

SERVERLESS COMPUTING



Microsoft



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ABOUT
US

CLOUD SOLUTIONS ARCHITECTS





WHAT IS SERVERLESS?



Instant
event-driven
Scale



Pay
per use



Full servers
abstraction

The Benefits



Flexibility



Efficiency



Focus

MEET OUR SERVERLESS PLATFORM



AZURE FUNCTION

AZURE SERVERLESS OVERVIEW

Development

 IDE support

 Integrated DevOps

 Local development

 Monitoring

 Visual debug history

 Event Grid

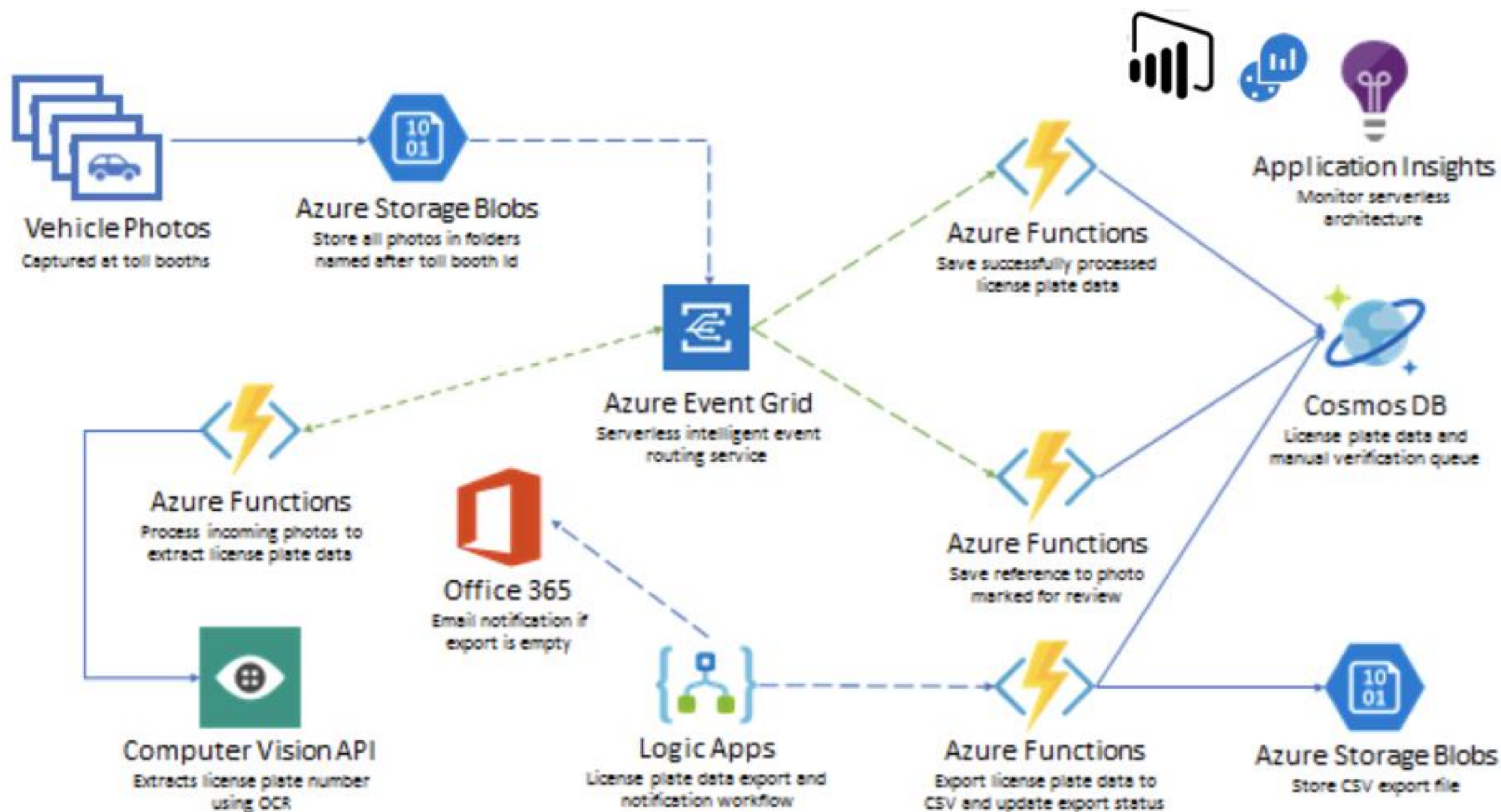
MESSAGING

 Logic Apps

FLOW

 Functions

CODE

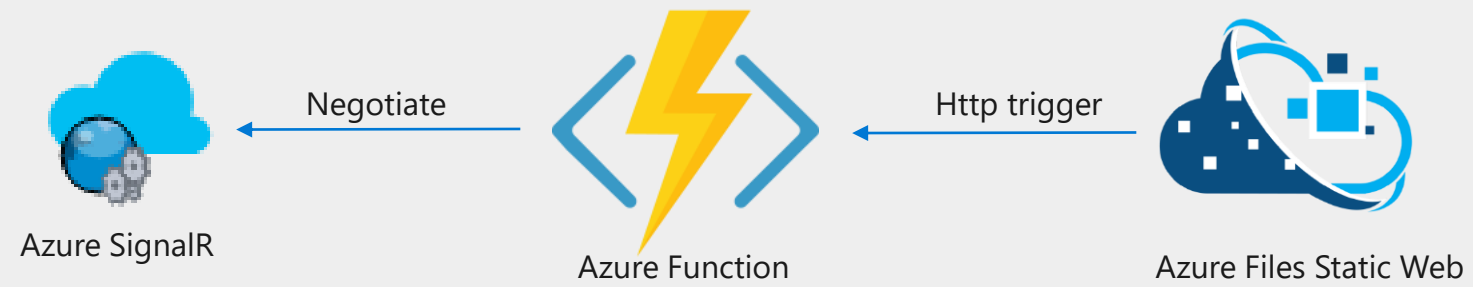


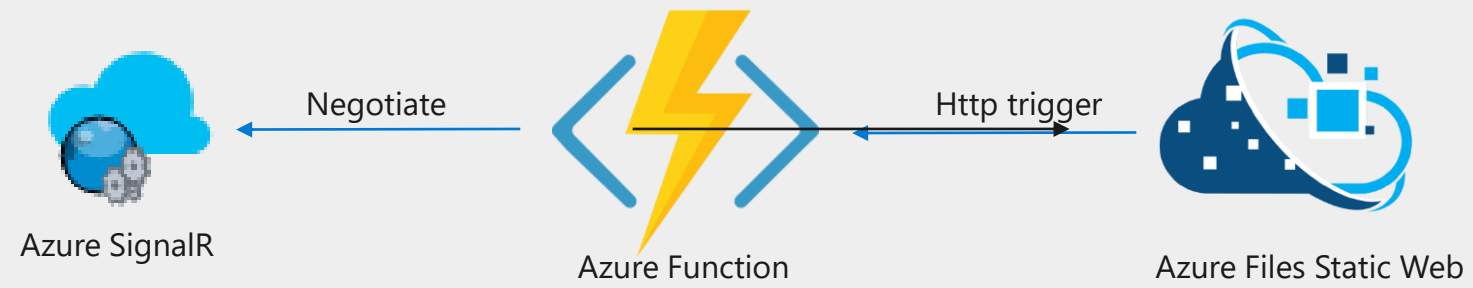


SERVERLESS AND FIREWORKS

WHAAATTTT?!?!?!?!?!?

SERVERLESS WEB APPLICATION







DEMO #1

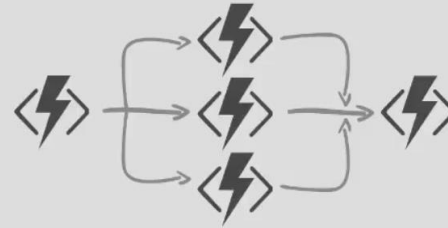
DURABLE FUNCTIONS

TRIGGERS

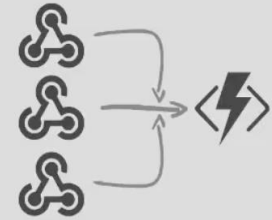
- EventHub
- Blob Storage
- StorageQueus
- ServiceBus
- Event Grid
- Timers
- CosmosDB



