It's a match! - How Logic Apps support your Azure Admin life

Eric Berg

Microsoft MVP

Azure Lowlands

Eric Berg

Vice President Expert @ CGI

Cloud, Datacenter and Management

Azure, AWS, GCP

info@ericberg.de

@ericberg_de | @GeekZeugs
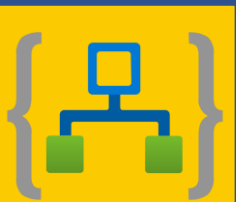
www.ericberg.de | www.geekzeugs.de

Agenda

- INTRO
- Scenario 1 – Having fun - #CreateThisStuff
- Scenario 2 – Help others - #SharePoint
- Scenario 3 – Working in Teams - #StartLAB
- Scenario 4 – Keep an overview - #ResourceGraphBI
- Scenario 5 – Admin Tasks - #BlobIt
- Even more…

Azure
Lowlands

Azure Integration Services

Azure Integration Services

Logic Apps - Create workflows and orchestrate business processes

Azure
Lowlands

Azure Integration Services

Service Bus - Connect on-premises and cloud-based applications and services to implement highly secure messaging workflows

Azure Lowlands

Azure Integration Services

API Management - Publish your APIs securely for internal and external developers

Azure Integration Services

Event Grid - Connect supported Azure and third-party services using a fully managed event-routing service with a publish-subscribe model
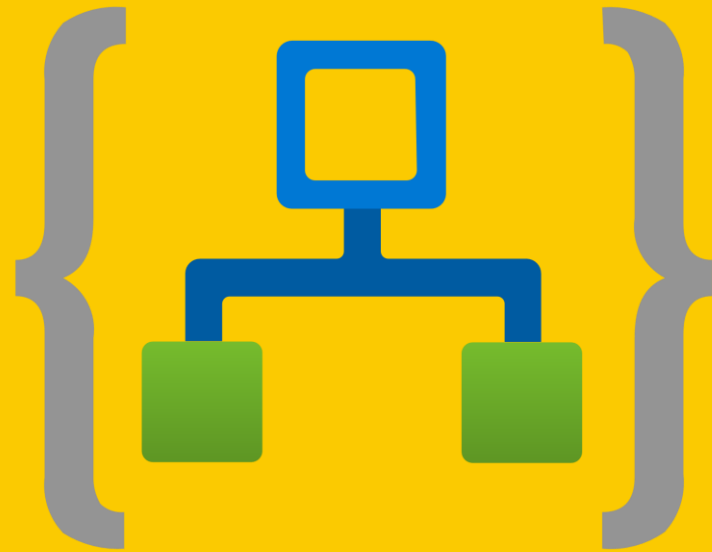
Azure Integration Services

Azure Functions - Simplify complex orchestration problems with an event-driven serverless compute platform

Azure Lowlands

Azure Integration Services

Azure Data Factory - Visually integrate data sources to construct ETL and ELT processes and accelerate data transformation

Azure Integration Services

Logic Apps Overview

- Automate workflows and orchestrate business processes easily
- Out-of-the-box connectors reduce integration challenges
- Connect and integrate data from the cloud to on-premises
- B2B and enterprise messaging in the cloud
- Powerful web-based workflow designer

Azure Lowlands
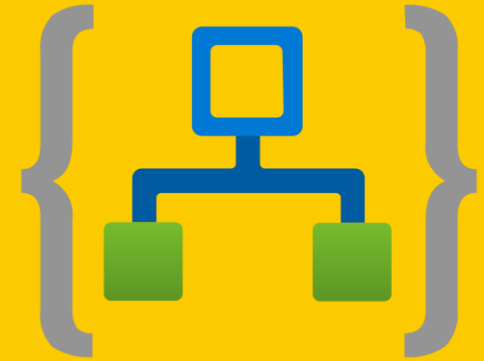
Logic Apps Choices

- Consumption vs. Standard
    - Pay per action vs. Pay for App Service Plan
    - Fully Managed vs. dedicated
- Single- vs. Multi-Tenant
    - Shared vs. Dedicated
    - General vs. Enterprise use
- ISE vs. ASE
    - One workflow vs. multi-flow
    - Fixed vs. Dynamic
- Logic Apps in AKS vs. Azure Arc enabled K8S

Azure Lowlands

Logic Apps Choices

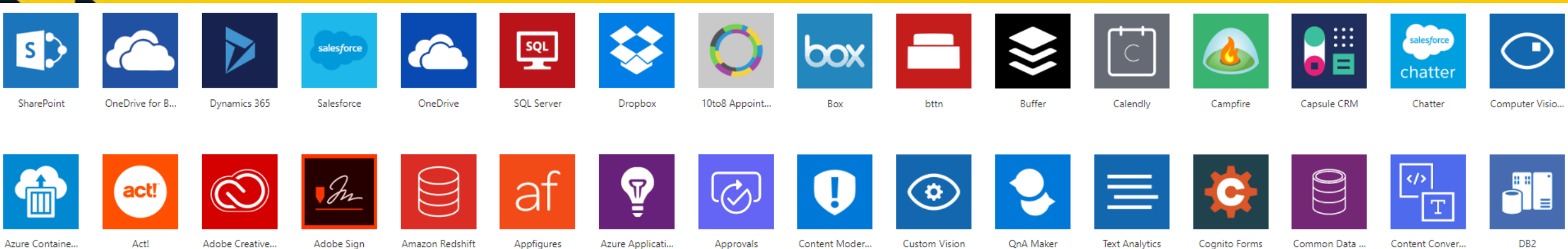| Plan/Features	○ Consumption Serverless, event-driven scaling for lowest minimum cost.	⦿ Standard Best for enterprise-level, serverless applications with event-based scaling and network isolation.
Fast dynamic scale	✓	✓
Network isolation	-	✓
Always on instances	-	✓
Pay as you go usage	✓	-

