PROLOGUE
dev up
Building Serverless Solutions
with Azure and .NET

Overview of Azure Serverless

Harnessing the Power of Microservice Azure

Azure Serverless

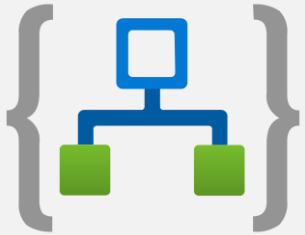
Compute

Azure Container Apps

Azure Functions

Azure Serverless

Workflow and Integration



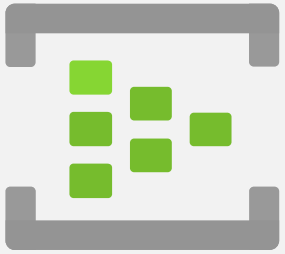
Azure Logic Apps

API Management

Azure Event Grid

Azure Serverless

Data Processing and Analytics



Azure Event Hubs

Azure Stream Analytics

Azure Synapse Analytics

Azure Data Lake Analytics

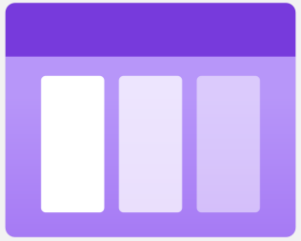
Azure Serverless

Messaging

Azure Service Bus

Azure Event Hubs

Azure Event Grid



Azure Storage Queues

Azure Serverless

Data Storage

Azure SQL Database

Azure Cosmos DB

Azure Storage

Azure Functions

Code

Events + data

Choice of Language

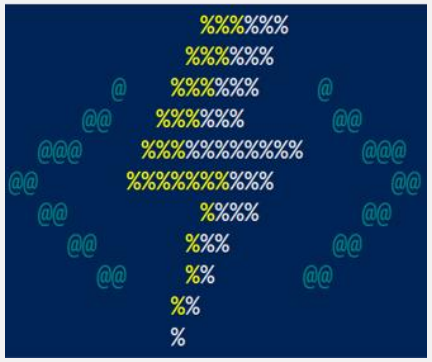
Bring your own dependencies

Simplified Integration

RabbitMQ

twilio

Flexible Development



Maven™

Many Hosting Options

Consumption

Serverless

Premium

Sort of Serverless

Dedicated

App Service Plan

Container Apps

Consumption, Dedicated

App Service Environment

Network Isolation

Azure Stack

On Premises

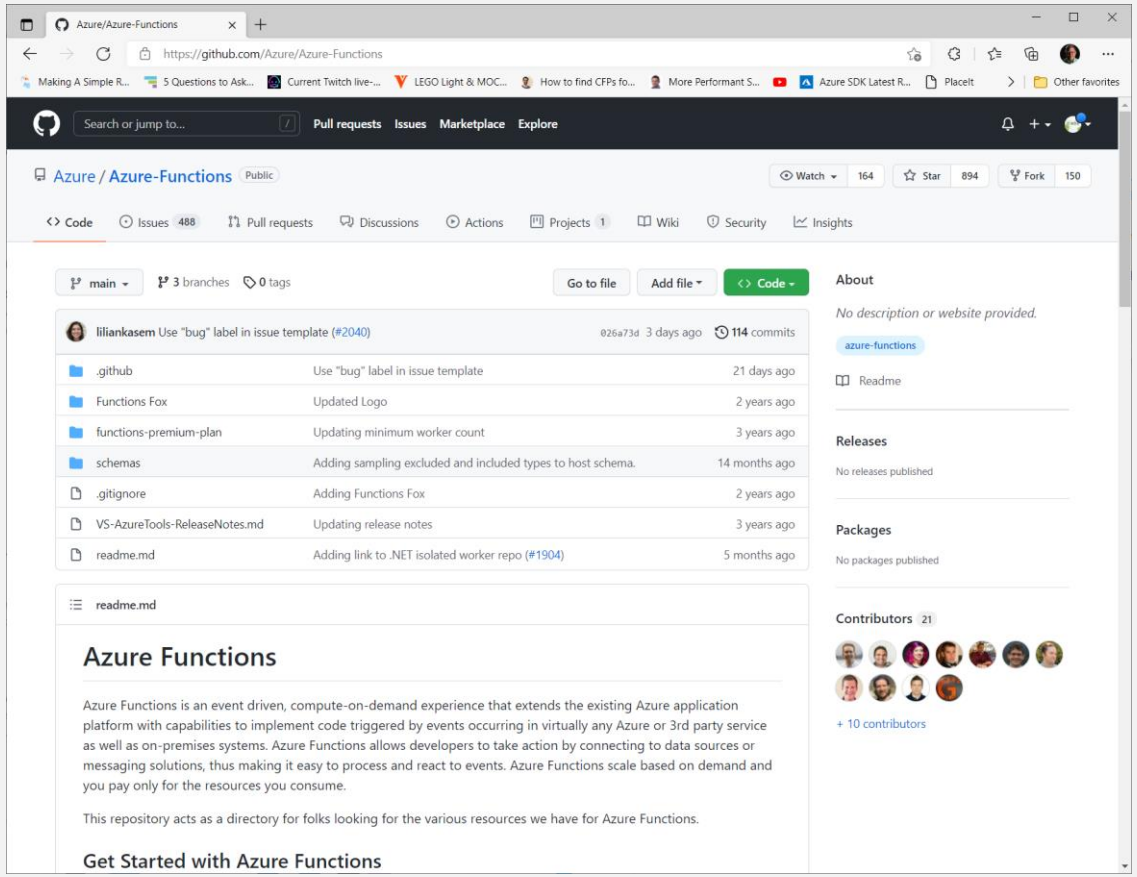
Functions Runtime

Your Server

Azure IoT Edge

On Devices

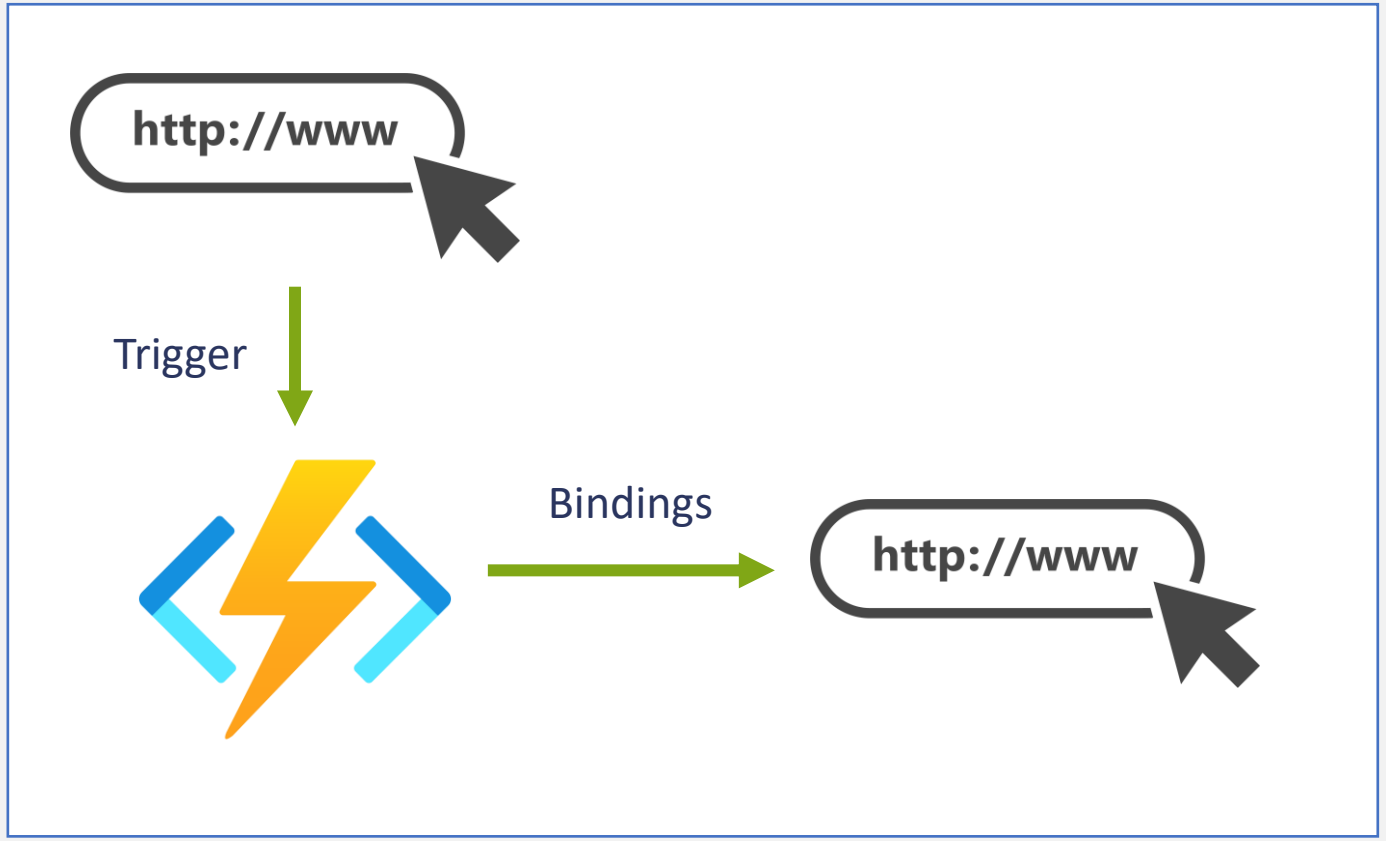
Open Source


Azure/Azure-Functions
https://github.com/Azure/Azure-Functions
Search or jump to...
Pull requests
Issues
Marketplace
Explore
Azure / Azure-Functions
Public
Watch 164
Star 894
Fork 150
Code
Issues 488
Pull requests
Discussions
Actions
Projects 1
Wiki
Security
Insights
main
3 branches
0 tags
Go to file
Add file
Code
liliankasem Use "bug" label in issue template (#2040)
026a73d 3 days ago
114 commits
.github Use "bug" label in issue template 21 days ago
Functions Fox Updated Logo 2 years ago
functions-premium-plan Updating minimum worker count 3 years ago
schemas Adding sampling excluded and included types to host schema. 14 months ago
.gitignore Adding Functions Fox 2 years ago
VS-AzureTools-ReleaseNotes.md Updating release notes 3 years ago
readme.md Adding link to .NET isolated worker repo (#1904) 5 months ago
readme.md
Azure Functions
Azure Functions is an event driven, compute-on-demand experience that extends the existing Azure application platform with capabilities to implement code triggered by events occurring in virtually any Azure or 3rd party service as well as on-premises systems. Azure Functions allows developers to take action by connecting to data sources or messaging solutions, thus making it easy to process and react to events. Azure Functions scale based on demand and you pay only for the resources you consume.
This repository acts as a directory for folks looking for the various resources we have for Azure Functions.
Get Started with Azure Functions
About
No description or website provided.
azure-functions
Readme
Releases
No releases published
Packages
No packages published
Contributors 21
+ 10 contributors

