

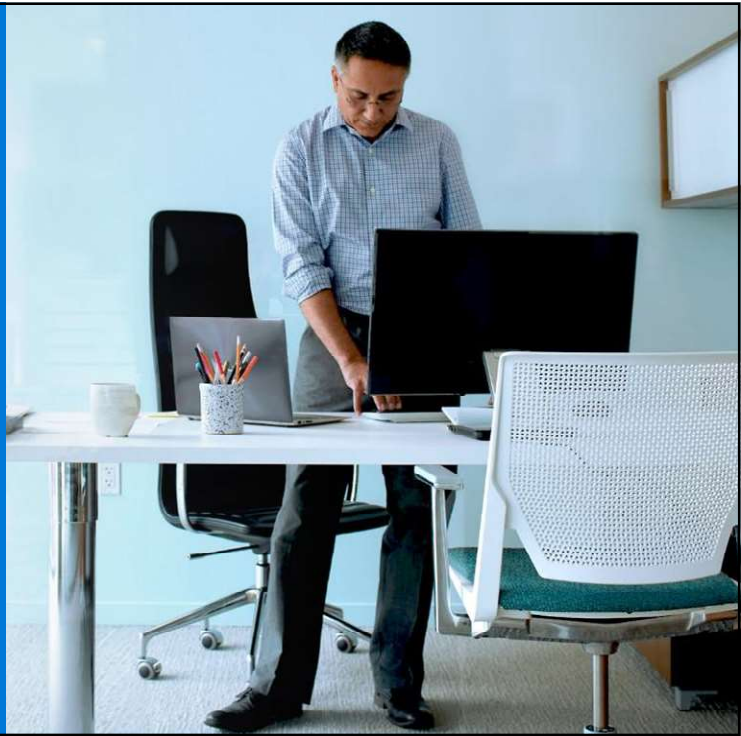


Global Azure Bootcamp DEVELOPER LAB

Azure Functions and Logic Apps

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Cloud Solution Architect

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The “evolution” of application platforms



On-Premises



IaaS



PaaS



Serverless



What is Serverless?