Overview Logic Apps

- Visual Designer

- triggers and actions

- Hundreds of connectors

- No-code logic: If, For Each, Do Until, variables and much more

- Built for mission critical 24x7 Enterprise Integration
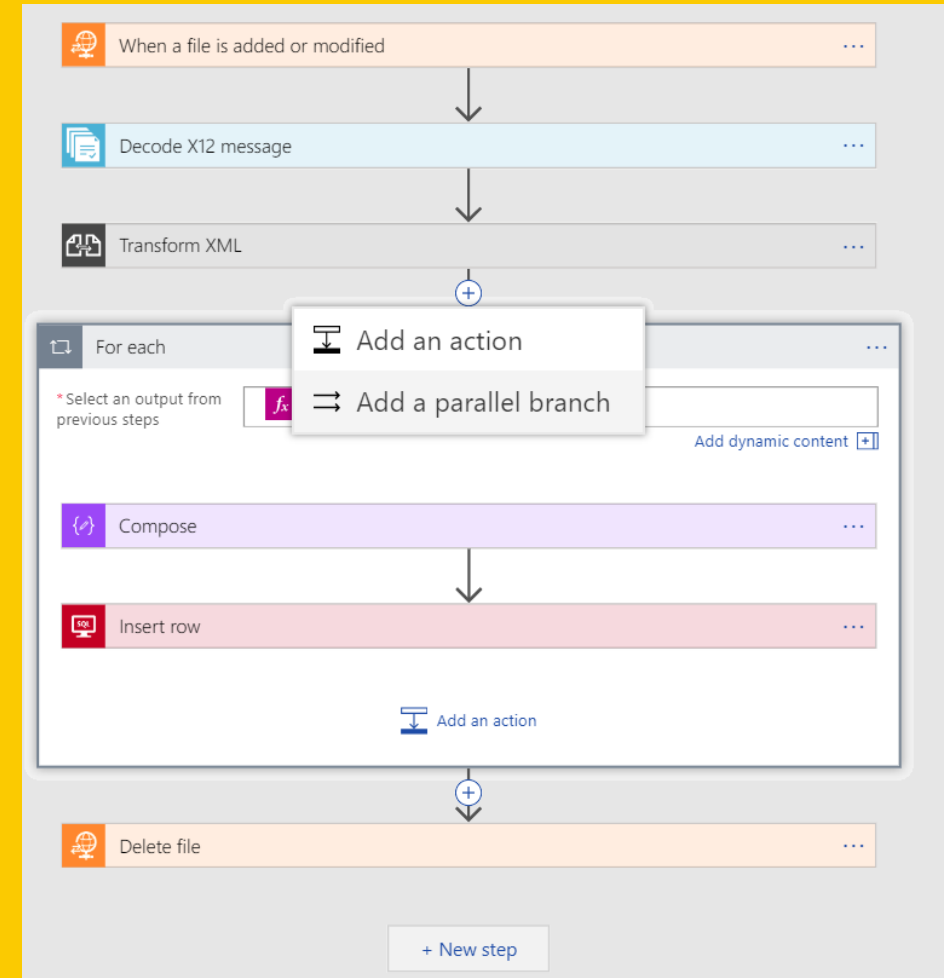
Connected

- Built-in connectivity to 200+ SaaS cloud services, file providers, databases, web APIs, productivity apps, and more
- Connect to on-premises systems via Data Gateway
- Pluggable extensibility via Custom Connectors to integrate existing LOB systems into Logic Apps including SOAP support

SharePoint · OneDrive for B... · Dynamics 365 · Salesforce · OneDrive · SQL Server · Dropbox · 10to8 Appoint... · Box · bttn · Buffer · Calendly · Campfire · Capsule CRM · Chatter · Computer Visio...

Azure Containe... · Act! · Adobe Creative... · Adobe Sign · Amazon Redshift · Appfigures · Azure Applicati... · Approvals · Content Moder... · Custom Vision · QnA Maker · Text Analytics · Cognito Forms · Common Data ... · Content Conver... · DB2

Logic Apps Cost

- Actions:

  - Triggers

  - "Built-in" or native actions such as HTTP, …

  - Calls to connectors (e.g O365, Dropbox, …)

  - Control flow steps, (loops, conditions, …)

- Connector:

  - Standard: O365, DropBox, …

  - Enterprise: SAP, IBM MQ, and IBM 3270

	Price Per Execution
Actions	First 4,000 actions free - Included €0.000024
	Price Per Call
Standard Connector	€0.000117
Enterprise Connector	€0.000934

Scenario 1
Having fun -
#CreateThisStuff

Azure
Lowlands

Scenario 2
Help others - #SharePoint

Scenario 3
Working in Teams - #StartLAB

Scenario 4
Keep an overview - #ResourceGraphBI

Scenario 5
Admin Tasks - #BlobIt

Even more...

- Documentation
- Notifications
- Compliance Tracking
- Import / Export
- Operations Integration
- ...

Azure Lowlands

Thank you!
Questions?!