Triggers and Bindings

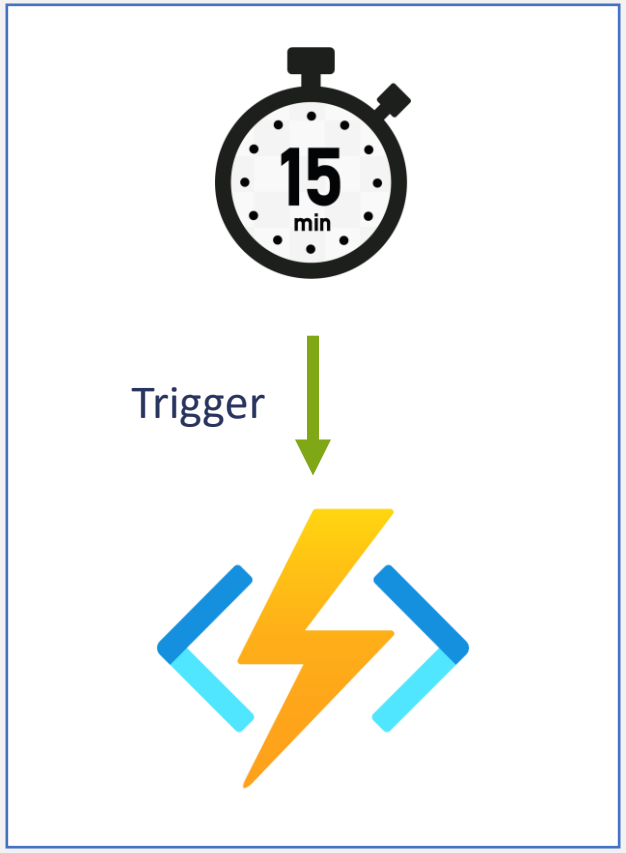
HTTP

Tigger	✓
Input	✗
Output	✓
Consumption	✓
Premium	✓
Dedicated	✓



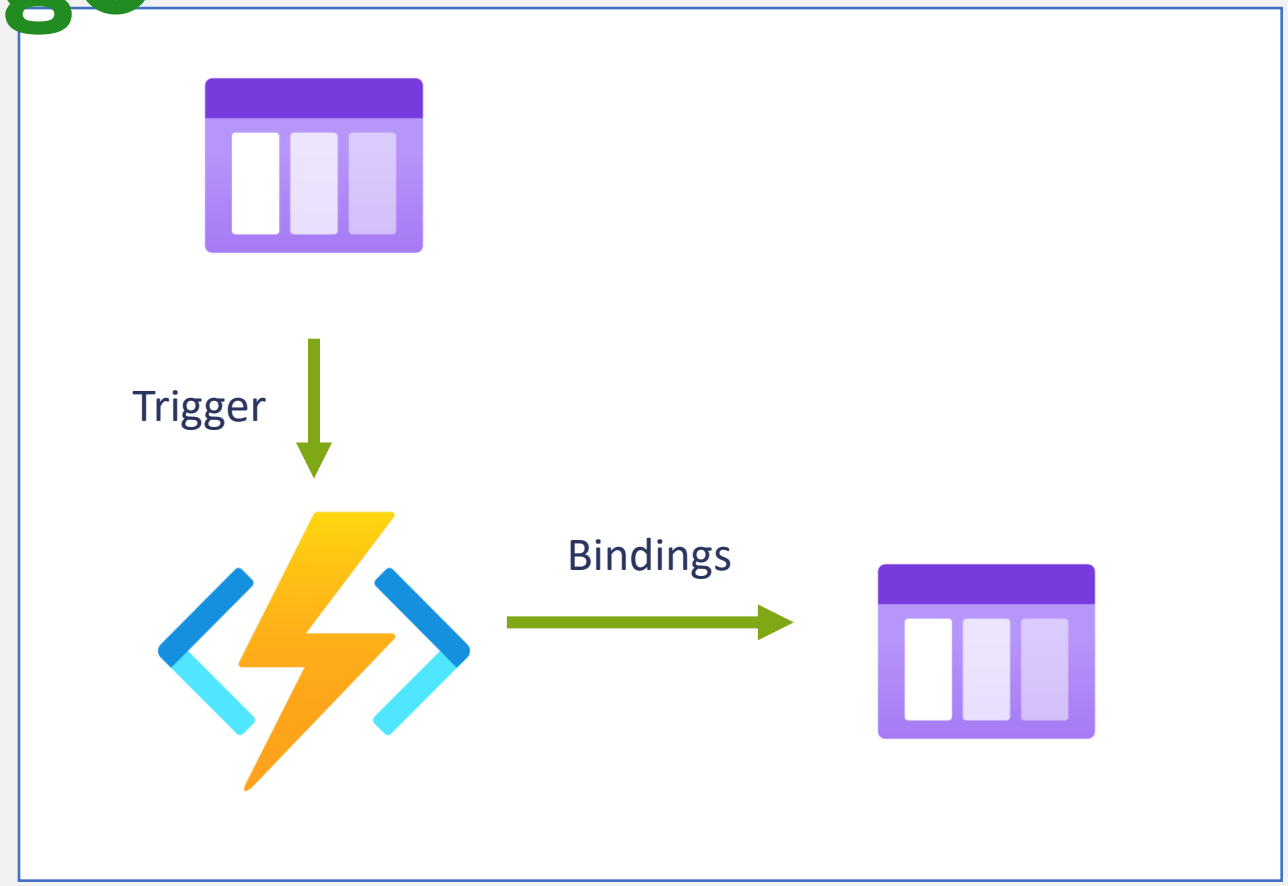
Timer

Tigger	✓
Input	✗
Output	✗
Consumption	✓
Premium	✓
Dedicated	✓



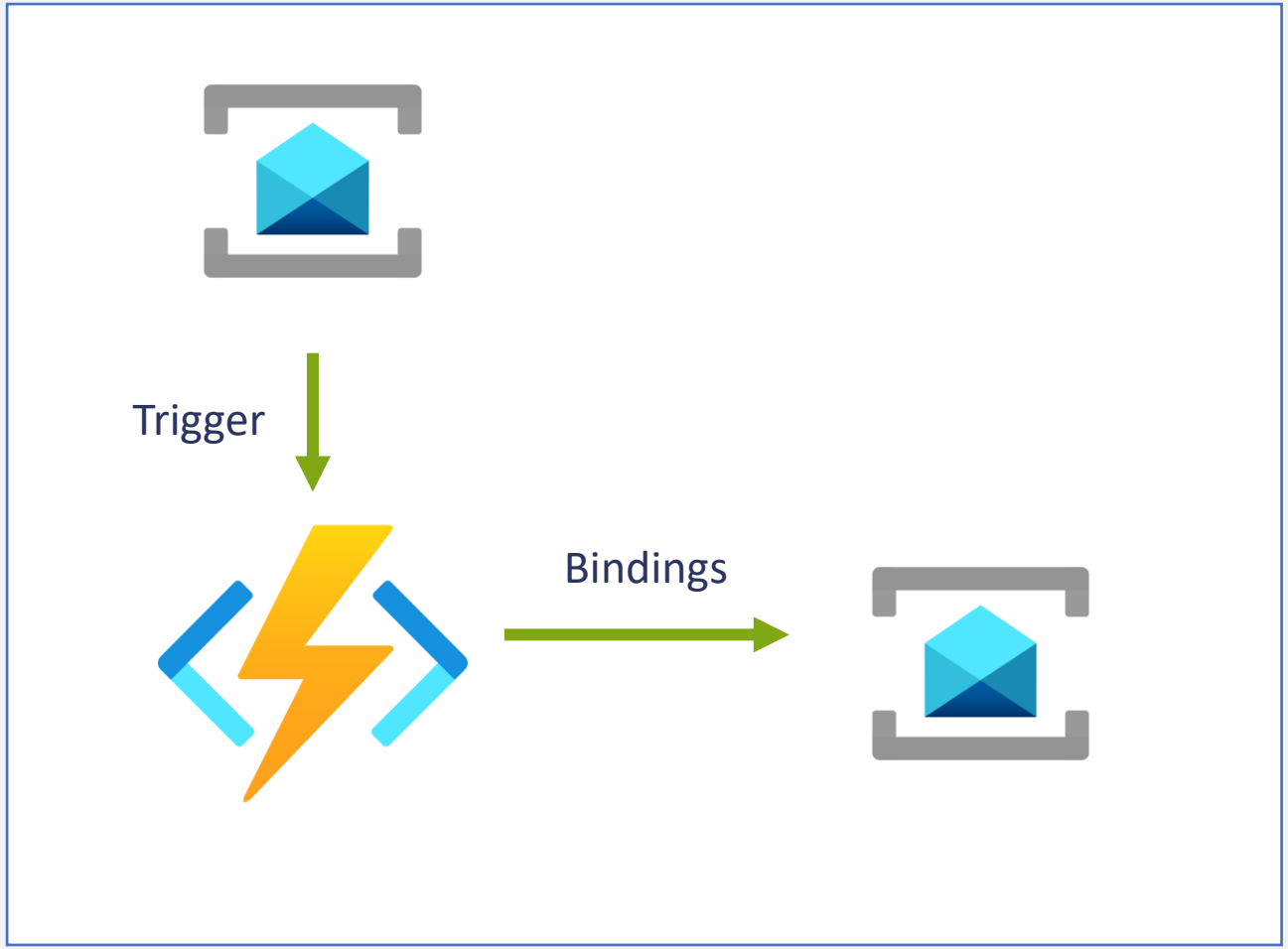
Queue Storage

Tigger	✓
Input	✗
