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Microsoft MB-820 Exam Syllabus Topics:

Topic	Details
Topic 1	• Develop by using AL objects: Building and extending tables and reports is discussed in this topic. It also explains Designing and creating an XMLport. Lastly, it discusses how to work with entitlement and permission set objects.
Topic 2	• Develop by using AL: How to Customize the UI experience and Use AL for business central extension is discussed here. It also delves into explaining the essential development standards.
Topic 3	• Work with development tools: Implementing semi-automated test processes and managing and assessing telemetry are its sub-topics.
Topic 4	• Integrate Business Central with other applications: Accessing Representational State Transfer (REST) services is discussed in this topic. It also explains implementation of APIs.

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Pass Guaranteed 2026 Efficient Microsoft MB-820: Microsoft Dynamics 365 Business Central Developer Quiz

PremiumVCEDump Microsoft Dynamics 365 Business Central Developer (MB-820) PDF exam questions file is portable and accessible on laptops, tablets, and smartphones. This pdf contains test questions compiled by experts. Answers to these pdf questions are correct and cover each section of the examination. You can even use this format of Microsoft Dynamics 365 Business Central Developer questions without restrictions of place and time. This Microsoft MB-820 Pdf Format is printable to read real questions manually. We update our pdf questions collection regularly to match the updates of the Microsoft MB-820 real exam.

Microsoft Dynamics 365 Business Central Developer Sample Questions (Q22-Q27):

NEW QUESTION # 22

A company plans to deploy Business Central.
The company has the following deployment requirements:
* Use the company hardware architecture to run the deployment.
* Use sandbox environments to develop extensions.
* Allow tenants to connect to Shopify with the standard connector.
* Use Microsoft Power Automate to create a workflow that calls a business event.
You need to identify the deployment type for each requirement.
Which deployment types should you use? To answer, move the appropriate deployment types to the correct requirements. You may use each deployment type once, more than once, or not at all.

Answer:

Explanation:

Explanation:
* Use the company hardware architecture to run the deployment: On-premises
* Use sandbox environments to develop extensions: Online
* Allow tenants to connect to Shopify with the standard connector: Online
* Use Microsoft Power Automate to create a workflow that calls a business event: Online When deploying Microsoft Dynamics 365 Business Central, there are two main deployment types to consider:
On-premises and Online.
* On-premises Deployment:
* The requirement to use the company's hardware architecture implies a need for an on-premises deployment. This is because on-premises deployment allows for the application to be installed and run directly from the company's in-house servers and computing infrastructure, giving full control over the environment and data.
* Online Deployment:
* The use of sandbox environments for developing extensions is a feature provided in the online version of Business Central. Sandbox environments are a part of the service offered in the cloud- based version, which allows developers to test and develop without affecting the live environment.
* Connection to Shopify with the standard connector implies an online deployment. The standard connector is typically a cloud-based service that allows Business Central to connect with other cloud platforms like Shopify, which is more seamlessly integrated with the online version.
* Lastly, the use of Microsoft Power Automate to create a workflow that calls a business event suggests an online deployment. Power Automate is a cloud-based service designed to create automated workflows between applications and services - which aligns with the services provided by the online version of Business Central.
Therefore, each requirement aligns with the deployment types as indicated above.

NEW QUESTION # 23
You need to implement the Issue Management module and expose the PostIssue method.
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.
NOTE: Note than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Answer:

Explanation:

Topic 3, Fabrikam Inc
Company background and technical environment
Current environment
Fabrikam Inc. is a medium-sized company that plans to implement Dynamics 365 Business Central as an ERP system. The company has a development department that will help with the ERP implementation.
Most employees work remotely from different countries or regions and speak different languages. The various locations and languages cause issues with the current on-premises software.
Planned improvements
Fabrikam Inc. plans to implement new and modern software to manage the company. The company wants to use Business Central because it is cloud-based and meets all company requirements.
The company intends to improve reporting and integration functionality by using modern tools such as Power BI and APIs. To reduce the amount of information sent by email, the company plans to expose vendor information to be consumed from external users.
Technical specifications

