

Microsoft Power Platform Solution Architect – Intensive Training («PL600»)

Microsoft Power Platform Solution Architect lead successful implementations and focus on how solutions address the broader business and technical needs of organizations.

Duration: 4 days

Price: 3'400.–

Course documents: Official Microsoft Courseware and Microsoft Learn

Vendor code: PL-600

Content

The content of this intensive training is derived from the exam «[PL-600: Microsoft Power Platform Solution Architect](#)». Start preparing for the course on Microsoft Learn now and use the Learning Support if you have any questions. During the intensive training days with the instructor you will work with the official Microsoft course material (more information under «Methodology & didactics»).

Course outline:

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

Lessons:

- 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

Lessons:

- 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

Lessons:

- 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: Power Platform Architecture

Lessons:

- Key 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

Lessons:

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

Module 6: Analytics and artificial intelligence

Lessons:

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

Module 7: Power Apps Architecture

Lessons:

- 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)

Lessons:

- 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

Lessons:

- 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

Lessons:

- 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

Lessons:

- 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

Lessons:

- 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

Lessons:

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

Module 14: Robotic Process Automation

Lessons:

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

Module 15: Testing and Go Live

Lessons:

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

Key Learnings

- Performing solution envisioning and requirement analyses
- Architecting a solution
- Implementing the solution

Methodology & didactics

Digicomp Flexible Learning Approach:

- **Training modality:** During a period of 4 weeks, 6-8 half-day (3h each) virtual live sessions with our Azure MCT experts will take place. The sessions are already planned and can be easily combined with the daily work routine. Between the sessions there is enough time to process the learned knowledge.
- **Detailed Session Plan:** Click «[Timetable](#)» at the bottom of the page where you select your desired date.

Target audience

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

Requirements

We recommend learning path [Architect solutions for Dynamics 365 and Microsoft Power Platform](#) as preparation for this course.

- [Power Platform Functional Consultant – Intensive Training \(«PL200»\)](#)

Certification

This intensive training prepares you for:

- **Exam:** [«PL-600: Microsoft Power Platform Solution Architect»](#) for the
- **Certification:** [«Microsoft Certified: Power Platform Solution Architect Expert»](#).

Please note that the either of the following exams is also required to achieve the certification:

- [«PL-200: Microsoft Power Platform Functional Consultant»](#) or
- [«PL-400: Microsoft Power Platform Developer»](#)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-microsoft-technology/microsoft-modern-workplace-m365/course-microsoft-power-platform-solution-architect-intensive-training-pl-600