Output	✓
Consumption	✓
Premium	✓
Dedicated	✓



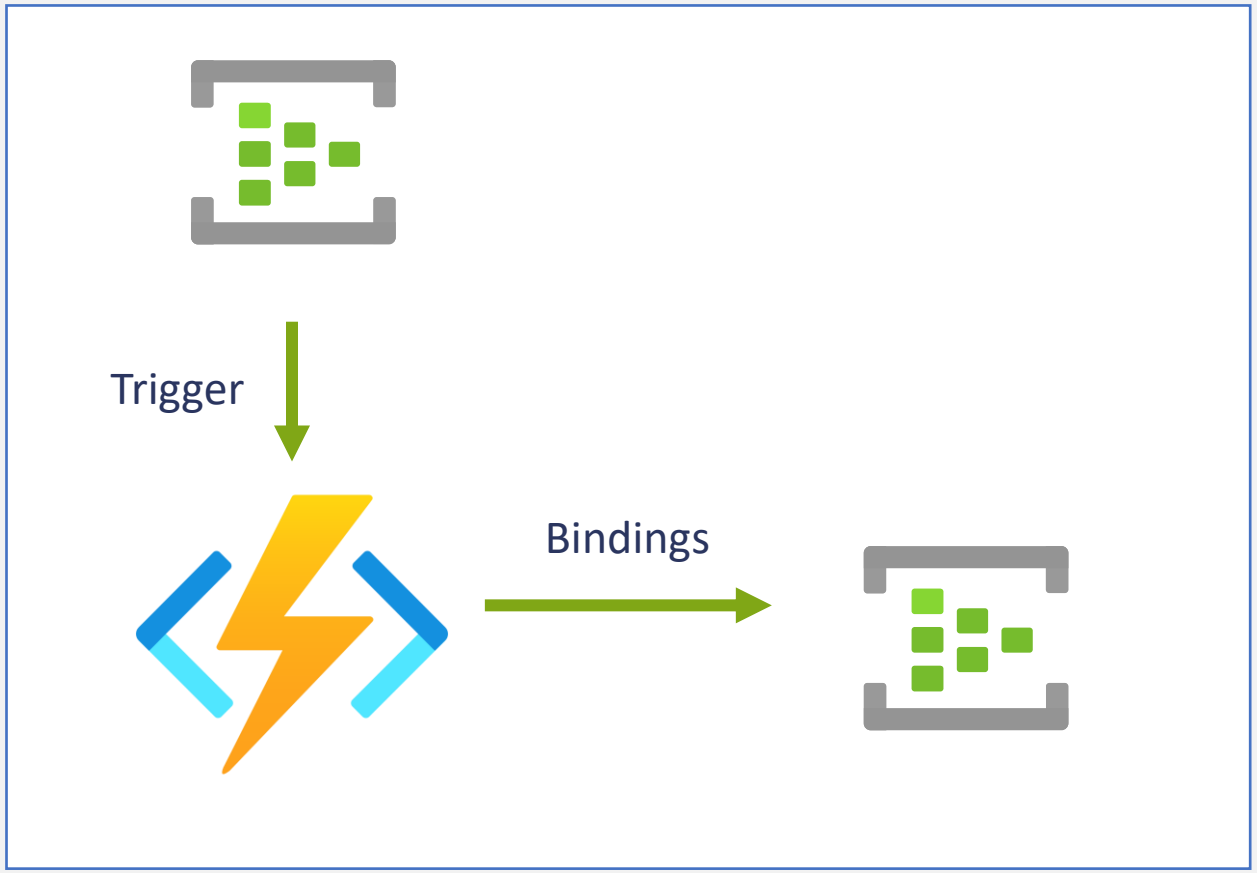
Service Bus

Tigger	✓
Input	✗
Output	✓
Consumption	✓
Premium	✓
Dedicated	✓



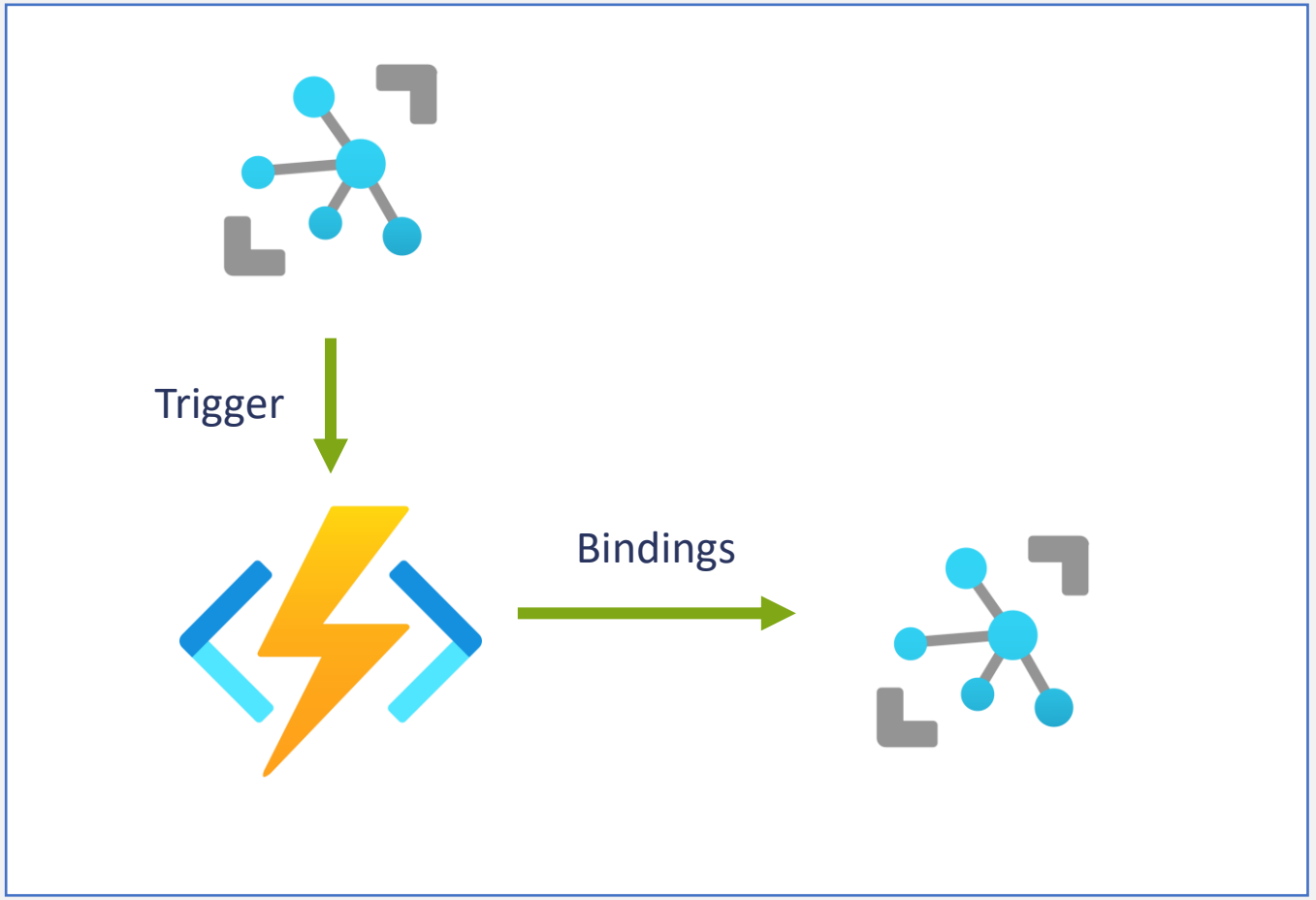
Event Hub

Tigger	✓
Input	✗
Output	✓
Consumption	✓
Premium	✓
Dedicated	✓



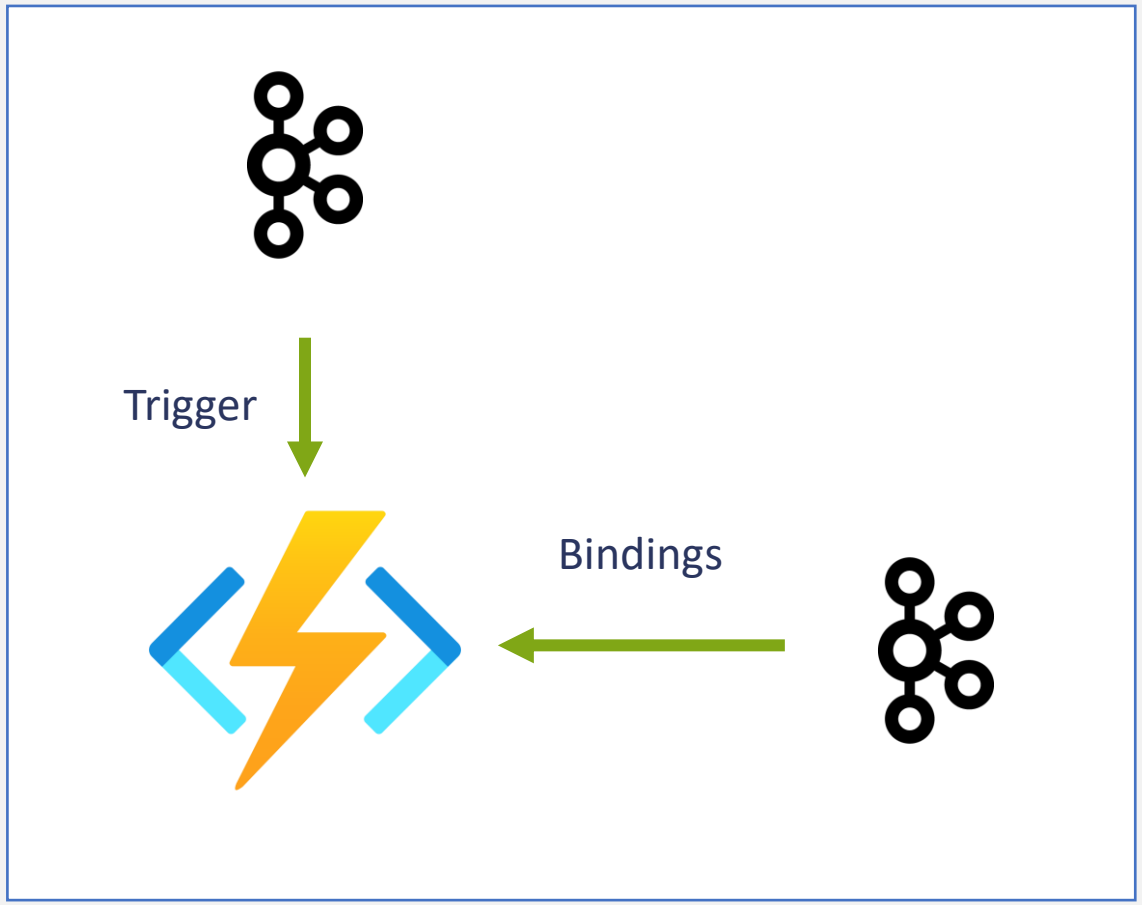
