

# Exposing Your API with API Apps

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# Introduction



What are API Apps?

API Definition / swagger

CORS

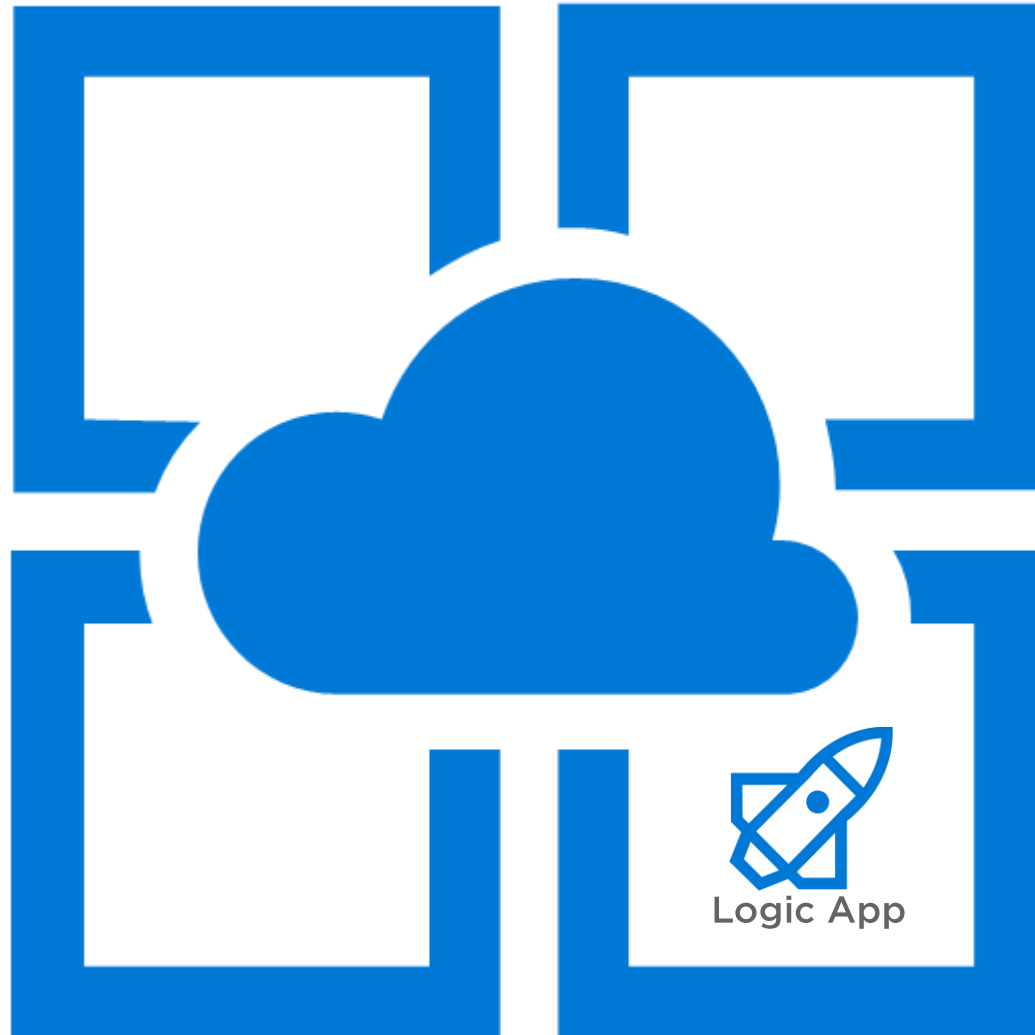
# What Are API Apps?