The development department installed Visual Studio Code to create Business Central extensions so the ERP system could be customized according to company needs. All extensions must be developed for the Business Central 2024 wave 1 online version. The development department plans to use telemetry to control the appropriate use of each new development and works directly in licensed sandbox environments supplied by Microsoft.
The following departments at Fabrikam Inc. have multiple requirements:
* Development
* Control
* Accounting
* Quality
Development department
The development department designed an extension for the purchase department. Because the developers plan to work with telemetry for monitoring operations, they need the Application Insights information. To accomplish this, the department must add a setting in the corresponding file.
The quality department does not want to receive any warning about the Application Insights setting when the extension is compiled.
Control department
The control department requires customization to Business Central by using a per-tenant extension (PTE) named Subcontract Docs. The PTE includes a table named Subcontract Documents. The table has the following fields:
* ID: A unique identifier
* Subcontract No.: Related to the standard Vendors table
* Description: A short description of a received document
* Document: A media type that has the document
* Comments: Comments about the document
* Date: When the document was imported
* Amount: Amount related with the imported document
* Posted Indicates if the document is managed
The extension must be in English - United States (ENU) and Spanish Traditional Sort (ESP) so the application can be used in both languages. The translations must be on the table, not on the page, to avoid repeating them. The control department does not want to use translation files.
The control department manager requires a brief guide for the Description and Comments fields when employees create a new record so users know what to include in the fields. The guide must disappear as soon as users add a value in the fields.
The Subcontract Documents table must be displayed on a new page named Subcontract Document List through an action from the standard Vendor page.
The Amount field, included in the Subcontract Document List, must be formatted in bold format when the record is posted (field Posted = true).
The control department also requires a report to display a list of subcontract documents named Subcontract Documents Excel List. The report must meet the following requirements:
* Downloads a file only in Microsoft Excel.
* Includes a predefined format with two worksheets; one with the posted subcontract documents and another with the unposted subcontract documents.
Accounting department
The accounting department plans to use Power Bl to analyze information generated by the control department. The accounting department plans to expose an API named API Customer Lines. To improve the performance, the API must use read-only information and work with a Query object to summarize the data.
The accounting department must expose data such as the following.
The qty column must be the sum of the Outstanding quantity field of Sales Order Lines. It must be in descending order by quantity. The department also exposes a page named Fabrikam Vendor API that includes vendor information from the Vendor table, such as number and name. The API must use the replica database to improve performance.
Because Fabrikam Inc. is based in multiple countries and regions, the company periodically must send accounting movements between two dates to the local tax offices named Fabrikam Accounting.
The format for this file must be an XML file generated by an XMLport object. For security reasons, it is not possible to receive data from this XMLport.
The department has a version 1.0.0.1 installed for an extension named Quality Control. The department develops a new version 1.0.0.2 and uses a codeunit with the subtype Upgrade to update it. The department requires the values for AppVersion and DataVeision on the tnaaer OnUoaradePerCompany after using NavAocGetCurrentModuleInformation.
The generated XML file must have a schema like this:
Quality department
The quality department requires that every new app or extension is designed to meet standard company guidelines. The quality department plans to follow the standard Business Central data model. The quality development must be able to use triggers correctly.
The department must ensure that when a vendor is deleted, the system also removes each record in the Subcontract Documents

table related to the vendor. If the subcontract document record has the field Posted = false, it must not be possible to delete the record.

NEW QUESTION # 24
Case Study 2 - Alpine Ski House
Company Background
Alpine Ski House is a company that owns and operates hotels, restaurants, and stores.
Currently, the company uses the following software and interface:
- Property management software (PMS) to manage hotel rooms
- On-premises accounting software to generate sales invoices and create purchase orders
- An API that allows restaurants and stores to obtain necessary information Restaurants and stores use standalone software for point of sale (POS) devices. Each day, the POS terminals generate a text file of sales data and save the files in a server folder. An account assistant must manually import the files to the current software tables to be processed by the system.
The general manager receives several reports monthly from department managers. The reports take too much time to prepare.
Planned improvements
The company is moving from a different system to Business Central online to manage the whole company.
The company plans to increase efficiency in every department by using APIs to obtain or share information between the different systems.
Each department involved in purchasing must be able to make purchase requests automatically and easily. The departments do not need access to the full ERP management system.
Technical specifications
Alpine Ski House requires the development of several extensions for the planned improvements.
Business Central design patterns must be used to develop all extensions.
Alpine Ski House must develop the following pages:
- Pages that provide multiple configurations in a multistep dialog, like a wizard, to provide required information when the extensions are first installed
- Department-specific Role Center pages to show relevant information and pages with additional information The IT department plans to use Power BI to analyze departmental information. The database must be configured to provide optimal performance.
Department-specific requirements
Housekeeping department
The housekeeping department requires the following to increase efficiency and help avoid data entry errors:
- A Housekeeping Role Center to minimize navigation to relevant areas in Business Central online and to show relevant information in it
- Pages to embed into a new Room page to show additional information about the Room entity
- A table named Room Incident for the housekeeping team to enter room issue information
- A Housekeeping canvas app that connects to an extension
- The department requires the development of an extension with a new API page named RoomsAPI.
- The housekeeping team will use RoomsAPI to publish room details, update when work is complete, or provide repair notifications from the canvas app.
- This custom API page must expose a custom table named Rooms and have an ID 50000. The table must be able to update from the PMS. The PMS team must know the endpoint to connect to the custom API.
- A developer provides the following details for the API page:
- The extension must be published in Business Central online and include a list page named Room List that includes all hotel rooms.
- Installation or updates to this extension must meet the following requirements:
o Some web services must be published automatically.
o The version of the specified application's metadata must be obtained in AL language, o The code required to perform tasks cannot be accessible from other parts of the application.
The Room Incident table information must include the following fields:
- Incident entry: An incremental number
- Room No.: A room from the Room table
- Incident Date: The work date
o The table definition in the Room Incident table must autofill the Incident Date when the housekeeping team inserts a new record, o The value for Incident Date must be the work date configured in the Business Central online client.
- Status: Includes the following options to identify the status of the incident:
o Open: When the Room Incident is created
o In Progress: When someone starts repair work
o Closed: When the incident is solved
- Incident Closing Date: Auto-updating field (when the status passes to Closed, the field will update with the work date)
- Incident Description: Text