IoT Hub

Tigger	✓
Input	✗
Output	✓
Consumption	✓
Premium	✓
Dedicated	✓



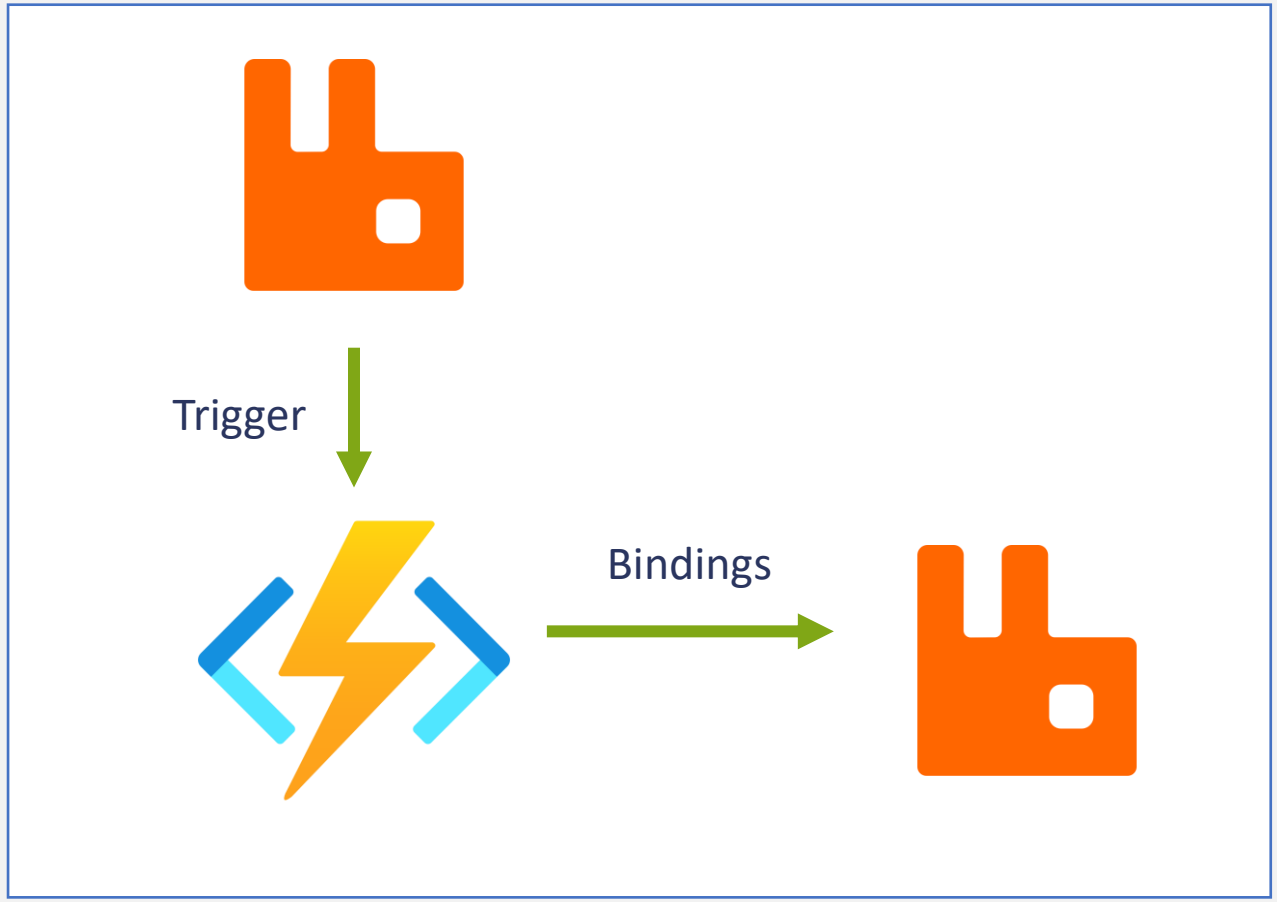
Kafka

Tigger	✓
Input	✗
Output	✓
Consumption	✗
Premium	✓
Dedicated	✓



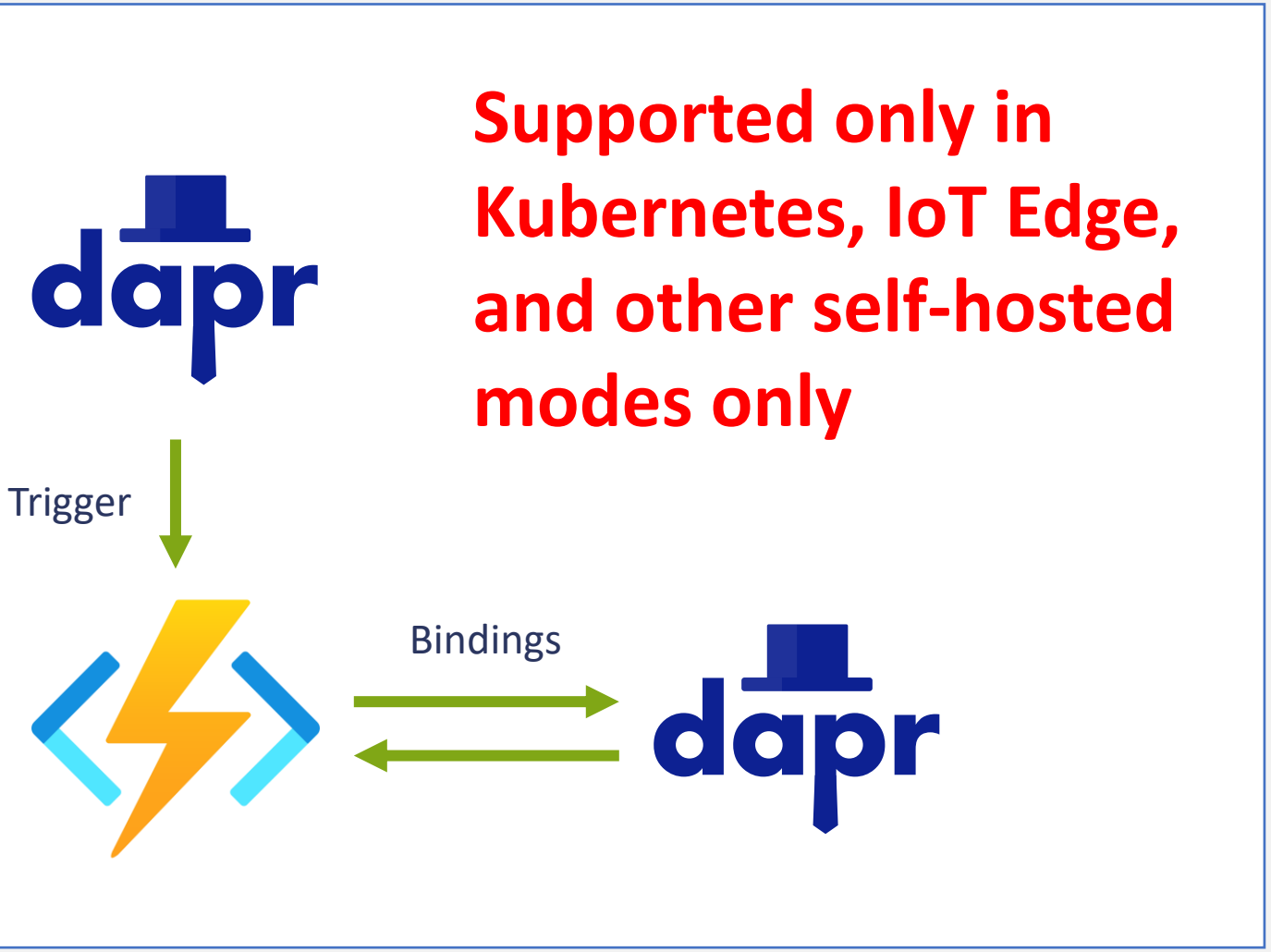
RabbitMQ

Tigger	✓
Input	✗
Output	✓
Consumption	✗
Premium	✓
Dedicated	✓



