



MICROSOFT PL-400

Microsoft Power Platform Developer Certification Questions & Answers

Exam Summary – Syllabus – Questions

PL-400

[Microsoft Certified - Power Platform Developer Associate](#)

40-60 Questions Exam - 700/1000 Cut Score - Duration of 120 minutes

Table of Contents:

Know Your PL-400 Certification Well:	2
Microsoft PL-400 Power Platform Developer Certification Details:	2
PL-400 Syllabus:	3
Create a technical design (10-15%)	3
Configure Microsoft Dataverse (15-20%).....	3
Create and configure Power Apps (15-20%)	4
Configure business process automation (5-10%).....	4
Extend the user experience (10-15%).....	4
Extend the platform (15-20%).....	5
Develop Integrations (5-10%)	6
Microsoft PL-400 Sample Questions:	6
Study Guide to Crack Microsoft Power Platform Developer PL-400 Exam:.....	10

Know Your PL-400 Certification Well:

The PL-400 is best suitable for candidates who want to gain knowledge in the Microsoft Power Platform. Before you start your PL-400 preparation you may struggle to get all the crucial Power Platform Developer materials like PL-400 syllabus, sample questions, study guide.

But don't worry the PL-400 PDF is here to help you prepare in a stress free manner. The PDF is a combination of all your queries like-

- What is in the PL-400 syllabus?
- How many questions are there in the PL-400 exam?
- Which Practice test would help me to pass the PL-400 exam at the first attempt?

Passing the PL-400 exam makes you Microsoft Certified - Power Platform Developer Associate. Having the Power Platform Developer certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Microsoft PL-400 Power Platform Developer Certification Details:

Exam Name	Microsoft Certified - Power Platform Developer Associate
Exam Code	PL-400
Exam Price	\$165 (USD)
Duration	120 mins
Number of Questions	40-60
Passing Score	700 / 1000
Books / Training	PL-400T00-A: Microsoft Power Platform Developer
Schedule Exam	Pearson VUE
Sample Questions	Microsoft Power Platform Developer Sample Questions
Practice Exam	Microsoft PL-400 Certification Practice Exam

PL-400 Syllabus:

Topic	Details
Create a technical design (10-15%)	
Validate requirements and design technical architecture	<ul style="list-style-type: none"> - design and validate the technical architecture for a solution - design authentication and authorization strategy - determine whether you can meet requirements with out-of-the-box functionality - determine when to use Logic Apps versus Power Automate flows - determine when to use serverless computing, plug-ins, or Power Automate - determine when to build a virtual entity data source provider and when to use connectors
Design solution components	<ul style="list-style-type: none"> - design a data model - design Power Apps reusable components - design custom connectors - design server-side components
Describe Microsoft Power Platform extensibility points	<ul style="list-style-type: none"> - describe Power Virtual Agents extensibility points including Bot Framework skills and Power Automate flows - describe Power BI extensibility points including Power BI APIs, custom visuals, and embedding Power BI apps in websites and other applications - describe Power Apps portal extensibility points including CRUD APIs and custom styling - describe Web Resources and their uses
Configure Microsoft Dataverse (15-20%)	
Configure security to support development	<ul style="list-style-type: none"> - troubleshoot operational security issues - create or update security roles and field-level security profiles - configure business units and teams
Implement tables and columns	<ul style="list-style-type: none"> - configure tables and table options - configure columns - configure relationships and types of behaviors
Implement application lifecycle management (ALM)	<ul style="list-style-type: none"> - create solutions and manage solution components - import and export solutions - manage solution dependencies - create a package for deployment - automate deployments - implement source control for projects including solutions and code assets

