

PL-600T00 Power Platform Solution Architect

Category: Networking & Security | **Vendor:** Microsoft Technical

Duration: 32.00 hours (4 days) **26.0 CPD Hours** **Rating:** ★ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Certified: Power Platform Solution Architect Expert
Related Exam:	PL-600

Course Overview

The Solution Architect is responsible for the successful design, implementation, deployment and adoption of an overall solution. The Solution Architect ensures that the solution meets the customer’s needs now and in the future. In this course, students will learn about decisions a Solution Architect makes during an implementation, covering security, integrations, Power Apps architecture, Power Automate architecture, and more. This course is designed to give you an introduction to the Solution Architect role.

About This Course

The Solution Architect is responsible for the successful design, implementation, deployment and adoption of an overall solution. The Solution Architect ensures that the solution meets the customer’s needs now and in the future. In this course, students will learn about decisions a Solution Architect makes during an implementation, covering security, integrations, Power Apps architecture, Power Automate architecture, and more. This course is designed to give you an introduction to the Solution Architect role.

Who Should Attend

Senior Consultants (both functional and technical) that aspire to be Solution Architects, or current Solution Architects that are new to the role.

Prerequisites & Entry Requirements

General Prerequisites:

PL-200 or equivalent experience

Learning Outcomes

Upon successful completion of this course, participants will be able to:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

your customerConceptualizing the design from requirementsProject governance and working as a teamPower Platform ArchitectureData ModelingAnalytics and artificial intelligencePower Apps ArchitectureApplication Lifecycle Management (ALM)Power Automate ArchitectureSecurity ModelingIntegrationDynamics 365 Applications ArchitectureTesting and Go Live, Course ObjectivesBecoming a Solution Architect/Getting to know your customerConceptualizing the design from requirementsProject governance and working as a teamPower Platform ArchitectureData ModelingAnalytics and artificial intelligencePower Apps ArchitectureApplication Lifecycle Management (ALM)Power Automate ArchitectureSecurity ModelingIntegrationDynamics 365 Applications ArchitectureTesting and Go Live, Course ObjectivesBecoming a Solution Architect/Getting to know your customerConceptualizing the design from requirementsProject governance and working as a teamPower Platform ArchitectureData ModelingAnalytics and artificial intelligencePower Apps ArchitectureApplication Lifecycle Management (ALM)Power Automate ArchitectureSecurity ModelingIntegrationDynamics 365 Applications ArchitectureTesting and Go Live, Course ObjectivesBecoming a Solution Architect/Getting to know your customerConceptualizing the design from requirementsProject governance and working as a teamPower Platform ArchitectureData ModelingAnalytics and artificial intelligencePower Apps ArchitectureApplication Lifecycle Management (ALM)Power Automate ArchitectureSecurity ModelingIntegrationDynamics 365 Applications ArchitectureTesting and Go Live

Detailed Course Outline

1 - Becoming a solution architect for Dynamics 365 and Microsoft Power Platform

- Existing product and platform skills
- Expectations of a solution architect
- Solution architect role during project phases
- Pillars of a great architecture

2 - Discover customer needs as a Solution Architect for Dynamics 365 and Microsoft Power Platform

- Initial customer discovery
- Customer discovery meetings
- Customer communication strategy

3 - Propose a solution as a Solution Architect for Microsoft Power Platform and Dynamics 365

- Identify solution components
- Develop and validate a demo
- Identify potential third-party components
- Recognize strengths and weaknesses in a solution

4 - Work with requirements for Microsoft Power Platform and Dynamics 365

- Lead requirement capture sessions
- Identify functional requirements
- Identify non-functional requirements
- Confirm and finalize requirements

5 - Perform fit gap analysis

- Determine feasibility of requirements
- Refine requirements from proof of concept insights
- Categorize business requirements and perform gap fit analysis
- Evaluate Dynamics 365 and Microsoft Power Platform apps

6 - Solution Architect series: Implement project governance for Power Platform and Dynamics 365

- Project governance
- Solution architect's role in project governance
- Techniques for keeping a project on track
- Work as a team

7 - Solution Architect series: Power Platform architecture

- Environments
- Environment data location
- Work with data
- Custom logic
- Platform limits
- High availability and disaster recovery considerations

8 - Solution Architect series: Explore Power Apps architecture

- Common app patterns
- App composition
- Components
- Optimize canvas apps
- Microsoft Teams and Power Apps
- Portal apps