- Image: Media data type
o The stored picture must be downloadable from a menu action,
o A Room Incident page must be developed to contain the download action.
Department-specific requirements
Restaurants and stores
- To increase efficiency, the new system must manage the generated data from the restaurants and stores directly by using the API on the POS terminals.
- The company requires a codeunit called from a job queue to read the information from the POS terminal APIs.
- The POS terminal information must be stored in a table named POS Information, have an ID
50100, and be editable on a page.
- The account manager requires an option on the menu of the page to run the process manually.
- To analyze the information received from the POS terminals, the company requires:
- A custom API named ticketAPI to export the information to Power BI
- Use of the Read Scale-Out feature to improve database performance
Department-specific requirements
Purchasing department and non-conformity handling
The purchasing department requires a new entity in Business Central online to log non- conformities of goods received from vendors.
The entity must be set up as follows:
- The non-conformity entity must have two tables:
o a header with common information
o one or more lines with the detailed received items that are non-conforming
- The entity requires a page named Non-conformity and a subpage named Non-conformity Lines to store the information.
When a purchase order with incorrect quantity or quality issues is received, the entity must create a non-conformity document in the system. The following information must be included in the document:
o Non-conformity Number: must use the No. Series table from Business Central online to manage this field and use these features:
o Alphanumeric values
o Number format that includes "NC" and the year as part of the number; for example, NC24-001
- Non-conformity Date: stores only the creation date
- Vendor No.: stores the number of the vendor that sent the items; only vendors from the company must be included
- Owner: code of an employee defined in the company
- Receipt No.: must meet the following conditions:
o Be an existing receipt No.
o Be received from the vendor indicated in the Vendor No. field
- Comments: can include comments with rich text and pictures to illustrate quality problems
- Status: includes non-conformity statuses, such as:
o Open
o Notified
o Closed
- Lines must contain the following details:
o Item No.: item received (for existing inventory items only)
o Description: item description
o Quantity: non-conforming quantity
- Non-conformity Type:
o Quality
o Quantity
o Delivery date
The serial numbers of the non-conformities and the period in which they can be created must be in a configuration table and its corresponding page to allow them to be modified for the users.
Hotspot Question
You need to download a stored picture from the Room Incident page.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer:

Explanation:

NEW QUESTION # 25
You need to define the tables used for the non-conformity entity.

What should you use?

- A. document history table to introduce the non-conformity entities
- B. supplemental table to introduce the non-conformity lines
- C. document table to introduce the non-conformity entities

