

#GlobalAzure



Using Azure Functions with Media Service

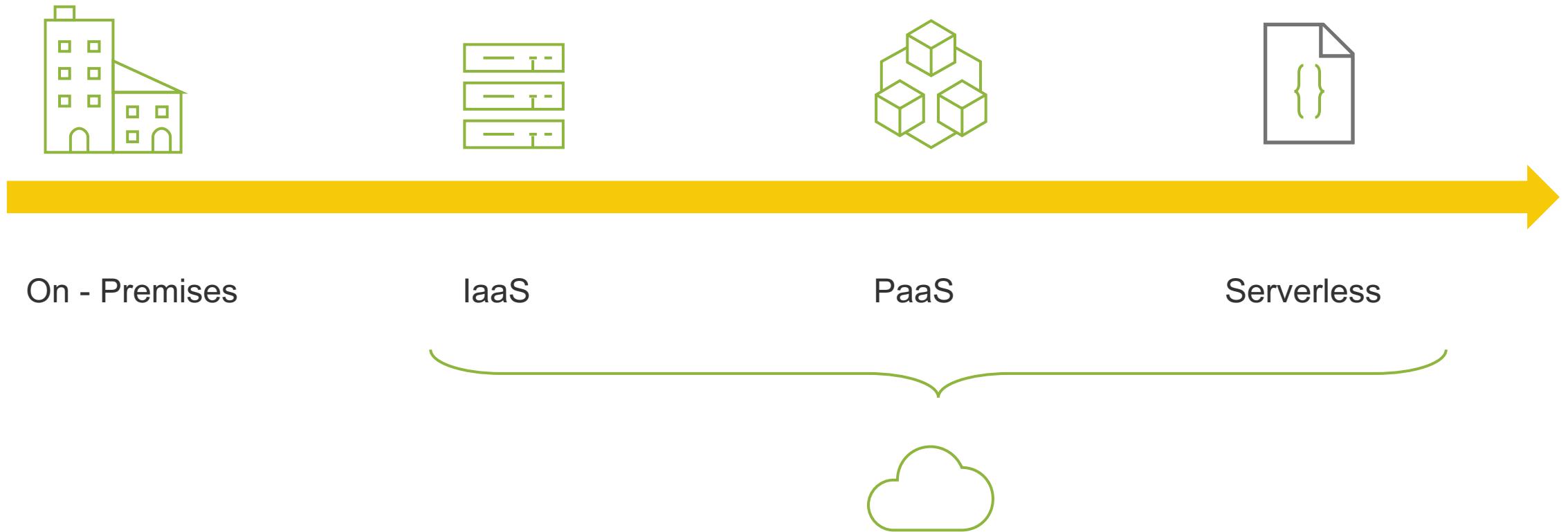
Phuong Le

EGM Manager, NashTech Global

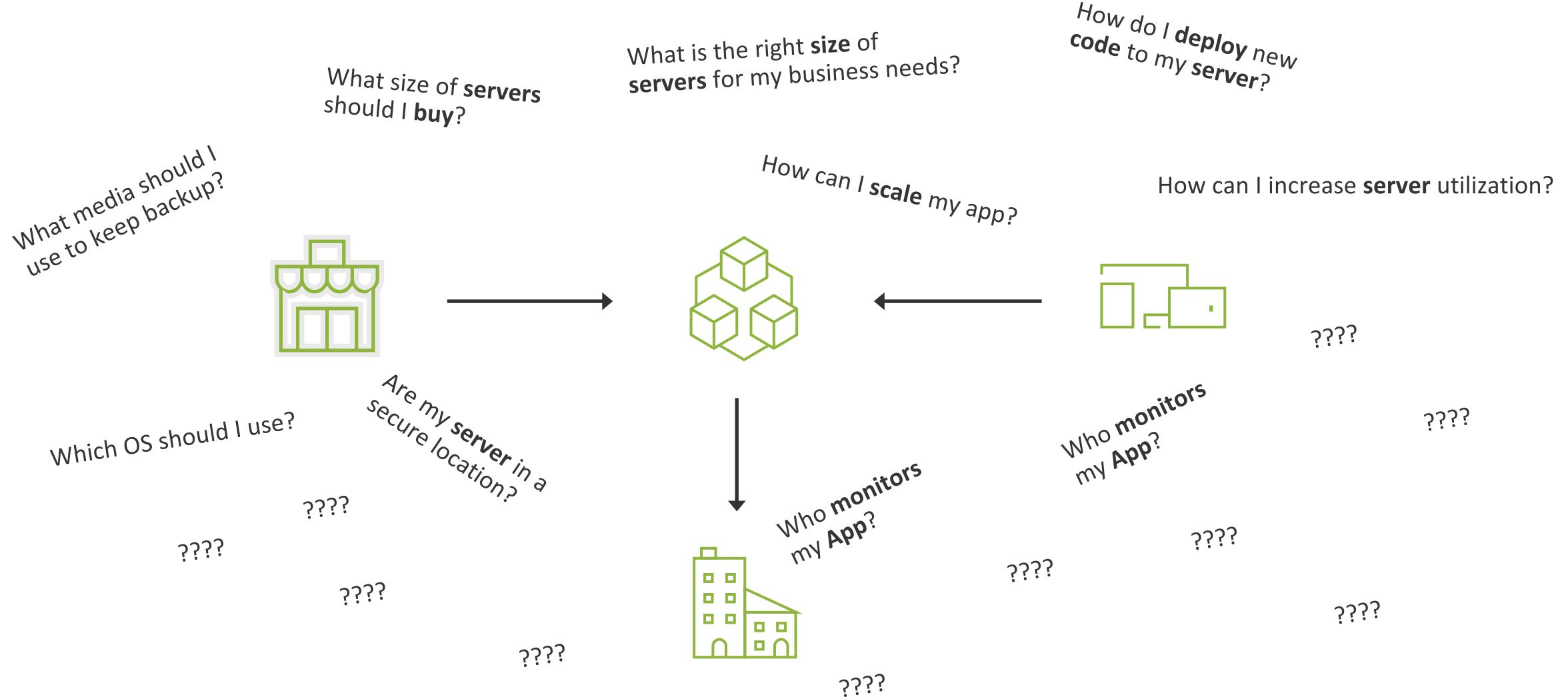
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The evolution of application platforms