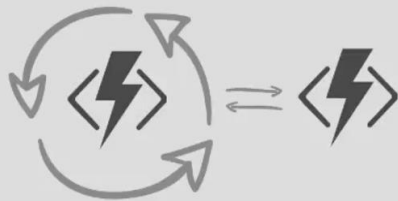
Manageable Sequencing
+ Error Handling / Compensation



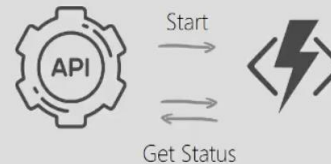
Fanning-out & Fanning-in



External Events Correlation



Flexible Automated Long-running
Process Monitoring



Http-based
Async Long-running APIs

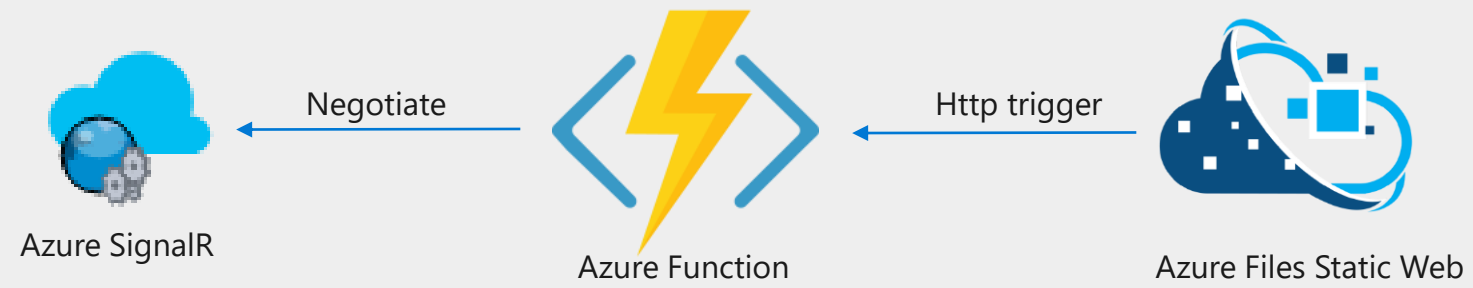


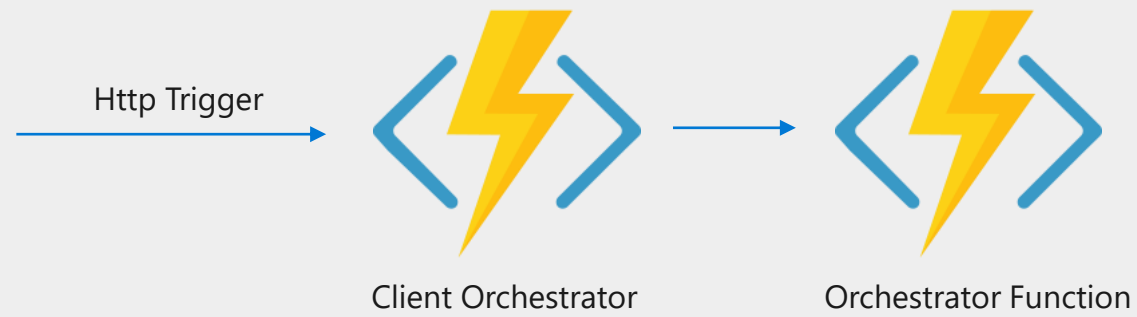
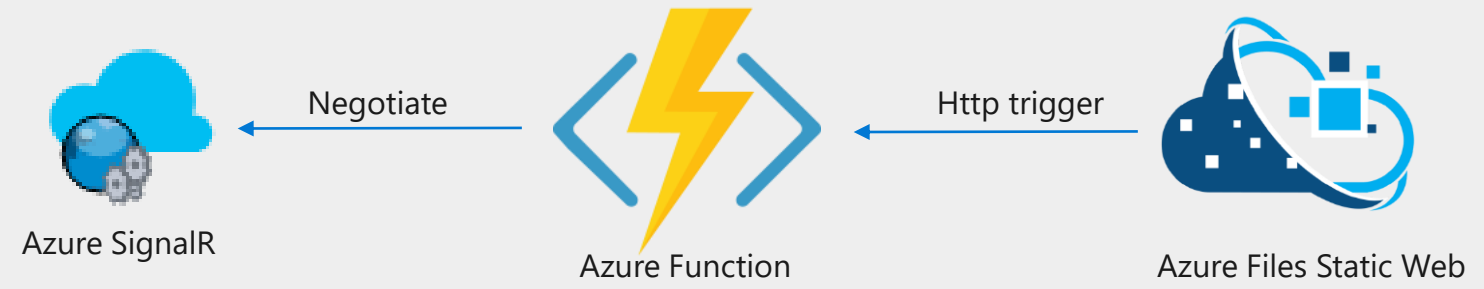
Human Interaction