9 - Explore Power Automate architecture

- Triggers
- Common actions
- Error handling
- Best practice
- Business process flows

10 - Solution architect series: Explore Microsoft Copilot Studio

- Agent building options
- Agent concepts
- Best practices
- Integrate agents
- Microsoft Copilot Studio in Teams

11 - Solution architect series: Explore robotic process automation

- Power Automate for desktop
- Record and edit tasks
- Run desktop flows
- Process advisor

12 - Solution architect series: Model data for Power Platform solutions

- Common Data Model
- Data modeling
- Choose a data store
- Data modeling for Dataverse
- Best practices for Dataverse
- Architecture of Fabrikam data model and devices
- Report data and handle primary visitors
- Handle visitors, waivers, and photos
- Example data model solution

13 - Solution architect series: Model security for Power Platform solutions

- Environment security
- Data loss prevention
- Access to Dataverse
- Security in apps

14 - Solution Architect series: Evaluate Power Platform analytics and AI

- Power Platform reporting capabilities
- Power BI overview
- Data requirements
- Power BI and Power Platform
- Dataflows
- AI

15 - Solution Architect series: Implement integrations with Power Platform

- Integration challenges
- Inbound data integration
- Outbound data integration

16 - Solution Architect series: Plan application lifecycle management for Power Platform

- Key considerations for ALM
- Solutions
- Configuration and reference data
- Release process
- ALM with Azure DevOps

17 - Solution Architect series: Testing and go-live

- Plan for go-live
- Data migration
- Plan for go-live

18 - Becoming a solution architect for Dynamics 365 and Microsoft Power Platform

- Existing product and platform skills
- Expectations of a solution architect
- Solution architect role during project phases
- Pillars of a great architecture

19 - Design a semantic model in Power BI

- Work with tables
- Create a date table
- Work with dimensions
- Define data granularity
- Work with relationships and cardinality
- Resolve modeling challenges

20 - Challenge project - Create Microsoft Power Platform solutions

- Prepare

, Perform fit gap analysis, Worked with requirements as a solution architect for Microsoft Power Platform and Dynamics 365, Solution Architect series: Power Platform architecture, Solution Architect series: Implement project governance for Power Platform and Dynamics 365, Solution Architect series: Model data for Power Platform solutions, Discover customer needs as a Solution Architect for Dynamics 365 and Microsoft Power Platform, Propose a solution as a Solution Architect for Microsoft

Power Platform and Dynamics 365, Becoming a solution architect for Dynamics 365 and Microsoft Power Platform, Solution Architect series: Testing and go-live, Solution architect series: Explore robotic process automation, Solution architect series: Explore Power Virtual Agents, Explore Power Automate architecture, Solution Architect series: Plan application lifecycle management for Power Platform, Solution architect series: Model security for Power Platform solutions, Solution Architect series: Implement integrations with Power Platform, Solution Architect series: Evaluate Power Platform analytics and AI, Solution Architect series: Explore Power Apps architecture

 Certification Path

Microsoft Certified: Power Platform Solution Architect Expert

Exam: PL-600

Upcoming Schedule

Available training dates for PL-600T00 Power Platform Solution Architect:

Start Date	End Date	Location	Delivery	Price
14 Sep 2026	17 Sep 2026	Online	Virtual	€2,495.00
11 Jan 2027	14 Jan 2027	Online	Virtual	€2,495.00

Frequently Asked Questions

Q: What delivery options are available for PL-600T00 Power Platform Solution Architect?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
 - Traditional Instructor-Led Classroom Training (ILT)
 - On-site delivery at your offices anywhere in United Kingdom
 - Private dedicated courses customized for your team
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Q: What certification does this course prepare me for?

The PL-600T00 Power Platform Solution Architect course helps prepare you for the Microsoft Certified: Power Platform Solution Architect Expert certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the PL-600 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 4-day PL-600T00 Power Platform Solution Architect course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the PL-600T00 Power Platform Solution Architect training?

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for PL-600T00 Power Platform Solution Architect?

Yes, we provide corporate training, dedicated training, and closed classes for PL-600T00 Power Platform Solution Architect. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: PL-600T00: Microsoft Power Platform Solution Architect, Microsoft, vILT, PL-600T00

Q: Why choose Nexus Human for PL-600T00 Power Platform Solution Architect?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your PL-600T00 Power Platform Solution Architect training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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