Explanation:**

Scenario: CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later.

Imagine having a process where you want to give someone a couple of days to reply to an approval. If that someone doesn't respond in time, you want to assign a new approval to another person or group of people. To achieve this you can set the timeout in the action settings.

Reference: <https://www.o365dude.com/2018/06/02/timeout-flow-approvals/>