

PL-600T00: Power Platform Solution Architect

Duration: 4 Days

Course Content:

The Microsoft powerful platform solution architect training course helps professionals in the successful implementation of platforms. It also makes them skillful at recognizing how the solutions address the firms' broader business and technical needs. This course makes them solution architects.

The solution architects need to have all the functional and technical knowledge regarding the power platform, Dynamic 365, Microsoft cloud solutions, and many more. This program awards them everything they require to know about the power platform.

The course offers them the skills to identify all opportunities to solve any business problem. It also teaches professionals the technical and functional disciplines to facilitate the design of the power platform.

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.

Course Objectives

- Becoming a Solution Architect/Getting to know your customer
- Conceptualizing the design from requirements
- Project governance and working as a team
- Power Platform Architecture
- Data Modeling
- Analytics and artificial intelligence
- Power Apps Architecture
- Application Lifecycle Management (ALM)
- Power Automate Architecture
- Security Modeling
- Integration
- Dynamics 365 Applications Architecture
- Testing and Go Live



Detailed Course Outline:

Module 1: Becoming a Solution Architect/Getting to know your customer

Lesson

- Define a Solution Architect
- Role of a Solution Architect on projects
- Project Methodology
- Getting to know your customer
- Group exercise - Getting to know your customer

Module 2: Conceptualizing the design from requirements

Lesson

- How to lead the requirement collection effort
- Using fit gap analysis
- Pillars of good architecture
- Blueprinting the solution architecture
- Group exercise - Design from requirements

Module 3: Project governance and working as a team

Lesson

- Solution Architect's role in project governance
- Techniques for keeping a project on track
- Scenarios that could cause a project to fail
- Group exercise - Project governance and working as a team

Module 4: Microsoft Power Platform Architecture

Lesson

- Key Microsoft Power Platform architecture components
- Understand how platform design and limits influence solution architectures
- Updates and feature releases
- Understand how to communicate how the platform meets customer needs

Module 5: Data Modeling

Lesson

- Data model influences
- Data model strategy
- Data types
- Data relationships
- Group exercise - Data modeling



Module 6: Analytics and artificial intelligence

Lesson

- Planning and evaluating requirements
- Operational reporting
- Power BI
- Enterprise BI
- Pre-built insights and custom AI

Module 7: Power Apps Architecture

Lesson

- Discuss options for apps and how to choose where to start
- Discuss app composition options
- Using components as part of your app architecture
- Considerations for including Portals as an app in your architecture
- Group exercise - Power Apps Architecture topics

Module 8: Application Lifecycle Management (ALM)

Lesson

- Microsoft vision and Solution Architect's role in ALM
- Environment strategies
- Defining a solution structure for your deliverable

Lab: ALM Hands-on Lab

Module 9: Power Automate Architecture

Lesson

- Discuss options for automation and custom logic
- Review considerations for using triggers and common actions
- Explore using Business Process Flows (BPF) to guide users through business processes
- Group Exercise - Evaluate scenarios for Power Automate usage

Module 10: Security Modeling

Lesson

- Solution Architect's role in security modeling
- Discovery and learning your client's environment
- Controlling access to environments and resources
- Controlling access to CDS Data
- Group Exercise - Security Modeling



Module 11: Integration

Lesson

- Solution Architects role in Integrations
- What is an integration and why do we need it
- Platform features that enable integration
- CDS Event Publishing
- Scenarios for group discussion

Module 12: Dynamics 365 Applications Architecture

Lesson

- Solution Architect's role when deploying Dynamics 365 apps
- Architecture Considerations for primary apps
- Group Exercise - App specific working groups evaluate requirements

Module 13: Power Virtual Agents architecture

Lesson

- Introduction
- Chatbot options
- Chatbot concepts
- Best practices
- Integrate chatbots
- Power Virtual Agents in Microsoft Teams

Module 14: Robotic Process Automation

Lesson

- Introduction
- Power Automate Desktop
- Recording and editing tasks
- Running desktop flows
- Process advisor

Module 15: Testing and Go Live

Lesson

- Solution Architect's role with testing and go live
- Planning for testing
- Planning for go live

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