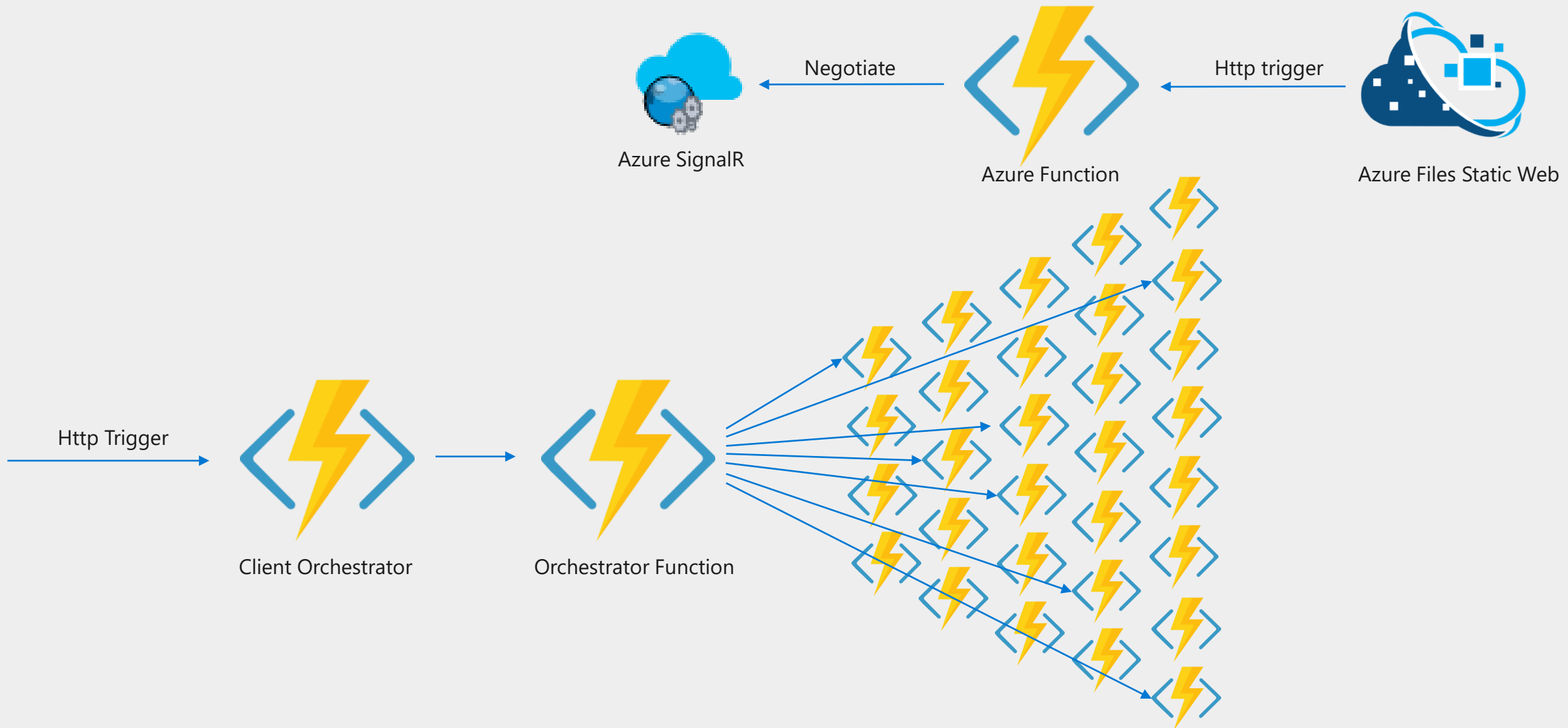
Orchestrator Client -> Orchestrator Function -> Activity Trigger