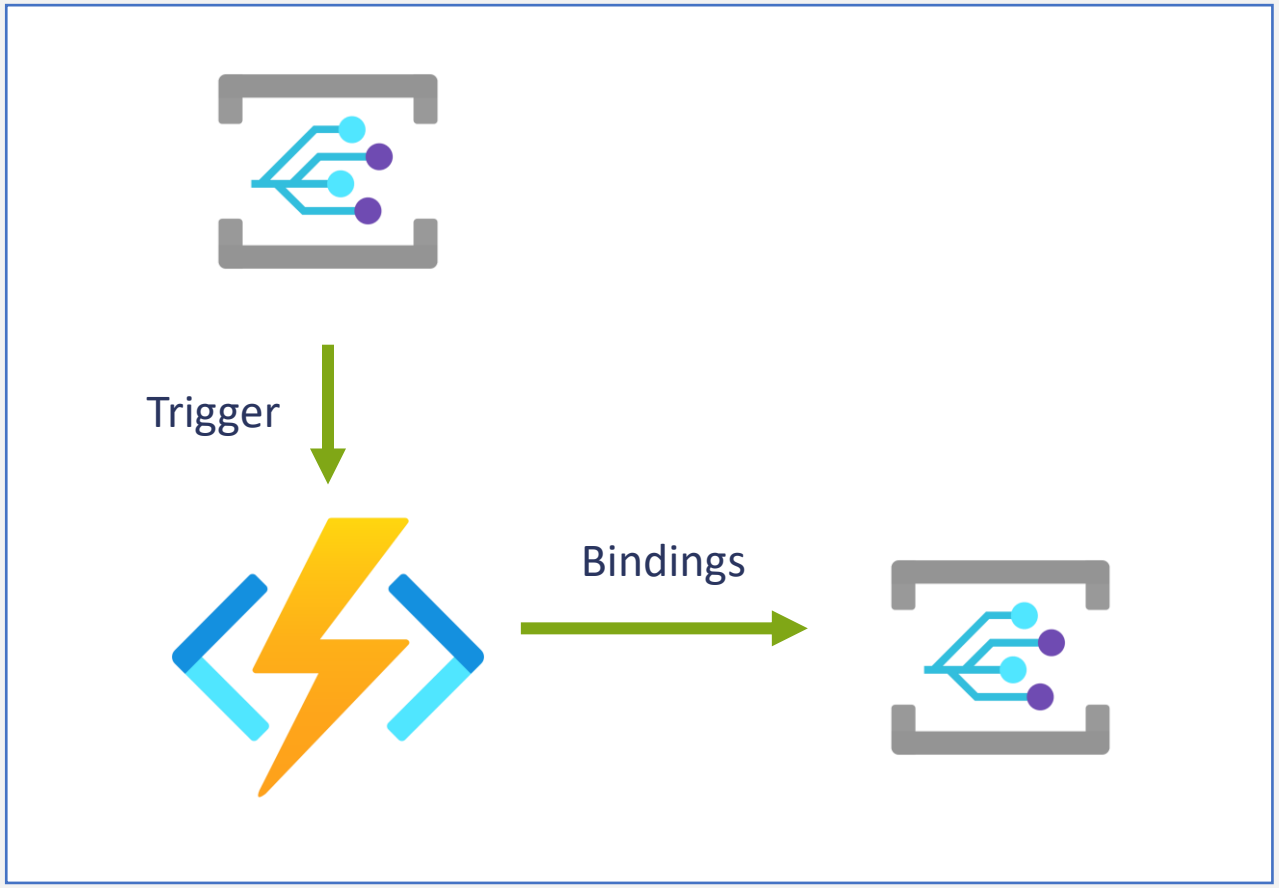
Dapr

Tigger	✓
Input	✓
Output	✓
Consumption	✗
Premium	✗
Dedicated	✓



Event Grid

Tigger	✓
Input	✗
Output	✓
Consumption	✓
Premium	✓
Dedicated	✓



Blob

Tigger	✓
Input	✓
Output	✓
Consumption	✓
Premium	✓
Dedicated	✓

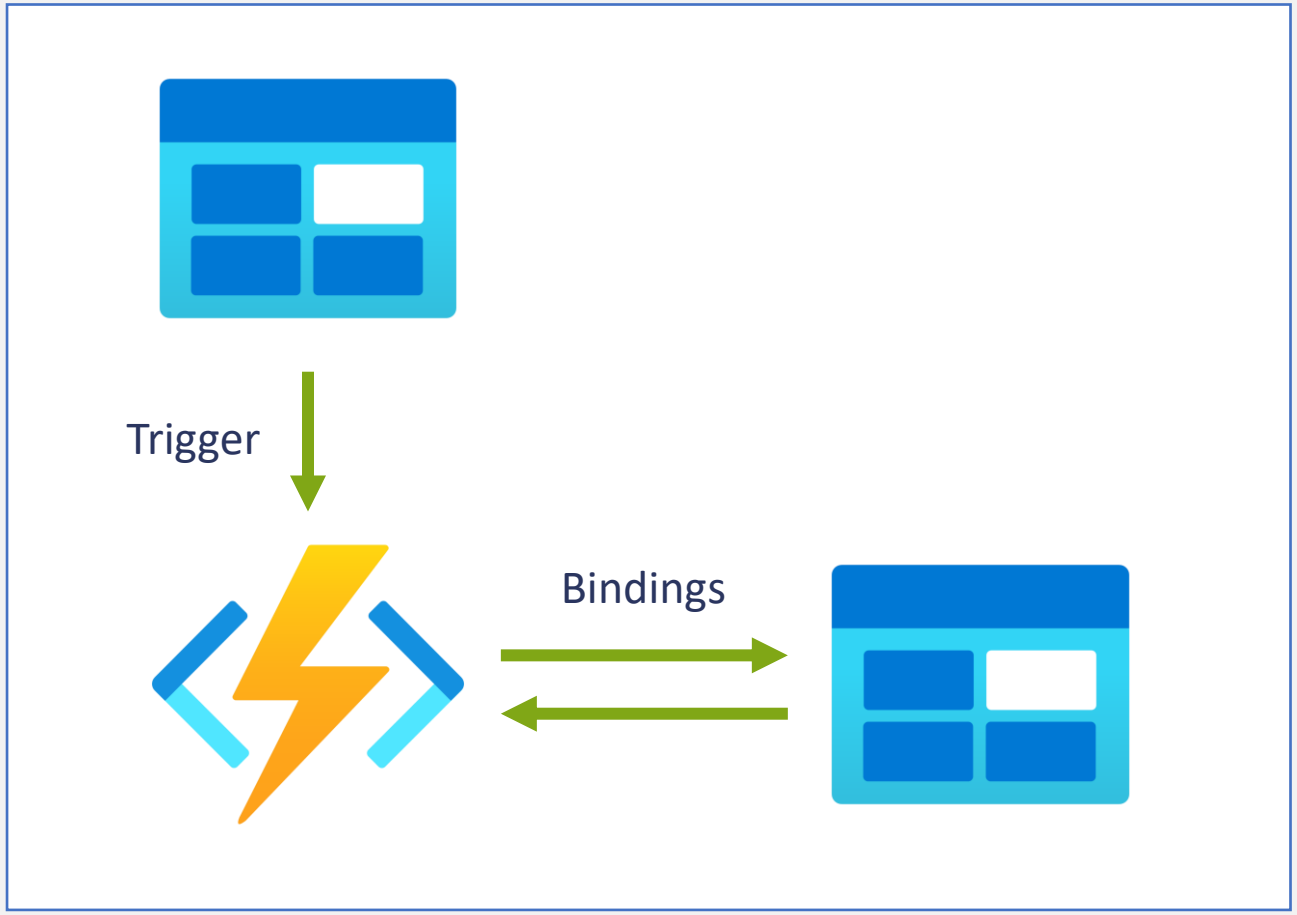
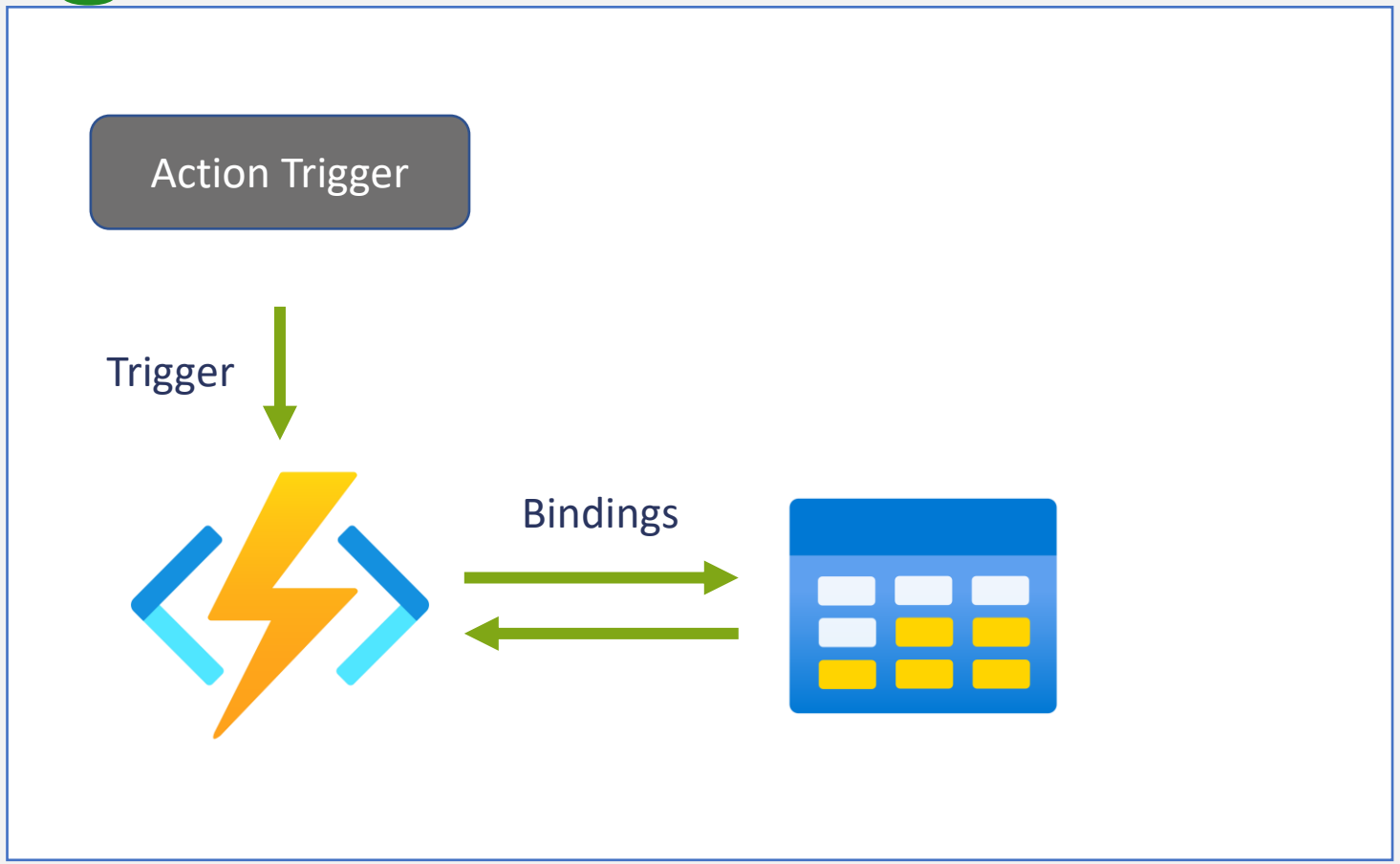


