Study Guide

PL-600: Microsoft Power Platform Solution Architect

Purpose of this document

This study guide should help you understand what to expect on the exam and includes a summary of the topics the exam might cover and links to additional resources. The information and materials in this document should help you focus your studies as you prepare for the exam.

Useful links	Description
How to earn the certification	Some certifications only require one exam, while others require more. On the details page, you'll find information about what skills are measured and links to registration. Each exam also has its own details page covering exam specifics.
Certification renewal	Once you earn your certification, don't let it expire. When you have an active certification that's expiring within six months, you should renew it—at no cost— by passing a renewal assessment on Microsoft Learn. Remember to renew your certification annually if you want to retain it.
Your Microsoft Learn profile	Connecting your certification profile to Learn brings all your learning activities together. You'll be able to schedule and renew exams, share and print certificates, badges and transcripts, and review your learning statistics inside your Learn profile.
Passing score	All technical exam scores are reported on a scale of 1 to 1,000. A passing score is 700 or greater. As this is a scaled score, it may not equal 70% of the points. A passing score is based on the knowledge and skills needed to demonstrate competence as well as the difficulty of the questions.
Exam sandbox	Are you new to Microsoft certification exams? You can explore the exam environment by visiting our exam sandbox. We created the sandbox as an opportunity for you to experience an exam before you take it. In the sandbox, you can interact with different question types, such as build list, case studies,

Useful links	Description
	and others that you might encounter in the user interface when you take an exam. Additionally, it includes the introductory screens, instructions, and help topics related to the different types of questions that your exam might include. It also includes the non-disclosure agreement that you must accept before you can launch the exam.
Request accommodations	We're committed to ensuring all learners are set up for success. If you use assistive devices, require extra time, or need modification to any part of the exam experience, you can request an accommodation.
Take a practice test	Taking a practice test is a great way to know whether you're ready to take the exam or if you need to study a bit more. Subject-matter experts write the Microsoft Official Practice Tests, which are designed to assess all exam objectives.

Objective domain: skills the exam measures

The English language version of this exam was updated on September 26, 2022.

Some exams are localized into other languages, and those are updated approximately eight weeks after the English version is updated. Other available languages are listed in the **Schedule Exam** section of the **Exam Details** webpage. If the exam isn't available in your preferred language, you can request an additional 30 minutes to complete the exam.

> **Note**
> The bullets that follow each of the skills measured are intended to illustrate how we are assessing that skill. Related topics may be covered in the exam.

> **Note**
> Most questions cover features that are general availability (GA). The exam may contain questions on Preview features if those features are commonly used.

Skills measured
- Perform solution envisioning and requirement analyses (35–40%)
- Architect a solution (40–45%)
- Implement the solution (15–20%)

Functional groups

Perform solution envisioning and requirement analysis (35–40%)

Initiate solution planning

- Evaluate business requirements
- Identify Microsoft Power Platform solution components
- Identify other components including existing apps, AppSource apps, third-party components, and components from independent software vendors (ISV)
- Identify and estimate migration and integration efforts

Identify organization information and metrics

- Identify desired high-level organizational business processes
- Identify business process improvement opportunities
- Assess an organization's risk factors
- Review key success criteria

Identify existing solutions and systems

- Evaluate an organization's enterprise architecture
- Identify data sources needed for a solution
- Define use cases and quality standards for existing data
- Identify and document an organization's existing business processes

Capture requirements

- Refine high-level requirements
- Identify functional requirements
- Identify non-functional requirements
- Confirm that requirements meet an organization's goals
- Identify and document an organization's desired business processes

Perform fit/gap analyses

- Determine the feasibility of meeting specific requirements
- Evaluate Dynamics 365 apps and AppSource options to solve requirements
- Address functional gaps through alternate solutions
- Determine the scope for a solution

Architect a solution (40–45%)

Lead the design process

- Design the solution topology
- Design customizations for existing apps

- Design and validate user experience prototypes
- Identify opportunities for component reuse
- Communicate system design visually
- Design application lifecycle management (ALM) processes
- Design a data migration strategy
- Design apps by grouping required features based on role or task
- Design a data visualization strategy
- Design an automation strategy that uses Power Automate

Design the data model

- Design tables and columns
- Design reference and configuration data
- Design relationships and relationship behaviors
- Determine when to connect to external data versus import data
- Design data models to address complex sets of requirements

Design integrations

- Design collaboration integrations
- Design integrations between Power Platform solutions and Dynamics 365 apps
- Design integrations with an organization's existing systems
- Design third-party integrations
- Design an authentication strategy
- Design a business continuity strategy
- Identify opportunities to integrate and extend Power Platform solutions by using Microsoft Azure

Design the security model

- Design the business unit and team structure
- Design security roles
- Design column security
- Design security models to address complex sets of requirements
- Determine security model management policies and processes
- Identify Azure Active Directory groups and app registrations required to support a solution
- Identify data loss prevention (DLP) policies for a solution
- Determine how external users will access a solution

Implement the solution (15–20%)

Validate the solution design

- Evaluate detail designs and implementation
- Validate security

- Ensure that the solution conforms to API limits
- Assess the solution performance and impact on resources
- Resolve automation conflicts
- Resolve integration conflicts

Support go-live

- Identify and resolve potential and actual performance issues
- Troubleshoot data migration
- Resolve any identified issues with deployment plans
- Identify factors that impact go-live readiness and remediate issues

Study Resources

We recommend that you train and get hands-on experience before you take the exam. We offer self-study options and classroom training as well as links to documentation, community sites, and videos.

Study resources	Links to learning and documentation
Get trained	Choose from self-paced learning paths and modules or take an instructor led course

Find documentation	Microsoft Power Platform documentation
	    • Center of Excellence (CoE) Starter kit
	    • Videos: Power Apps and Power Automate Architecture Series
	    • Real-world architecture examples
	    • Azure ExpressRoute with Power Platform

Ask a question	Microsoft Q&A | Microsoft Docs
Get community support	Power Apps - Power Platform Community Microsoft Power Automate - Power Platform Community
Follow Microsoft Learn	Microsoft Learn - Microsoft Tech Community
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