Abstraction
of servers



Event-driven/
instant scale



Micro-billing

Benefits of Serverless



Manage apps
not servers

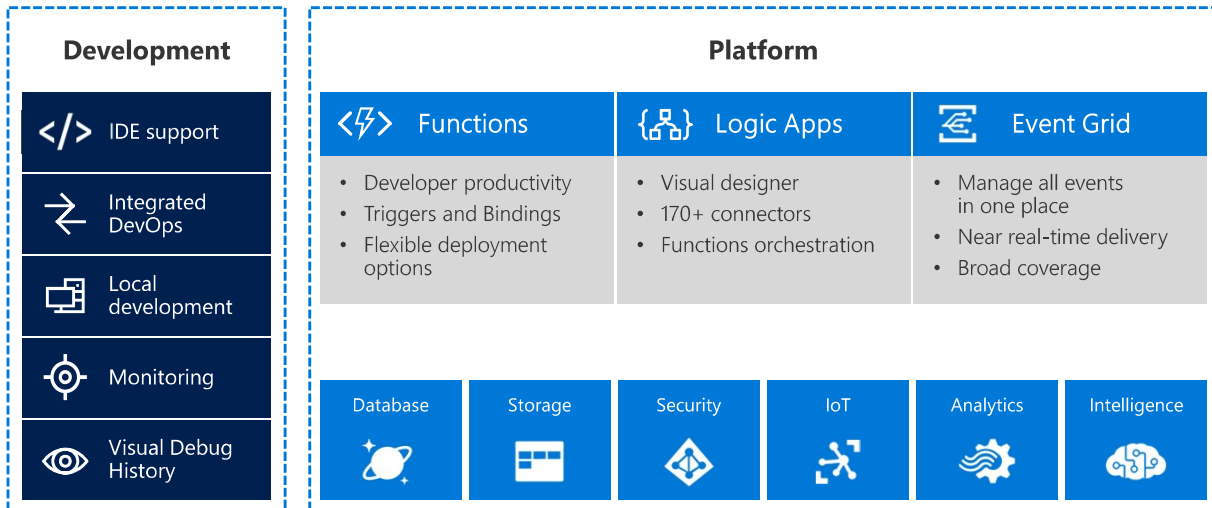


Reduced
DevOps



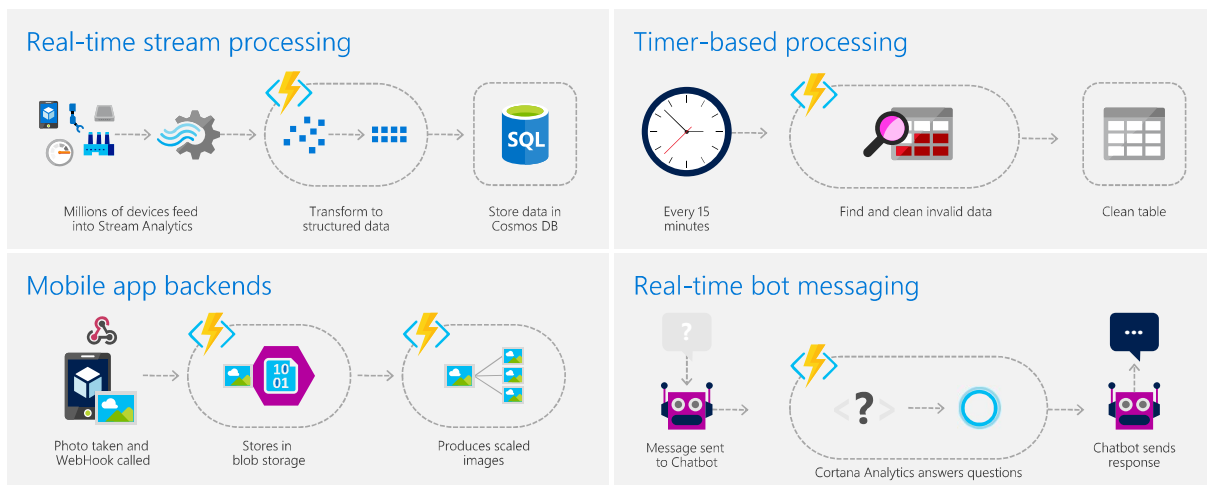
Faster time
to market

Serverless application platform components



Scenarios

Anything that needs to respond to events



Azure Functions



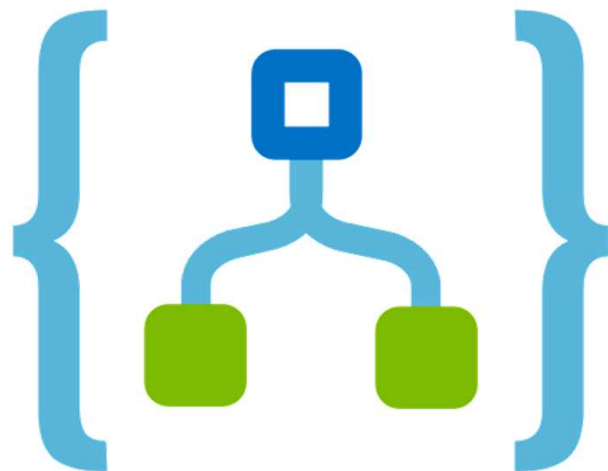
Azure Functions



Triggers and Bindings

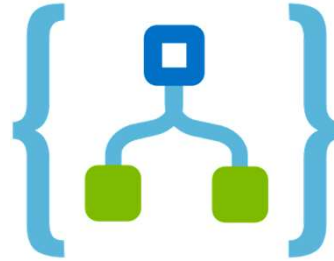
Type	Service	Trigger	Input	Output
Schedule	Azure Functions	✓		
HTTP (REST or webhook)	Azure Functions	✓		✓
Blob Storage	Azure Storage	✓	✓	✓
Events	Azure Event Hubs	✓		✓
Queues	Azure Storage	✓		✓
Queues and topics	Azure Service Bus	✓		✓
Storage tables	Azure Storage		✓	✓
SQL tables	Azure Mobile Apps		✓	✓
No-SQL DB	Azure DocumentDB		✓	✓
Push notifications	Azure Notification Hubs			✓
Twilio SMS Text	Twilio			✓
SendGrid email	SendGrid			✓

