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Q&A

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Exam : **PL-100**

Title : Microsoft Power Platform App Maker (beta)

Version : DEMO

1. Topic 1, Wide World Importers

This is a case study. **Case studies are not timed separately. You can use as much exam time as you would like to complete each case.** However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the **Next** button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the **Question** button to return to the question.

Background

Current environment

Sales representatives submit weekly status reports to regional managers. There is no standardized format for these status reports. The process for managing status reports is challenging.

Wide World Importers has decided to use Microsoft 365, Microsoft Azure, and Power Platform for future app development. Both Wide World Importers and Tailwind Traders have identical Microsoft SharePoint and Azure configurations. Both companies use separate tenants.

Requirements

Application

You must create a mobile app to streamline the creation of status reports by sales representatives. You must make the same app available to Tailwind Traders.

The mobile app must meet the following requirements:

- Minimize the use of code.
- Use formulas and expressions when necessary.
- Support a variety of visual layouts.
- Use a SharePoint list to store information about regional managers and sales representatives.
- Use Azure SQL Database to store other data.

Status reports

- Sales representatives must provide a weekly status report for all work processes each Monday.

- Representatives must enter the following information for each process:

Information type	Values
Category	Pipelines, Work/life balance, Coaching/Mentoring, or Communications
Status	At Risk, Acceptable, or Great
Notes	Notes as appropriate

- If a sales representative submits a status report and assigns the **At Risk** status to a process, the app must prompt the sales representative to enter a detailed description for the risk. This information must be emailed to the regional manager. If the category is Work/life balance, the information must be carbon copied to the human resources department.
- If a sales representative does not submit a weekly status report by an agreed upon deadline, the system must send an email to remind the sales representative.
- The app must be able to run both online and offline. If the mobile device on which the app runs is connected to the internet, the app must immediately submit the status report.
- You must display a visual indicator in the app so that sales representatives know whether the app is offline before submitting reports.
- When data is submitted offline, the data must be stored in the app until the app is back online.

Technical

Regardless of the UI layouts, the data recorded must be standardized in the Azure DB tables. You must use global variables in the app.

Deployment

- Before deploying the app to production, you must ensure that the app conforms to Microsoft accessibility and performance guidelines.
- The completed app and all supporting components must be provided to Tailwind Traders.
- Tailwind Traders must not be able to make changes to any of the components.
- You must use the following version control numbering scheme:

Major: The last two digits of the year the app is packaged

Minor: Two digits that represent the month when the app is packaged

Build: A number that is incremented to represent significant changes to the app

Revision: The incremented revision for a package

- New versions of the application must completely replace previous versions of the app.

- When identifying versions of the app solution, all dependencies, entities, and user interfaces components must be identified to avoid any unintentional issues caused by reverting individual components to a previous version.
- Previous versions of the mobile app must be available for roll back purposes.
- All versions of software that have been used in production must be retained for five years.

Issues

The mobile app has been live for several months. Eight versions of the app have been released since the initial version of the app was deployed to sales representatives. You must revert the app to an earlier version and redesign some features.

User1 often works in a warehouse that does not have internet connectivity. User1 needs to edit an existing status report and submit a new status report.

Several sales representatives have accessibility restrictions. User2 is visually impaired and cannot see images. User3 is unable to use a mouse.

DRAG DROP

You publish the first version of the app and solution on November 1, 2020.

You need to create the version numbers for the app and the solution.

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

NOTE: Each correct selection is worth one point.