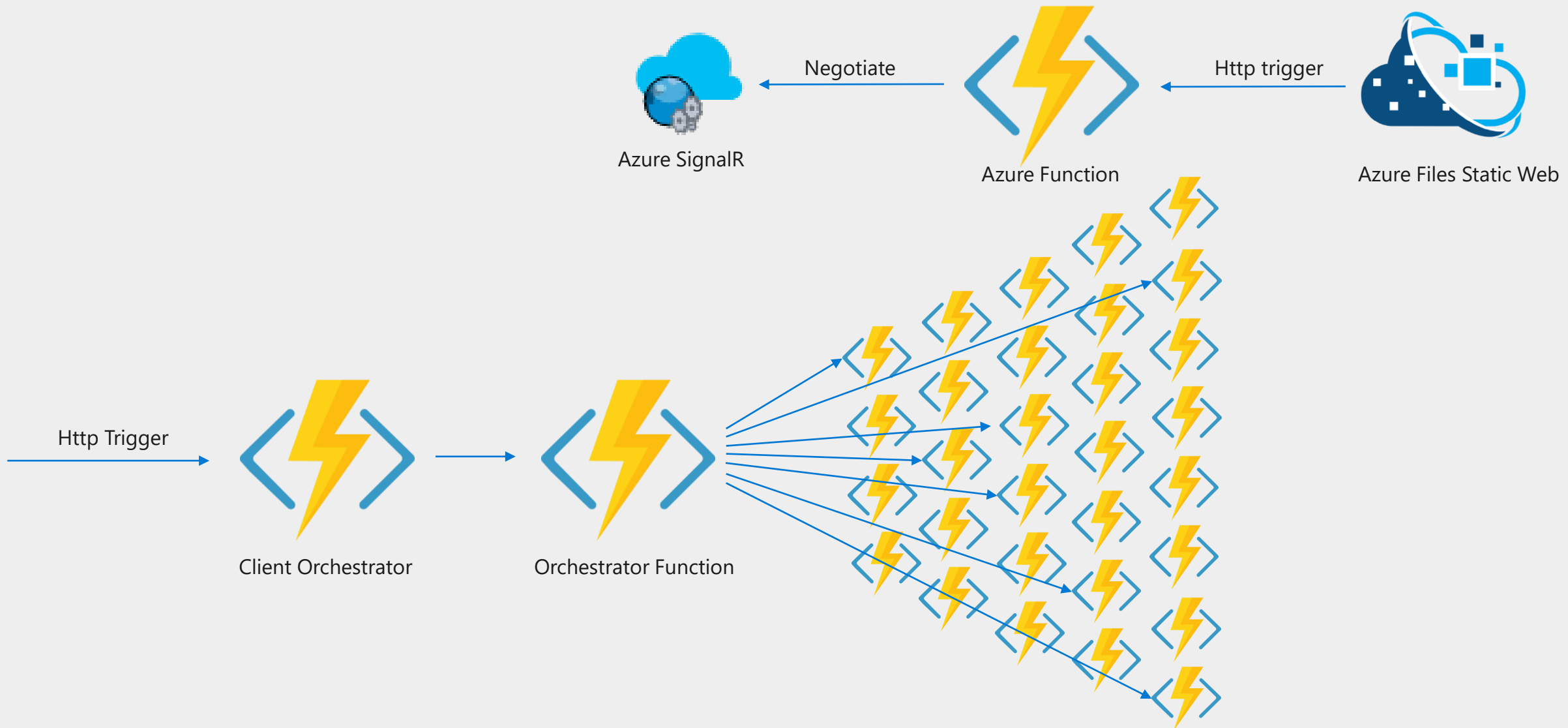
A large firework is exploding in the night sky, creating a dense cluster of colorful streaks in shades of purple, blue, green, and yellow. Numerous long, thin trails of light extend downwards from the explosion, resembling a shower of sparks or falling stars against the black background.