Azure Logic Apps



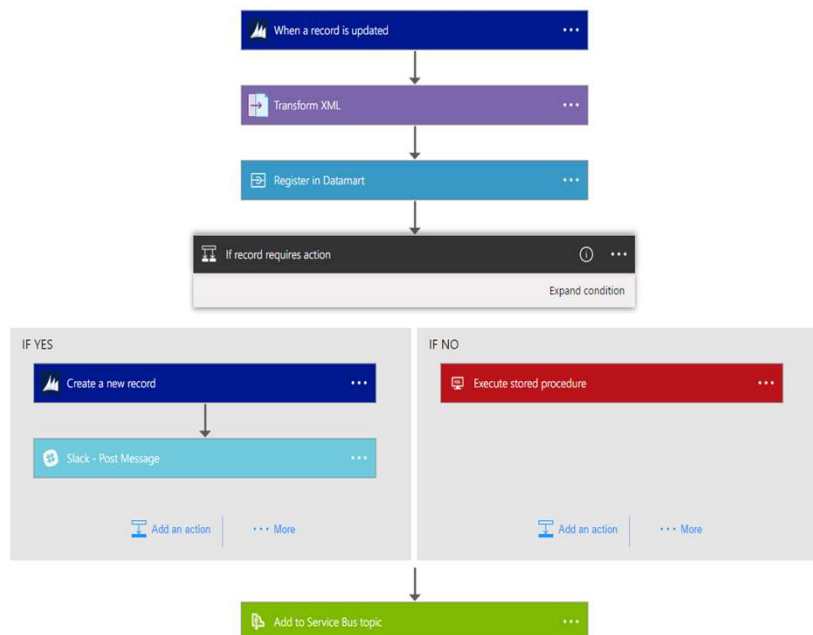
Azure Logic Apps

Fast integrations using a visual designer
and workflow creation with triggers and actions
Connect applications, data and services
Connect and orchestrate Azure Functions

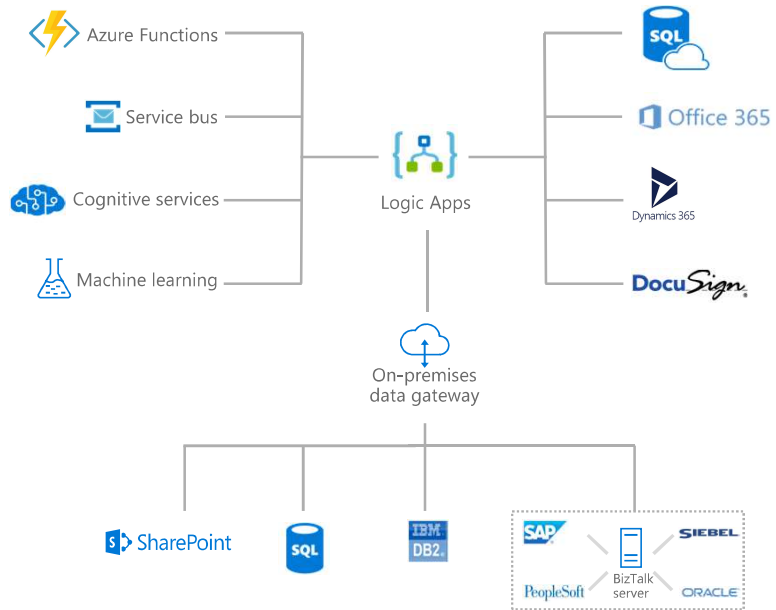


Logic Apps Workflow Designer

Workflow in the cloud
Powerful control flow
Connect disparate
applications
No code designer
for rapid creation
Also works within Visual
Studio for added CI/CD



Logic Apps connects everything

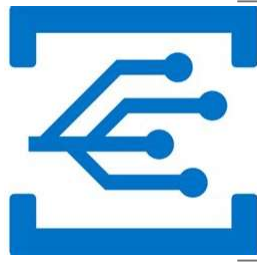
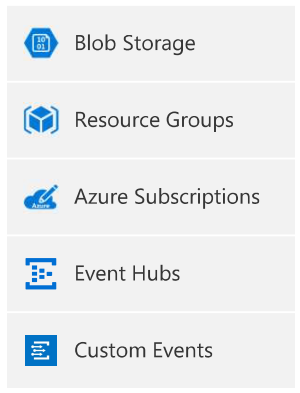