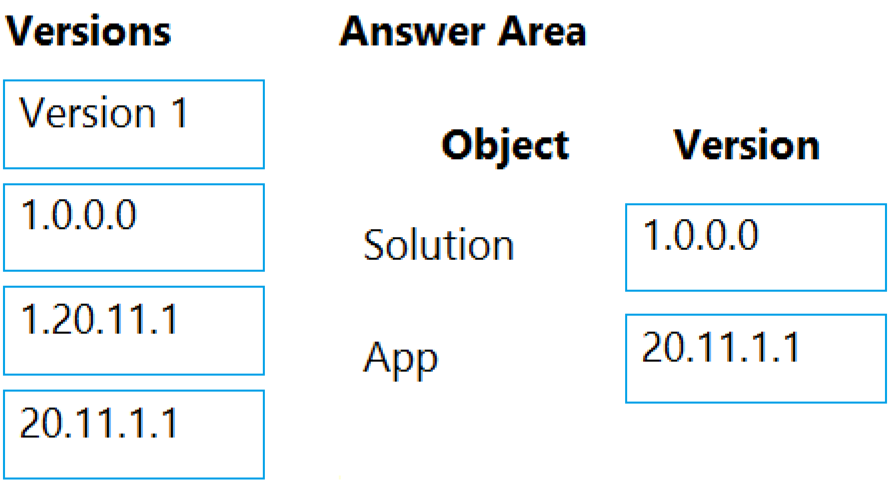
Versions

- Version 1
- 1.0.0.0
- 1.20.11.1
- 20.11.1.1

Answer Area

Object	Version
Solution	Version
App	Version

Answer:



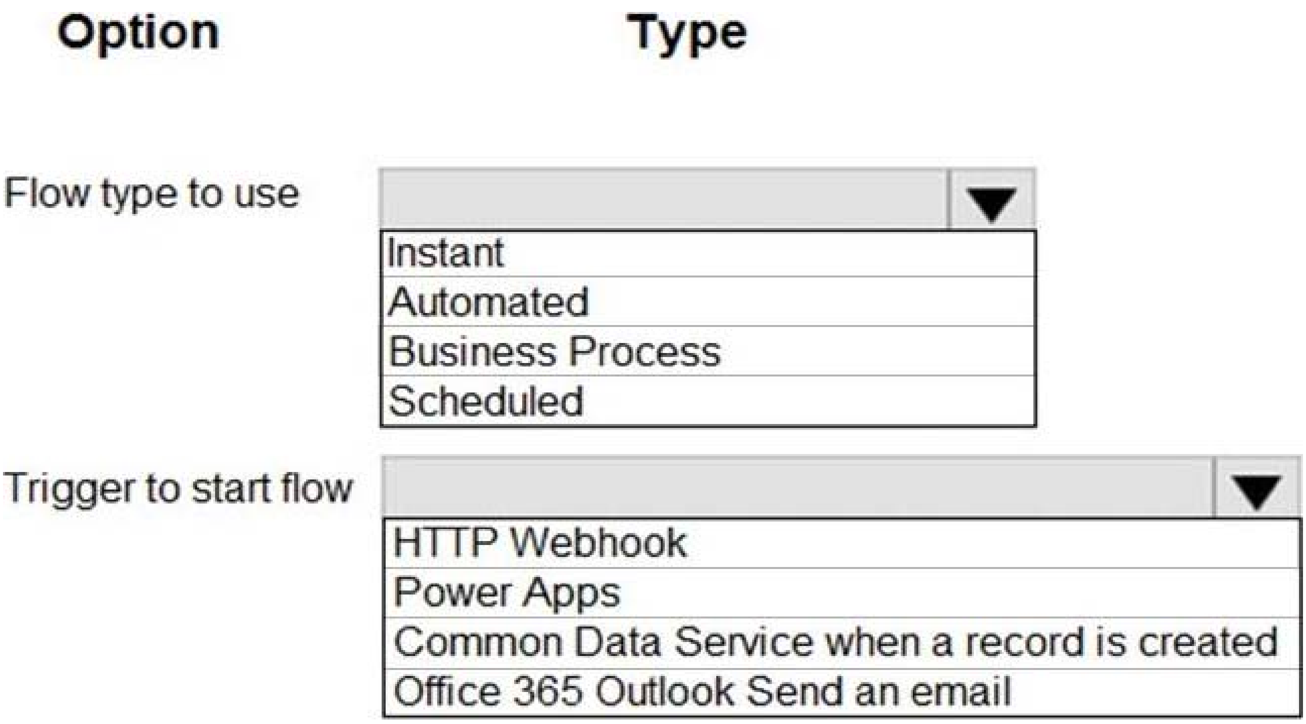
Explanation:
Box 1: 1.0.0.0
When identifying versions of the app solution, all dependencies, entities, and user interfaces components must be identified to avoid any unintentional issues caused by reverting individual components to a previous version.
A solution's version has the following format: major.minor.build.revision. An update must have a higher major, minor, build or revision number than the parent solution. For example, for a base solution version 3.1.5.7, a small update could be a version 3.1.5.8 or a slightly more signficant update could have version 3.1.7.0. A substantially more significant update could be version 3.2.0.0.
Box 2: 20.11.1.1
Scenario:
✑ You must use the following version control numbering scheme:
- Major: The last two digits of the year the app is packaged
- Minor: Two digits that represent the month when the app is packaged
- Build: A number that is incremented to represent significant changes to the app
- Revision: The incremented revision for a package
New versions of the application must completely replace previous versions of the app.