Topic	Details
Create and configure Power Apps (15-20%)	
Create model-driven apps	<ul style="list-style-type: none"> - configure a model-driven app - configure forms - configure columns - configure visualizations - configure commands and buttons
Create canvas apps	<ul style="list-style-type: none"> - create and configure a canvas app - implement complex formulas to manage control events and properties - analyze app usage by using App Insights - build reusable component libraries
Manage and troubleshoot apps	<ul style="list-style-type: none"> - troubleshoot app issues by using Monitor and other browser-based debugging tools - interpret results from App Checker and Solution Checker - identify and resolve connector and API errors - optimize app performance including pre-loading data and query delegation
Configure business process automation (5-10%)	
Configure Power Automate	<ul style="list-style-type: none"> - create and configure a flow - configure steps to use Dataverse connector actions and triggers - implement complex expressions in flow steps - implement error handling - troubleshoot flows by analyzing JSON responses from connectors
Implement processes	<ul style="list-style-type: none"> - create and configure business process flows - create and configure business rules - create, manage, and interact with business process flows by using server-side and clientside code - troubleshoot processes
Extend the user experience (10-15%)	
Apply business logic using client scripting	<ul style="list-style-type: none"> - create JavaScript or TypeScript code that targets the Client API object model - register an event handler - create client-side scripts that target the Dataverse Web API
Create a Power Apps Component Framework (PCF) component	<ul style="list-style-type: none"> - describe the PCF component lifecycle - initialize a new PCF component - configure a PCF component manifest - implement the component interfaces

Topic	Details
	<ul style="list-style-type: none"> - package, deploy, and consume the component - configure and use PCF Device, Utility, and WebAPI features - test and debug PCF components by using the local test harness
Create a command button function	<ul style="list-style-type: none"> - create commands - design command button rules and actions - edit the command bar by using the Ribbon Workbench - manage dependencies between JavaScript libraries
Extend the platform (15-20%)	
Create a plug-in	<ul style="list-style-type: none"> - describe the plug-in execution pipeline - design and develop a plug-in - debug and troubleshoot a plug-in - implement business logic by using pre-images and post-images - perform operations on data by using the Organization service API - optimize plug-in performance - register custom assemblies by using the Plug-in Registration Tool - develop a plug-in that targets a custom action message
Create custom connectors	<ul style="list-style-type: none"> - create a definition for the API - configure API security - use policy templates to modify connector behavior at runtime - expose Azure Functions as custom connectors - create custom connectors for public APIs by using Postman
Use platform APIs	<ul style="list-style-type: none"> - interact with data and processes by using the Dataverse Web API or the Organization Service - implement API limit retry policies - optimize for performance, concurrency, transactions, and batching - query the Global Discovery service to discover the URL and other information for an organization - perform entity metadata operations with the Web API - perform authentication by using OAuth
Process workloads	<ul style="list-style-type: none"> - process long-running operations by using Azure Functions - configure scheduled and event-driven function triggers in Azure Functions - authenticate to the Microsoft Power Platform by using managed identities

Topic	Details
Develop Integrations (5-10%)	
Publish and consume events	<ul style="list-style-type: none"> - publish an event by using the API - publish an event by using the Plug-in Registration Tool - register service endpoints including webhooks, Azure Service Bus, and Azure Event Hub - implement a Dataverse listener for an Azure solution - create an Azure Function that interacts with Microsoft Power Platform
Implement data synchronization	<ul style="list-style-type: none"> - configure entity change tracking - read entity change records by using platform APIs - create and use alternate keys

Microsoft PL-400 Sample Questions:

Question: 1

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) Create an Azure SQL Database service in the same tenant as the Dynamics 365 Sales environment.
- b) Enable auditing entities that must be replicated to Azure SQL database.
- c) Enable change tracking for all entities that must be replicated to Azure SQL Database.
- d) Set up server-based integration.
- e) Create an export profile that specifies all the entities that must be replicated.

Answer: a, c, e

Question: 2

You need to modify Microsoft flow to resolve CustomerC's issue. What should you do?

- a) Add a configure run that is set to Is successful.
- b) Add a timeout setting to the approval flow.
- c) Add a data operation that specifies the false conditions.
- d) Add b condition containing approval hierarchy.