Turn back the hands of time



Then... the first hero IaaS

What is the right **size of servers** for my business needs?

How can I increase **server utilization**?

How many **servers** do I need?

How can I **scale** my app?



How often should I **patch** my **servers**?

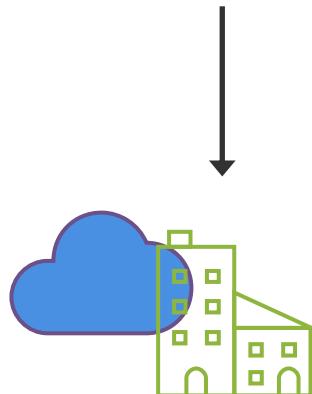
How often should I backup my **server**?

Which packages should be on my **server**?

How do I **deploy** new **code** to my **server**?

Which OS should I use?

Who **monitors** my App?



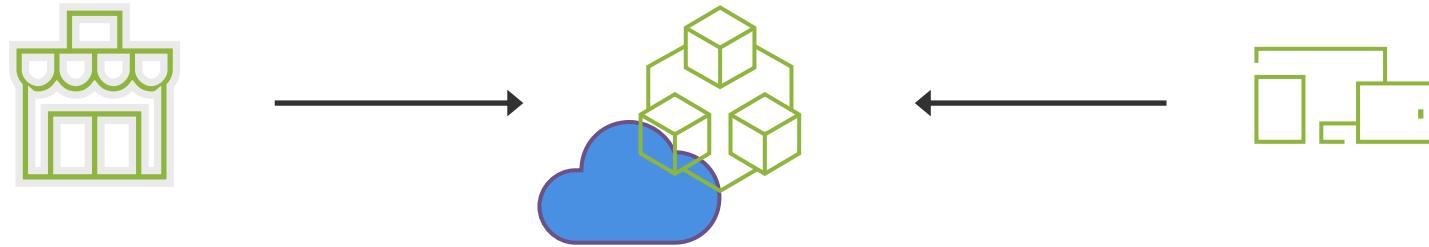
Then PaaS

What is the right **size of servers** for my business needs?

How can I increase **server utilization**?

How many **servers** do I need?

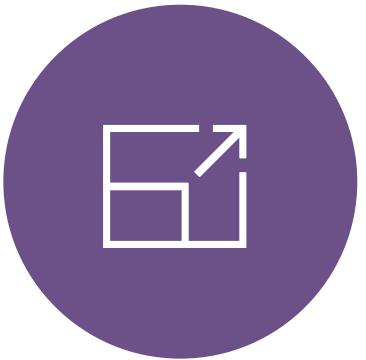
How can I **scale** my app?