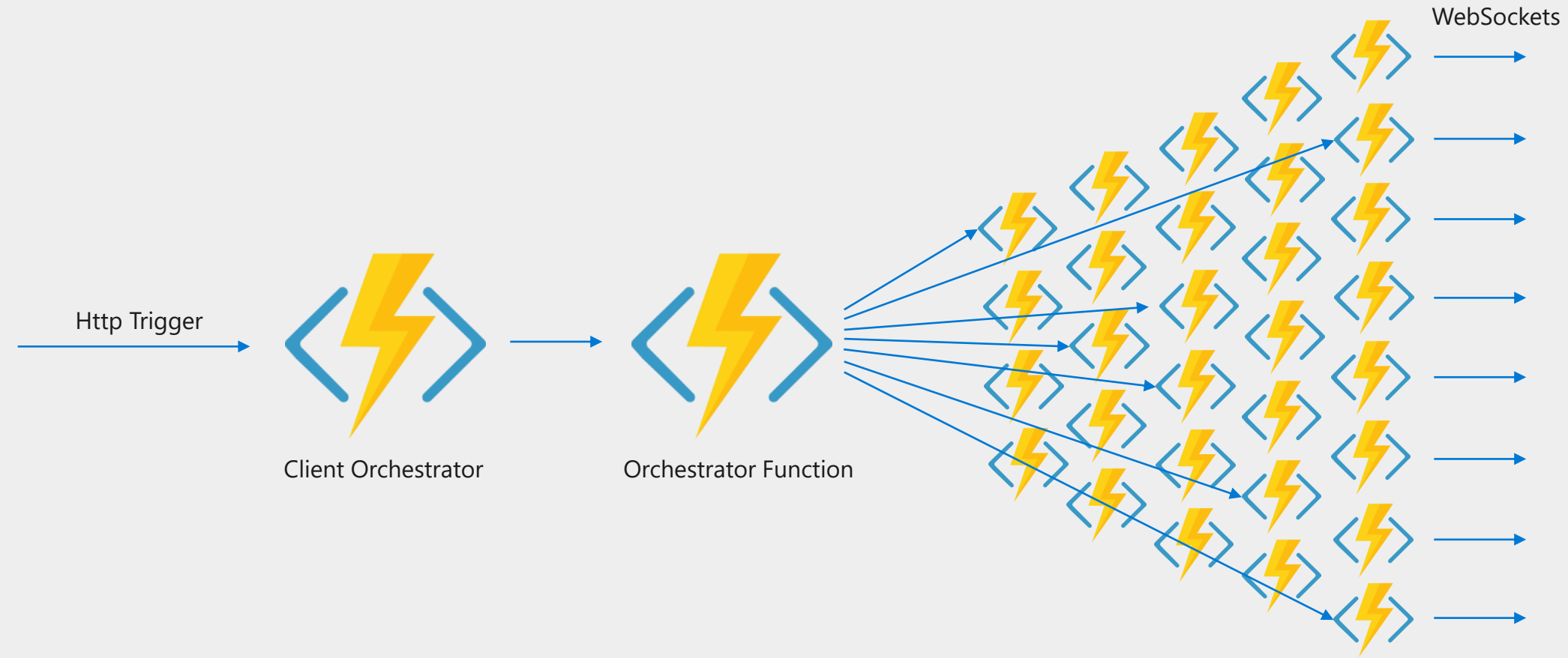
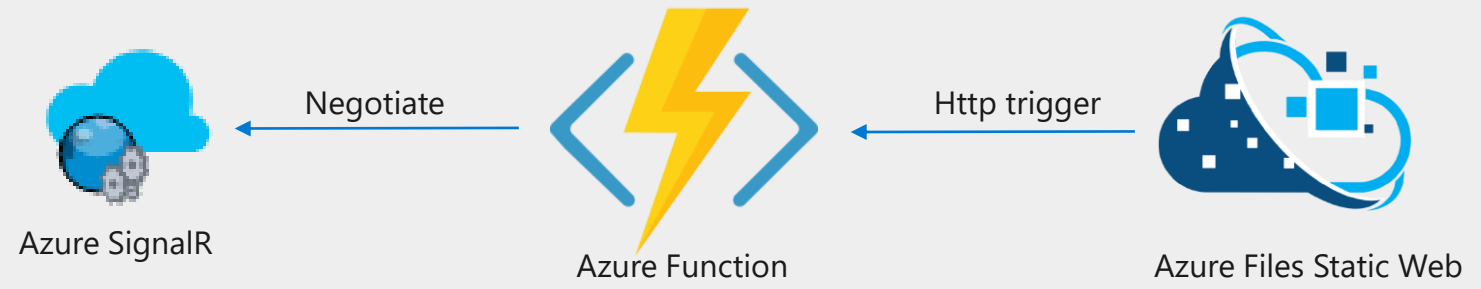
Fireworks