Azure Event Grid

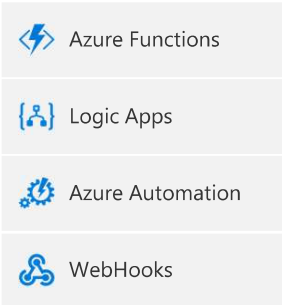


Azure Event Grid

Event publishers



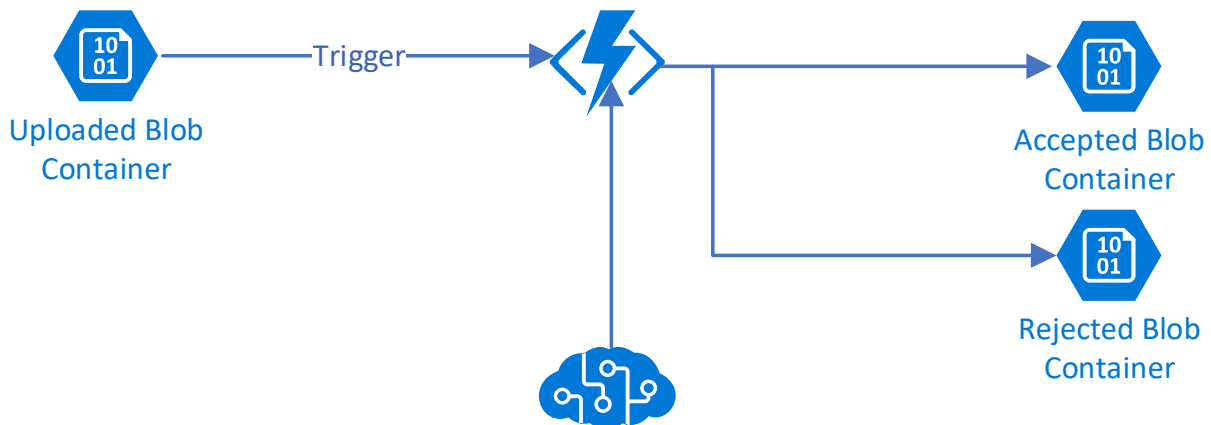
Event handlers



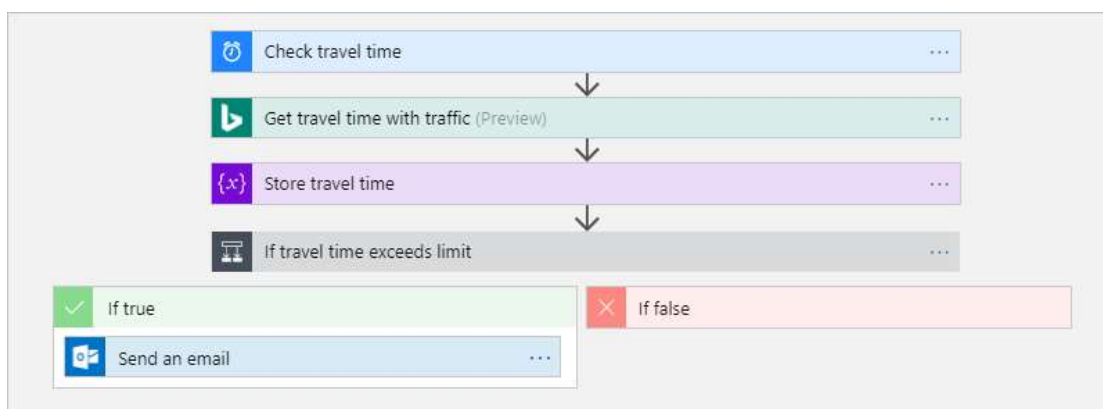
Azure
Serverless
Labs



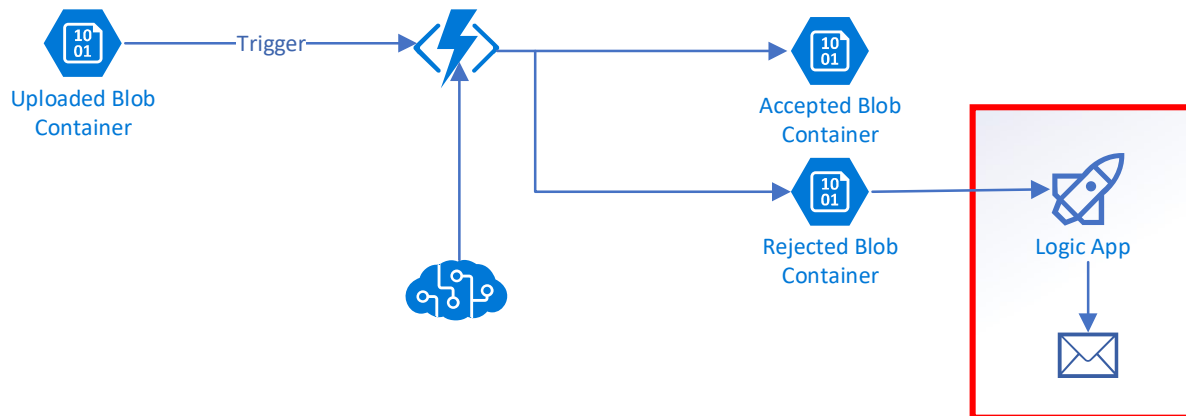
Azure Functions Lab



Azure Logic Apps Lab



Azure Functions Lab – Challenge



Learn more at
azure.com/serverless



Find the Labs at
aka.ms/mnGABinfo



Take our survey
aka.ms/mnGAB