2.You need to provide all app components of the application to Tailwind Traders.
What should you do?
A. Package the application and flow components into a single solution for export.
B. Run the app checker and flow checker prior to publishing each component for export.
C. Export each component separately but use the same version number for each component.
D. Publish the application and flow solutions at the same time before exporting each one.
Answer: B
Explanation:
Scenario: When identifying versions of the app solution, all dependencies, entities, and user interfaces components must be identified to avoid any unintentional issues caused by reverting individual components to a previous version.
Power Apps has added components to the rule set that encourages best practices in the Power Apps Checker. You can check your canvas apps and flows that are included in solutions and then review all issues in a single, consolidated report.

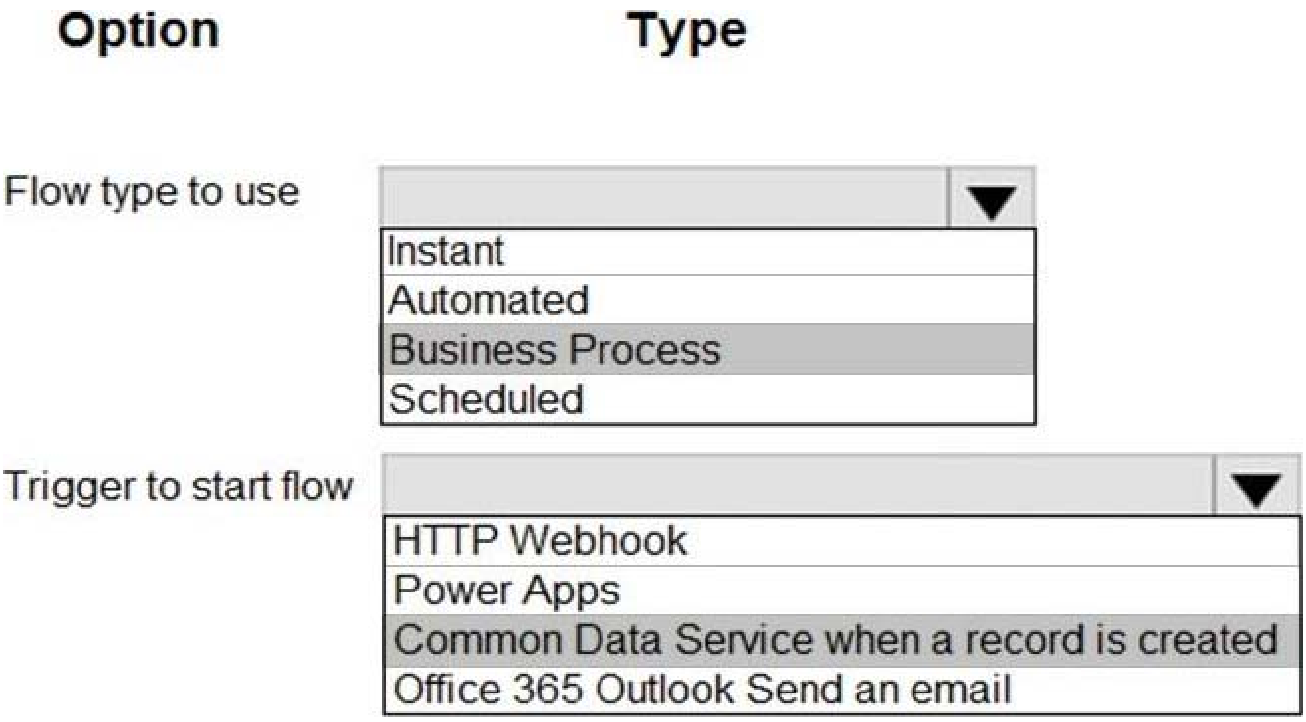
Reference:
https://docs.microsoft.com/en-us/power-platform-release-plan/2019wave2/microsoft-powerapps/checker-includes-rules-canvas-apps-flows