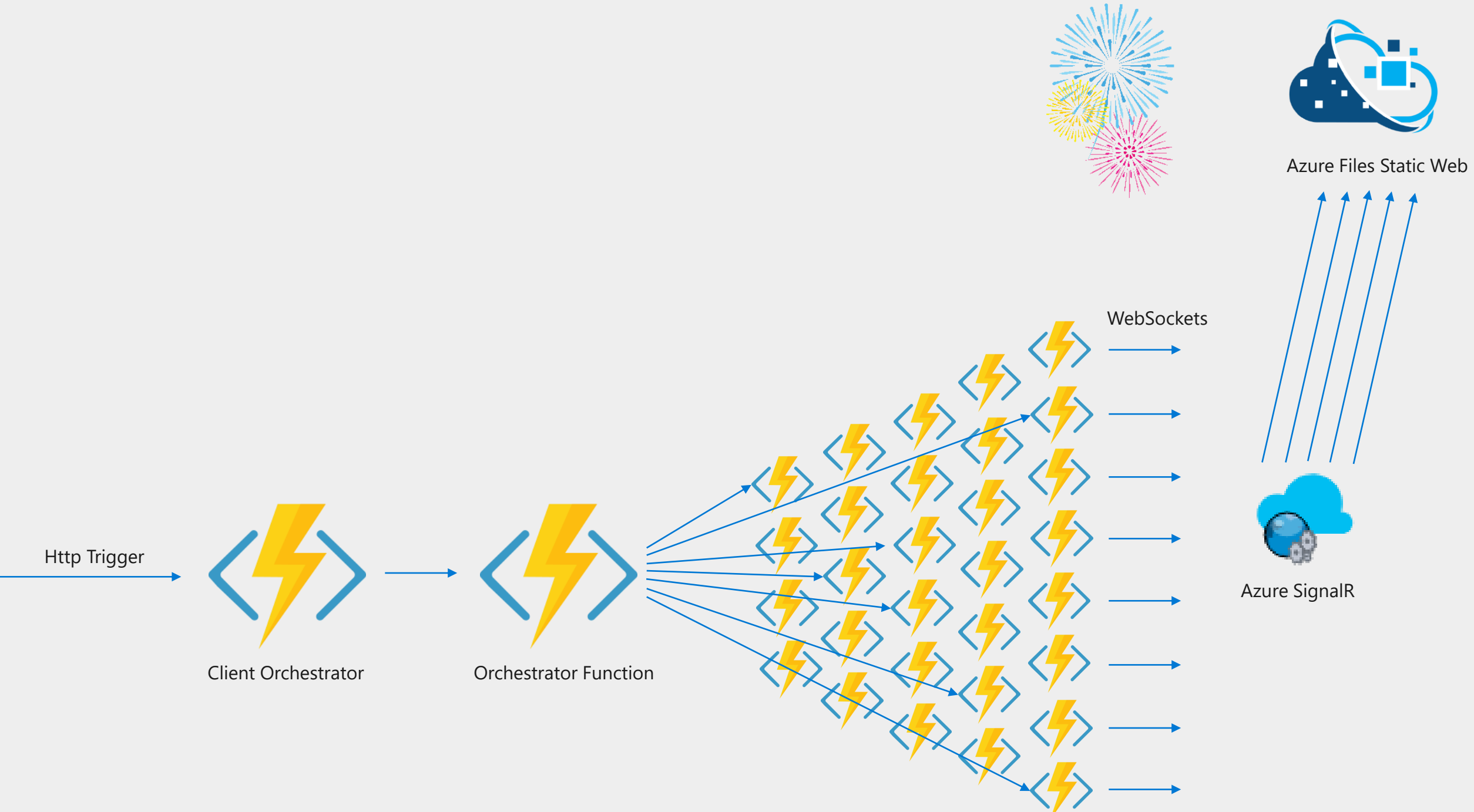


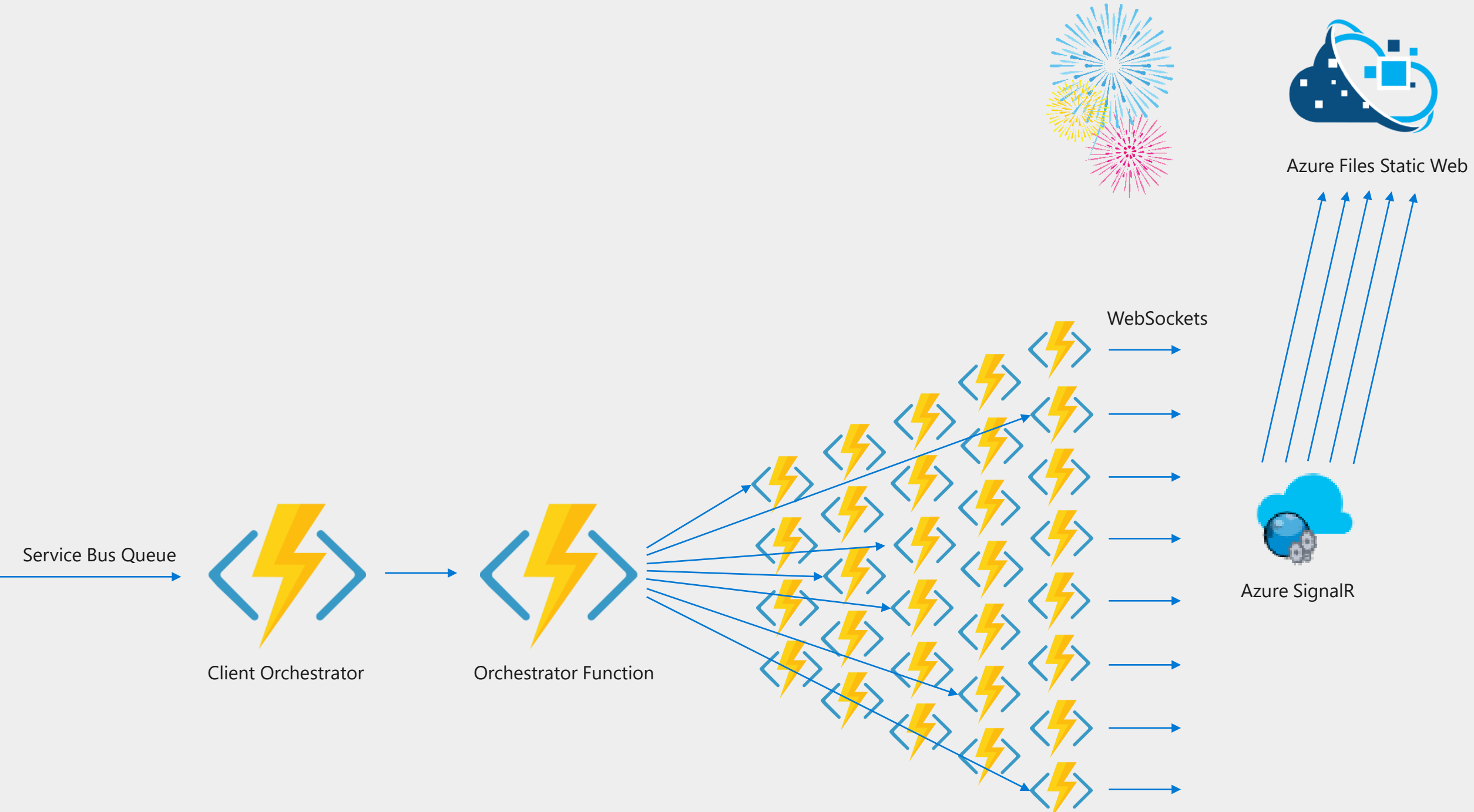














DEMO #2



RECAP



Microsoft Ignite The Tour

Learn. Explore. Connect.

Tel Aviv
January 22-23, 2019

Scan to register:



A large, vibrant firework explosion is centered in the upper half of the frame against a black night sky. The firework bursts into a dense cloud of colorful sparks, primarily in shades of purple, blue, and green, with some yellow and orange streaks. Numerous long, thin trails of sparks radiate outwards from the central burst, creating a starburst effect. Overlaid on the lower portion of the firework is the word "THANKS" in a bold, red, sans-serif font.

THANKS