Answer: b

Question: 3

A company plans to create an order processing app. When orders are created, the app will perform complex business logic and integrate with several external systems.

Orders that have a large number of line items may take up to six minutes to complete. Processing for each order must be completed in one operation to avoid leaving records in an incomplete state.

You need to recommend a solution for the company. What should you recommend?

- a) an asynchronous workflow that uses a custom workflow activity
- b) a real-time workflow that uses a custom action
- c) a webhook that connects to an Azure Function
- d) an asynchronous plug-in

Answer: b

Question: 4

You are customizing the Microsoft Dataverse platform for a client to deliver complex business requirements. After going live with the application, the client experiences a performance issue. Your client asks you to investigate the issue and share a detailed report.

You run a solution checker tool on the production instance and receive an error stating the solution checker is missing required security roles. You need to determine the cause of the issue and add the required roles.

Which two security roles should you assign to the user to resolve the issue?

Each correct answer presents part of the solution.

- a) Environment Maker
- b) System Customizer
- c) Environment Admin
- d) System Administrator
- e) Solution Checker
- f) Export Customizations

Answer: e, f

Question: 5

A company uses the Data Export Service (DCS) to refresh their Azure SQL Data Warehouse instance. The data warehouse is used for historical trend analysis and forecasting.

The refresh process from the Common Data Service (CDS) environment to the data warehouse has errors. Users report that data is missing.

A CDS test environment that contains DES is available to troubleshoot the import outside of the production environment. You create a new database for testing.

You need to configure the test environment to point to the new database. What should you create first to access the database?

- a) A new secret in Azure Key Vault
- b) A new user in the SQL database
- c) A new export profile in CDS test
- d) A new application registration

Answer: a

Question: 6

A company uses Common Data Service rollup fields to calculate insurance exposure and risk profiles for customers. Users report that the system does not update values for the rollup fields when new insurance policies are written.

You need to recalculate the value of the rollup fields immediately after a policy is created. What should you do?

- a) Create a plug-in that uses the update method for the rollup field. Configure a step on the Create event for the policy entity for this plug-in.
- b) Update the Mass Calculate Rollup Field job to trigger when a new policy record is created.
- c) Change the frequency of the Calculate Rollup Field recurring job from every hour to every five minutes.
- d) Create new fields on the customer entity for insurance exposure and risk. Write a plug-in that is triggered whenever a new policy record is created.

Answer: c

Question: 7

You plan to create a canvas app to manage large sets of records. Users will filter and sort the data. You must implement delegation in the canvas app to mitigate potential performance issues.

You need to recommend data sources for the app. Which two data sources should you recommend?

Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- a) SQL Serve
- b) Azure Data Factory
- c) Common Data Service
- d) Azure Table Storage

Answer: a, b

Question: 8

You need to ensure that Adventure Works Cycle can track information from visitors to bike fairs. What should you create?

- a) A workflow in Dynamics 365 Sales Engagement for capabilities leads
- b) A flow to capture customer data from the bike fair Power Apps in SharePoint and create a lead in Microsoft Teams.
- c) A flow that connects with the bike fair Power Apps to create a lead in Dynamic 365 Sales
- d) A Microsoft flow that generates a new customer record in SharePoint

Answer: c

Question: 9

You need to configure that the mobile app meets the requirements for phone entries. Which expression should you use?

- a) PlainText
- b) IsMatch
- c) IsType
- d) IsNumeric

Answer: d

Question: 10

A company has an application that provides API access. You plan to connect to the API from a canvas app by using a custom connector.

You need to request information from the API developers so that you can create the custom connector. Which two types of files can you use?

Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- a) YAML
- b) WSDL
- c) OpenAPI definition
- d) Postman collection

Answer: c, d

Study Guide to Crack Microsoft Power Platform Developer PL-400 Exam:

- Getting details of the PL-400 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the PL-400 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Microsoft provided training for PL-400 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the PL-400 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on PL-400 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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