Logic Apps: Anywhere, Everywhere
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THIS IS NOT A SESSION TO DISCUSS YOUR PERFECT TOOL
HOW AND WHERE WE CAN OR SHOULD USE LOGIC APPS

LOGIC APPS EXPERIENCE
What tools should you use to build Logic Apps: Azure Portal, Visual Studio, or Visual Studio Code

INTEGRATIONS CHALLENGES
Cloud Integration, Hybrid integration and On-premises Integration
What are my options? What tools and technologies can we use?
INTEGRATIONS CHALLENGES

ON-PREMISES INTEGRATION
What are my options? Can we use Logic Apps?

HYBRID INTEGRATION
What are my options? What tools and technologies can we use?

CLOUD INTEGRATION
Should we always use Logic Apps? What are my other options?
ON-PREMISES INTEGRATION

Azure Integration Services

Integration Service Environments (ISE)

VPN, Data Gateway, Express route

LINE OF BIZ APPS

SSIS

BIZTALK SERVER

SQL

LLGACY SYSTEMS
ON-PREMISES INTEGRATION

Run on Functions, App Service, Kubernetes, Docker and any cloud
HYBRID INTEGRATION

Azure Integration Services

Integration Service Environments (ISE)

VPN, Data Gateway, Express route

WCF Relay

SQL/SSIS

BIZTALK SERVER

LOGIC APP (Preview)

Run on Functions, App Service, Kubernetes, Docker and any cloud

LINE OF BIZ APPS

LLEACY SYSTEMS
Hybrid Integration using BizTalk Server and Logic Apps
LOGIC APPS DEVELOPER OPTIONS

What do you need to know to start developing on Azure Logic Apps and in a productive and effective way.

**AZURE PORTAL**
Simple and quick approach

**VISUAL STUDIO**
Familiar tool for developers.

**VISUAL STUDIO CODE**
Lightweight and free tool
SIMPLE AND QUICK APPROACH

- It is quite intuitive and fast
- It doesn’t require any additional tools or software
- It doesn’t require a Visual Studio License
- And almost beginner tutorials or documentation use this approach
- It doesn’t require any additional skill
- All types of users are familiar with Azure Portal and create Logic Apps

PERFORMANCE

- There are fewer bugs – compare to the other two options;
- The browser reacts faster than the IE embedded in Visual Studio

FASTER UPDATES

- This is the first place where updates will be made

BUT...

- Lack of CI/CD
- Hard to implement a proper naming convention
- Lack of proper Source code repository
- Harder to customize/parameterize your Logic App
- All types of users are familiar with Azure Portal and create Logic Apps
FULL CI/CD SUPPORT.

• We can easily customize almost everything, and we can easily use Azure Pipelines in Azure DevOps to easily deploy across environments or different resources.
• We can easily customize/parameterize our Logic App template, parameters, and variables;
• All the connection settings will be automatically rectified in an upsert matter (create the resource if it doesn’t exist or update if already exist).

PROPER NAMING CONVENTIONS

• We can easily change the default connector names to have a proper naming convention.

FAMILIAR TOOL FOR DEVELOPERS & SOURCE CODE REPOSITORY

• It is a well know tool for developers.
• Visual Studio versioning and the full development life cycle inside TFS or Git.

BUT…

• Visual Studio License
• There are some well-known bugs
• Great amount of manual configurations
• A tool focused on developers
• Performance
• No support for Logic Apps (Preview)
**CI/CD SUPPORT.**

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**FREE OPEN-SOURCE TOOL**

- It is a free open-source tool, which means that you don’t require any licensing;

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**PROPER NAMING CONVENTIONS**

- We can easily change the default connector names to have a proper naming convention

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**BUT...**

- Logic App Designer is view mode only
- Everything needs to be done manually
- No local project support
FULL LOGIC APP DESIGNER

NEW LOGIC APPS DESIGNER

STATEFUL OR STATELESS WORKFLOWS

RUN LOCAL

RUN EVERYWHERE

LOCAL PROJECT SUPPORT

BUT...

• Preview (not ready to production)
• Some limitations
• Logic Apps (Preview): No support to Visual Studio
• Can’t deploy single Logic App
Vielen Dank

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