Exam PL-600: Microsoft Power Platform Solution Architect – Skills Measured

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The English language version of this exam was updated on March 14, 2022.

Following the current exam guide, we have included a version of the exam guide with Track Changes set to "On," showing the changes that were made to the exam on that date.

NOTE: Passing score: 700.

Audience Profile

Candidates for this exam are solution architects who lead successful implementations and focus on how solutions address the broader business and technical needs of organizations. This role requires the ability to identify opportunities to solve business problems.

Candidates should have functional and technical knowledge of Microsoft Power Platform, Dynamics 365 customer engagement apps, related Microsoft cloud solutions, and other third-party technologies. They apply knowledge and experience throughout an engagement. Candidates perform proactive and preventative work to increase the value of the customer's investment and promote organizational health.

Candidates should have experience across functional and technical disciplines of Microsoft Power Platform. They should be able to facilitate design decisions across development, configuration, integration, infrastructure, security, licensing, availability, storage, and change management. This role balances a project's business needs while meeting functional and non-functional requirements.

Skills Measured

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.

Perform solution envisioning and requirement analyses (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 entities and fields
- 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 Microsoft 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 field 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
- 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

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~~A solution architect has~~Candidates should have functional and technical knowledge of ~~the~~ Microsoft Power Platform, Dynamics 365 customer engagement apps, related Microsoft cloud solutions, and other third-party technologies. ~~A solution architect applies~~They apply knowledge and experience throughout an engagement. ~~The solution architect performs~~Candidates perform proactive and preventative work to increase the value of the customer's investment and promote organizational health. ~~This role requires the ability to identify opportunities to solve business problems.~~

~~Solution architects~~Candidates should have experience across functional and technical disciplines of ~~the~~ Microsoft Power Platform. ~~Solution architects~~They should be able to facilitate design decisions across development, configuration, integration, infrastructure, security, licensing, availability, storage, and change management. This role balances a project's business needs while meeting functional and non-functional requirements.

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