3.You need to provide the app to Tailwind Traders.
What should you do?
A. Within Managed Properties, set the value of the Allow customizations option to true.
Export the app as a managed solution.
B. Use the Share App feature.
C. Within Managed Properties, set the value of the Allow customizations option to false.
Export the app as a managed solution.
D. Within Managed Properties, set the value of the Allow customizations option to false.
Export the app as an unmanaged solution.
Answer: C
Explanation:
Scenario: The completed app and all supporting components must be provided to Tailwind Traders.
Tailwind Traders must not be able to make changes to any of the components.
Managed Solution: A managed solution is a finalized solution that can be distributed and installed. They are created by exporting an unmanaged solution by setting restrictions to prevent any further customizations. The whole point of Managed is locking down the Component states so they cannot be edited. Deleting the Managed Solution will remove all its customisations as well as data contained.
Managed Solutions become read only once
deployed so they cannot be manipulated.
Reference:
https://powerusers.microsoft.com/t5/Power-Apps-Pro-Dev-ISV/Managed-vs-Unmanaged/td-p/495685

4.HOTSPOT
You need to create a flow for sending required emails to the regional manager.
How should you create the flow? To answer, select the appropriate options in the answer area. NOTE:
Each correct selection is worth one point.



Answer:



Explanation:

Graphical user interface, text, application, email

Description automatically generated

Box 1: Business Process

Scenario: If a sales representative submits a status report and assigns the At Risk status to a process, the app must prompt the sales representative to enter a detailed description for the risk. This information must be emailed to the regional manager.

Business process flows provide a guide for people to get work done. They provide a streamlined user experience that leads people through the processes their organization has defined for interactions that

need to be advanced to a conclusion of some kind. This user experience can be tailored so that people with different security roles can have an experience that best suits the work they do.
Box 2: Common Data Service when a record is created
The Microsoft Dataverse (Common Data Service) connector provides the following triggers to help you define when your flows start:
➾ When a row is created, updated, or deleted
➾ When an action is performed
➾ When a flow step is run from a business process flow

5.You need to meet the requirements for sales representative that submit status reports.
How should you configure the flow?
A. Add a parallel branch that uses the value of a dynamic content variable
B. Add a number functions action that evaluates the risk value by using a static variable to determine if an email is required
C. Add a condition that evaluates the risk value by using a dynamic content variable
D. Add a data operation action that evaluates a dynamic content variable
Answer: C
Explanation:
Salespeople often do not set status of RFQs in the Sales Log to Won when a sale is closed and the customer purchase order is received.
Include a dashboard that shows all currently active quotes, their status in the sales cycle, the probability of closing, and estimated manufacturing and installation dates, by customer, product division, status, and salesperson.