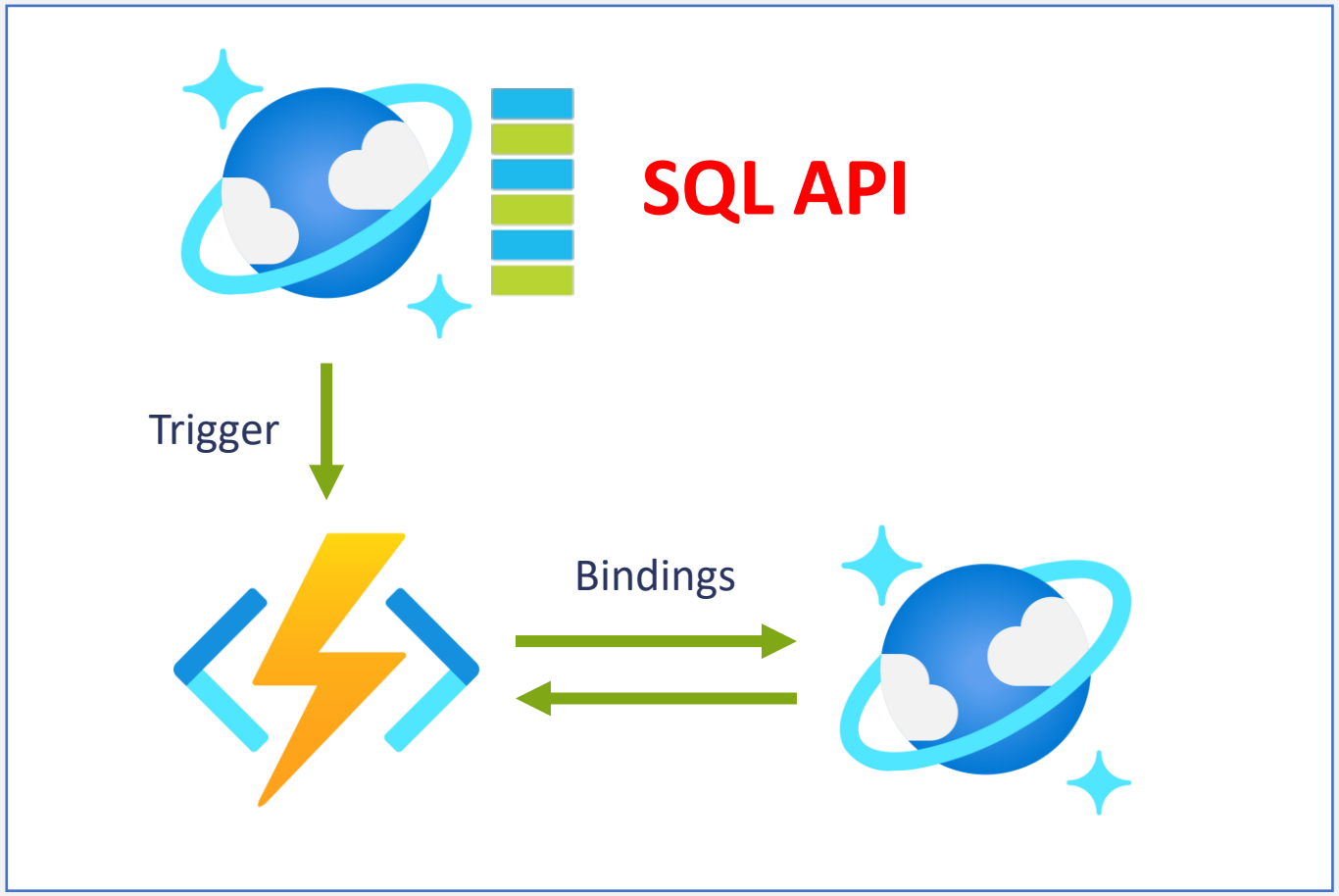
Table Storage

Tigger	✗
Input	✓
Output	✓
Consumption	✓
Premium	✓
Dedicated	✓



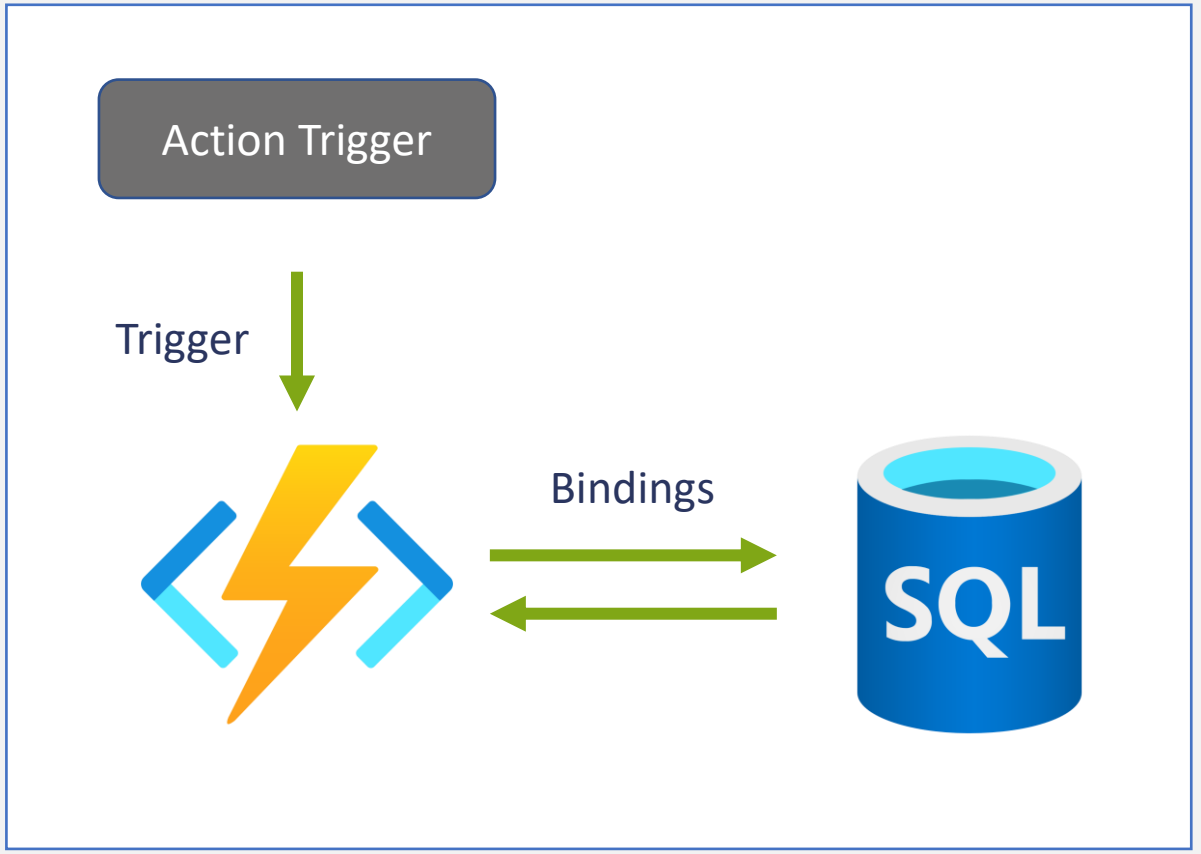
Cosmos DB

Tigger	✓
Input	✓
Output	✓
Consumption	✓
Premium	✓
Dedicated	✓



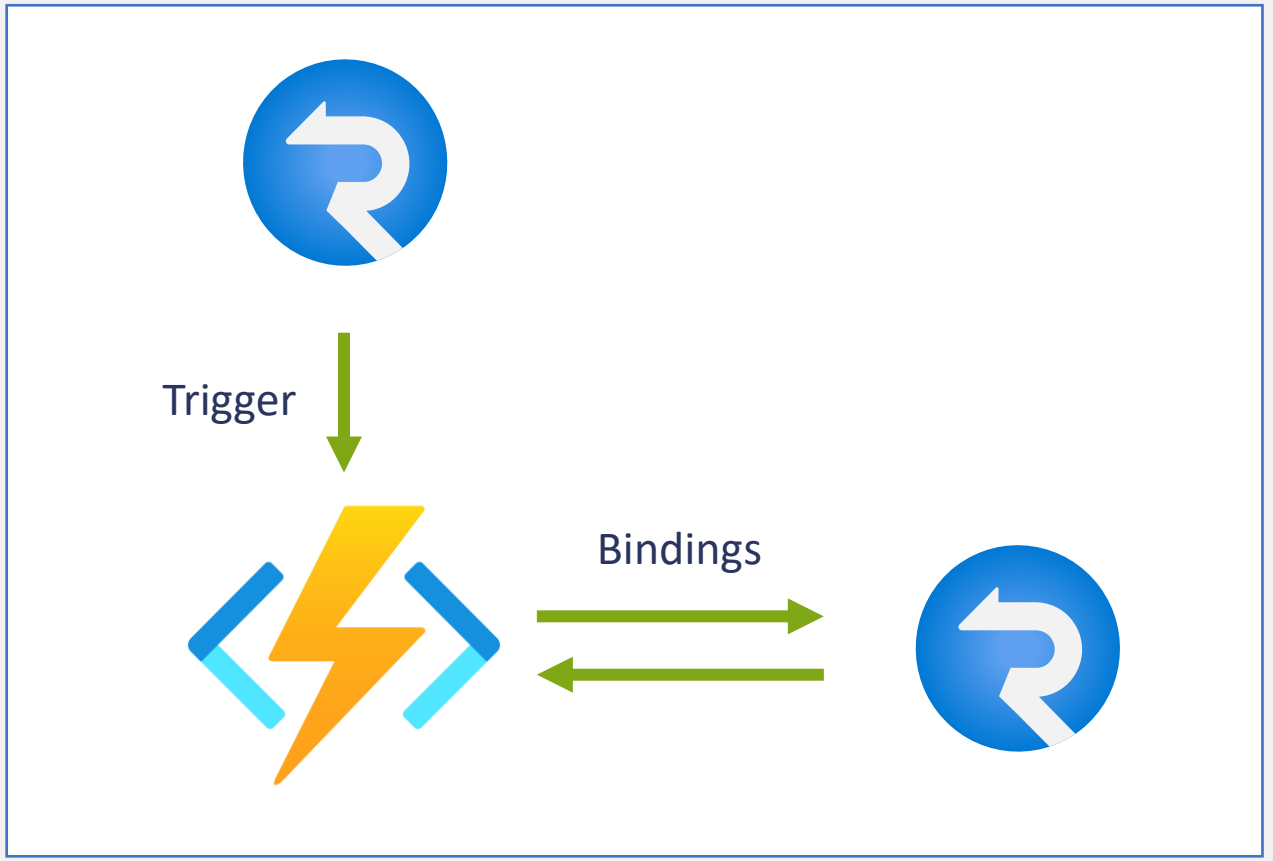
Azure SQL

Tigger	✓
Input	✓
Output	✓
Consumption	✗