Serverless



Abstraction
of servers

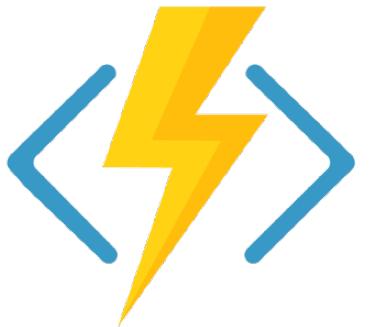


Event-driven



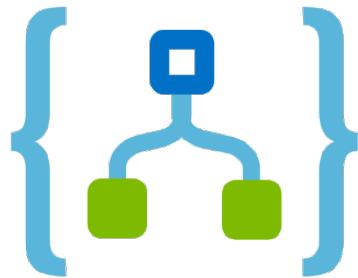
Micro-billing

Serverless in Azure



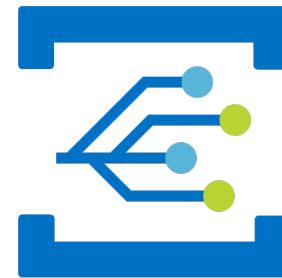
Functions

Serverless Compute



Logic Apps

Serverless Workflow

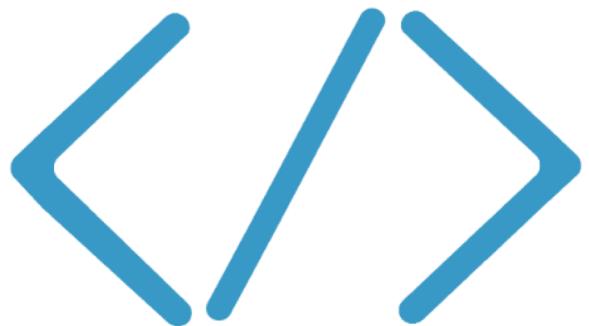


Event Grid

Serverless Events

Introducing Azure Functions

Code



Azure Functions



Events + data



Triggers and Bindings

Type	Trigger	Input	Output
Timer	✓		
HTTP	✓		✓
Blob Storage	✓	✓	✓
Events	✓		✓
Queues	✓		✓
Storage tables		✓	✓
Cosmos DB	✓	✓	✓
Push notifications			✓
Twilio SMS Text			✓
SendGrid email			✓



Demo

Azure Functions Portal



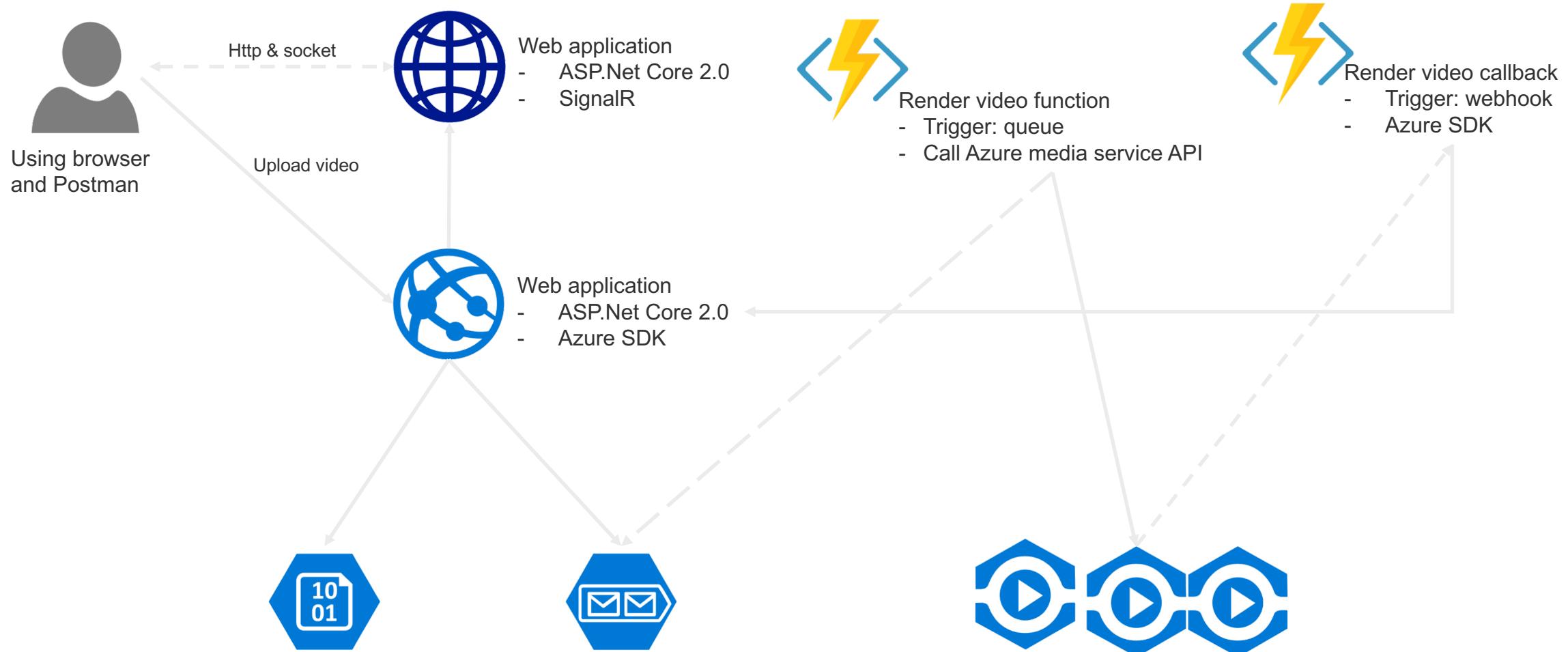
Demo

Developing Locally

Demo

Integrating Azure functions with media service, Azure application service and SignalR

Media processing with Azure Functions



Questions ?



THANK YOU

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