Answer: C

Explanation:
Table Structure in Business Central: When creating entities such as "non-conformity" entities in Business Central, you use document tables to represent entities that have a header and line structure. In this case, the non-conformity entity has:
A header with common information (Non-conformity Number, Date, Vendor No., etc.).
One or more lines representing the detailed information for each non-conforming item.
Document Table Usage:
Document Table: A document table is the correct table type for scenarios where you have a header (with general information like vendor details) and lines (with detailed, item-specific information).
Document tables are typically used for entities such as Sales Orders, Purchase Orders, or any other transactional data where you have both header and line information.
Supplemental Table (Option C):
Supplemental tables are usually used to add supplementary information to existing data in Business Central. In this case, we need to store detailed line information, which is a core part of the entity rather than supplementary data, so a supplemental table would not be appropriate here.
Document History Table (Option A):
Document history tables are used to track changes and historical data for entities but are not suitable for the main introduction of the entity and its lines. This option is also not appropriate.
Reference Documentation:
Introduction to Business Central Tables
Document Tables in Business Central
Topic 2, Contoso, Ltd.
Overview
Contoso, Ltd. Is a sales company in the manufacturing industry. It has subsidiaries in multiple countries/regions, each with its own localization. The subsidiaries must be data-independent from each other. Contoso. Ltd. uses an external business partner to manage the subcontracting of some manufacturing items. Contoso. Ltd. has different sectors with data security between sectors required.
Contoso, Ltd. uses Business Central online as the main ERP for financial. sales, purchase, warehouse, and manufacturing processes.
It has employees that use the Business Central web application and external applications. The company has a custom external mobile app under development The IT department and its partners installed custom extensions to satisfy the company's requirements where the functionality is not available natively.
Contoso. Ltd. interacts with external services provided by customers and partners. Different applications interact with SOAP and OData endpoints exposed from Business Central.
An external business partner of Contoso, Ltd exposed a REST API for receiving details about new subcontracting orders and for sending the planned release date of each subcontracting order received.
Contoso. Ltd. has not activated the monitoring of the tenant and has no internal telemetry for its apps.
Custom reporting must be created to meet the requirements of the different departments.
Contoso, Ltd. has the following tenant management considerations:
IT department
* The IT department requires the ability to monitor the tenant to prevent performance problems and detect possible anomalies.
* The IT department plans to use Azure Application Insights and Log Analytics to inspect the ingested telemetry signals.
* All tenant upgrades are automatically handled by Microsoft. The IT department does not check for update availability or for tenant-related notifications.
* The IT department has not configured the receipt of tenant-related notifications from the Business Central admin center.
External business partner
* The external business partner must add custom telemetry to an application created for Contoso. Ltd. to monitor a business process.
* Custom telemetry signals for the application must be visible only on the partner's telemetry.
SOAP
* Contoso, Ltd. plans to dismiss using the SOAP protocol for integrations.
* Contoso, Ltd. must be able to detect if external applications are using its Business Central SOAP endpoints.
Issue
The Business Central tenant is upgraded by Microsoft to a new major version during the night.
Users report that one of the Contoso. ltd. extensions disappeared from the tenant The IT department confirms that the extension is still published.

Contoso. Ltd. plans to create a custom mobile application that has the following requirements:
* The app must be used by employees to check item details from the ERP in real time and to report issues that occur during the manufacturing process.
* An AL extension must be created for handling archived issues.
* Business Central development guidelines must be followed when implementing modules.
* A module must be implemented for the reporting and tracking of issues information. You plan to call this module Issue Management The module must expose a method nan Postlude.
* Code modifications will be required over time.
* The Issue Management process must be split into two extensions:
o ISSUE BASE: main extension
o ISSUE EXT: second extension with dependency from ISSUE BASE
* In the version 1.0.0.0 of the ISSUE BASE extension, you plan to create an Issue table that contains a global Decimal variable named Issue Total.
* In the version 1.0.0.0 of the ISSUE BASE extension, you plan to define a table named Issue Category with a Description field defined as follows:
field (2; Description; Text[SG])
{
DataClassificstion * CustoaerContent;
>
* The Issue table defined in ISSUE BASE extension contains a Clone procedure defined as follows:
procedure Corte () begin end;
* In the ISSUE EXT extension, you create a table extension object of the Issue table.
* The table extension object of the Issue table must access the Issue Total: Decimal variable.
After weeks of usage, you discover that you must remove the Description field and the Clone procedure because they are no longer required.
In a new version of the ISSUE BASE extension, you create a new Issue Type table. You must move data row by row from a previously obsolete Issue Category table to the new Issue Type table. Because a large amount of data must be moved, you must write an Upgrade codeunit by using the DataTransfer object.
The IT department creates a custom API for exposing the custom Issue table. The API provides an action for copying an issue to a new table. The action is defined as follows:
(Service Enabled]
procedure Copy (vary action Context: WebServiceActionContext)
begin
end;
Contoso, Ltd. must create an API in Business Central to expose item details to the mobile application.
* The API must have the lowest possible impact on the production environment when used during working hours.
* The API must only support Get operations.
A user of the ISSUE BASE extension in Business Central reports a problem.
To debug the problem, snapshot debugging with the following configuration was activated:
You discover that the debugging is not triggering.
Contoso, Ltd. must connect Business Central to the external API provided by the business partner. This will be used for the partner to send the details of new subcontracting orders to fulfill the sales demand, and for receiving the planned release date of each order sent. The integration requirements are as follows:
* The business partner will provide a REST API secured with basic authentication. Credentials to access the API will be shared with Contoso, ltd.
* The API for sending subcontracting orders must be called by sending an authenticated POST request to the given endpoint.
* The API for retrieving the order no. and planned release date of each subcontracting order responds with the following JSON:
Each order no. must be retrieved.

NEW QUESTION # 26
A company has the following custom permission set:
You need to make the permission set visible on the Permission Sets page.
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.
NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Answer:

Explanation:

1 - Change the Assignable property value to true.
2 - Add the ObsoleteState = No property.
3 - Publish the app with the permission set to an environment.

NEW QUESTION # 27
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