Premium	✓
Dedicated	✓



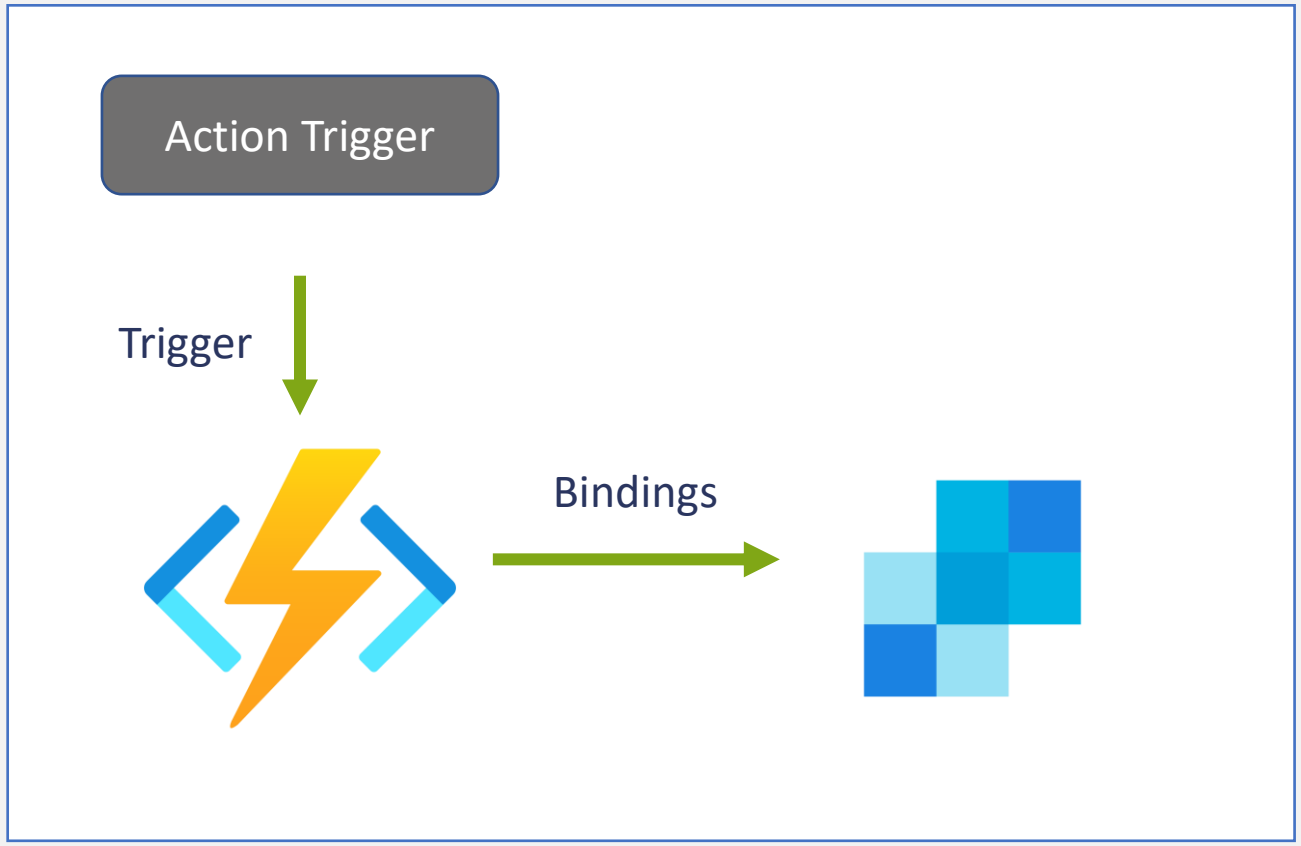
SignalR

Tigger	✓
Input	✓
Output	✓
Consumption	✓
Premium	✓
Dedicated	✓



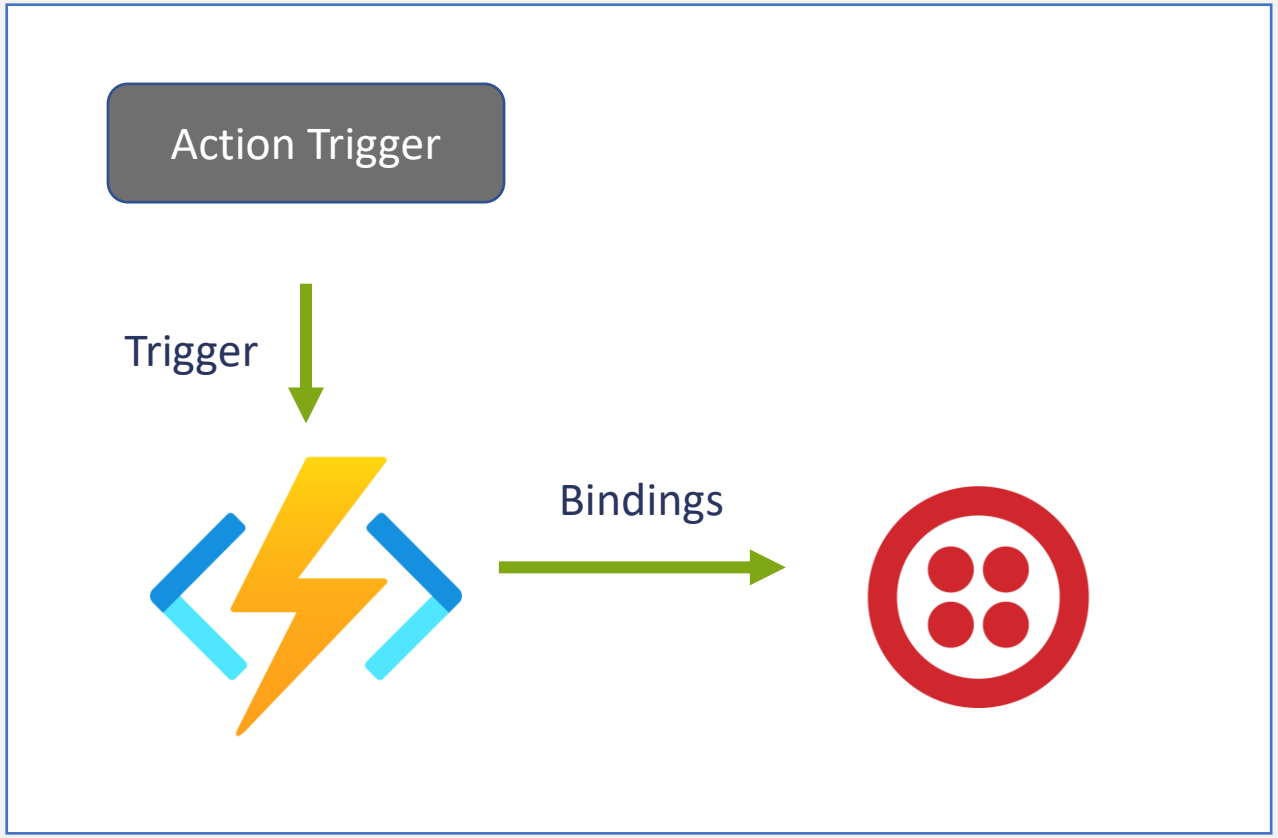
SendGrid

Tigger	✗
Input	✗
Output	✓
Consumption	✓
Premium	✓
Dedicated	✓



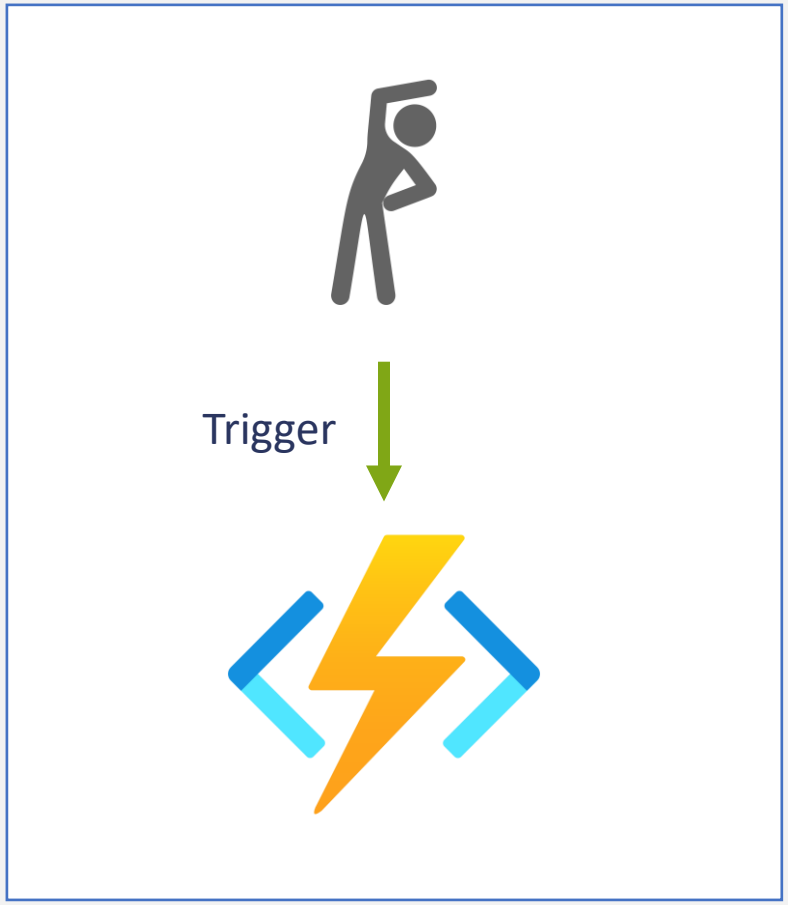
Twilio

Tigger	✗
Input	✗
Output	✓
Consumption	✓
Premium	✓
Dedicated	✓

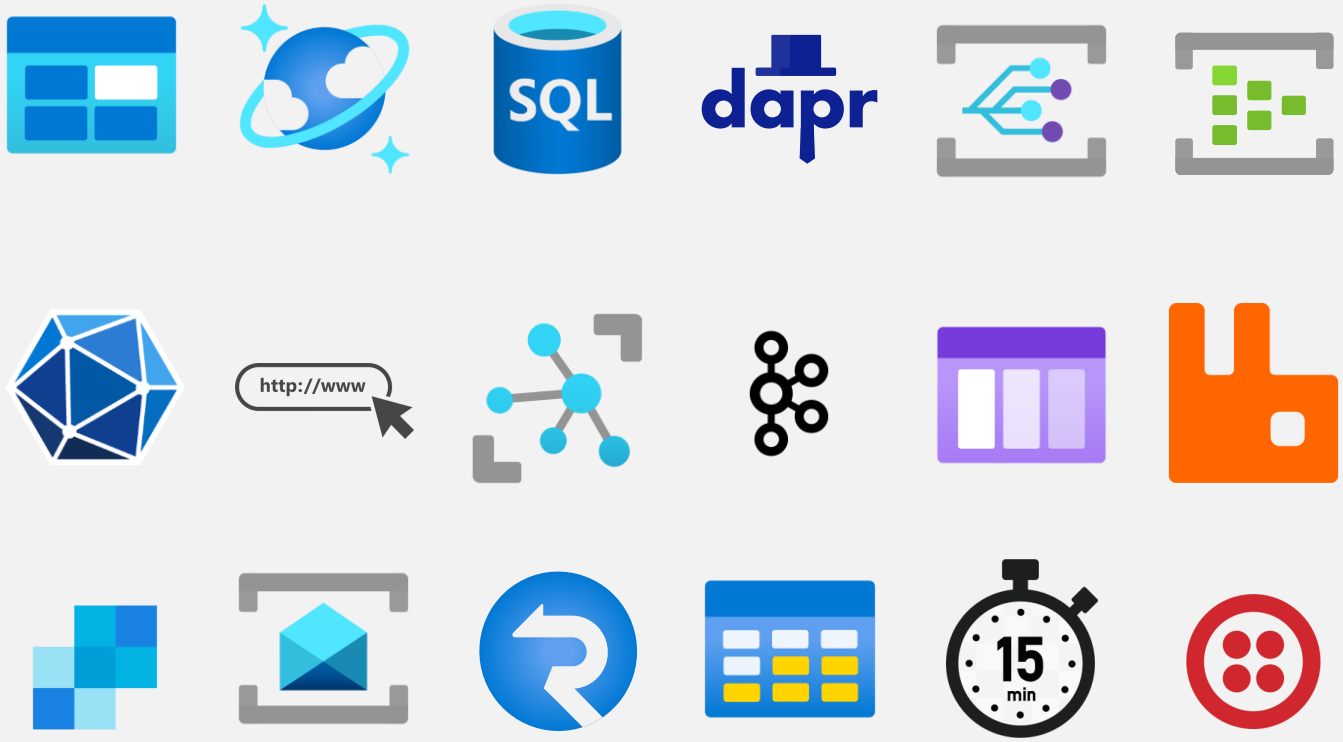


Warmup

Tigger	✓
Input	✗
Output	✗
Consumption	✗
Premium	✓
Dedicated	✓



Supported Bindings



Third Party Bindings

Custom Bindings

BREAK
Back at 10:05

EXPLORING SERVERLESS
DESIGN PATTERNS
Building Serverless Solutions
with Azure and .NET