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# App Services



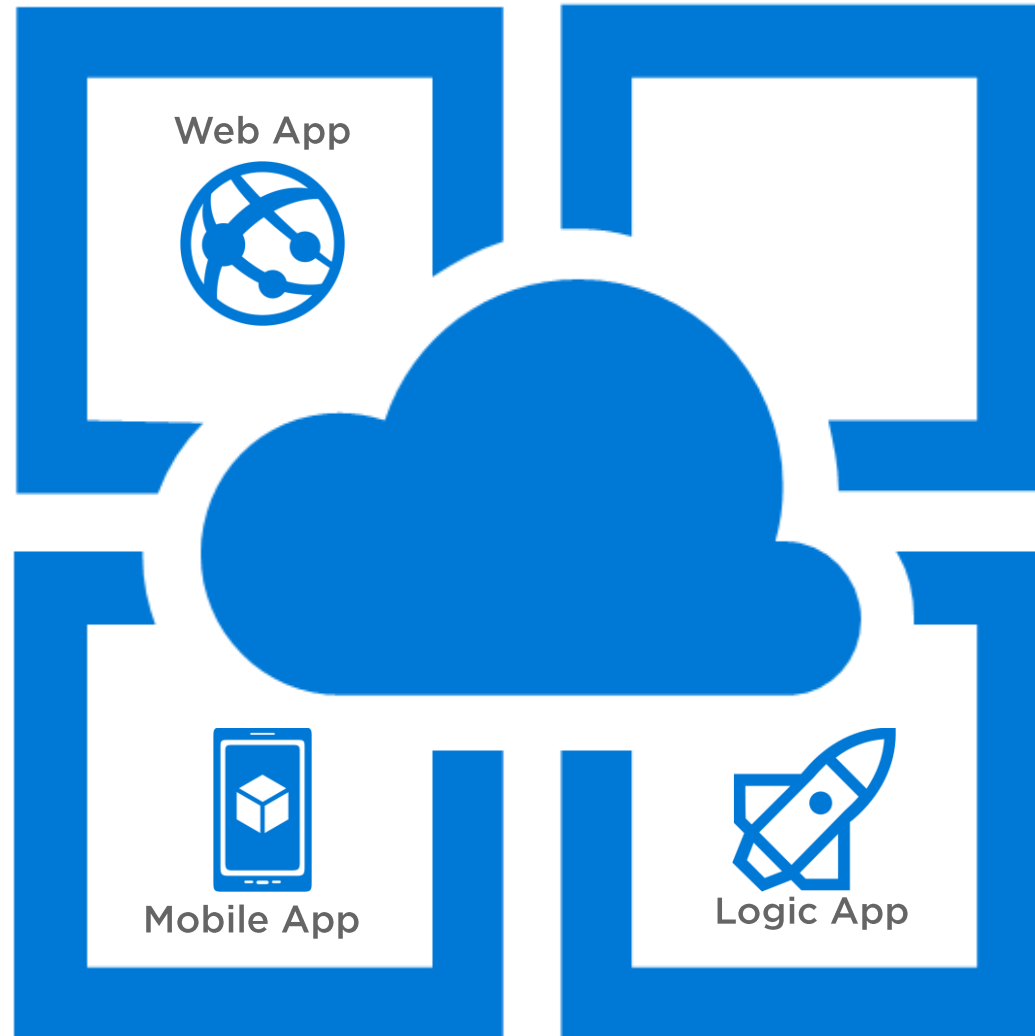
# App Services



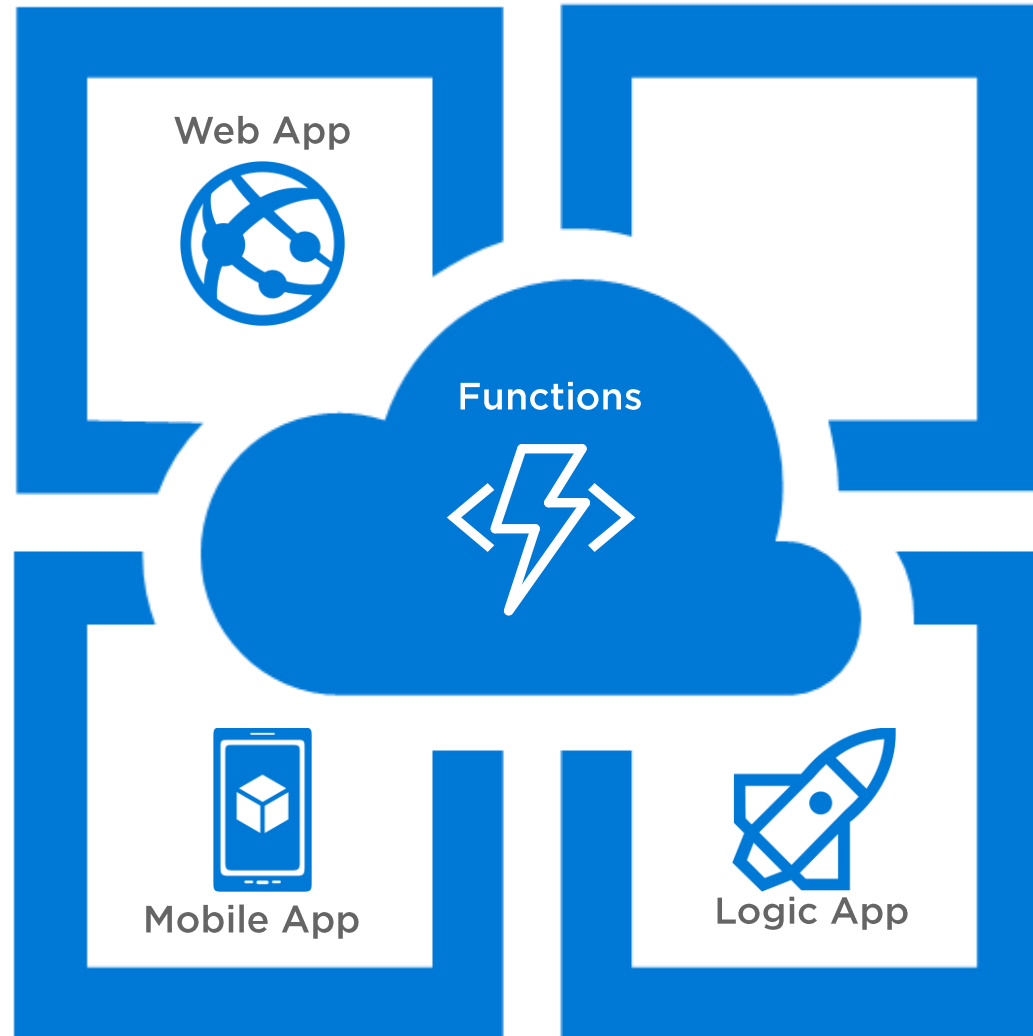
# App Services



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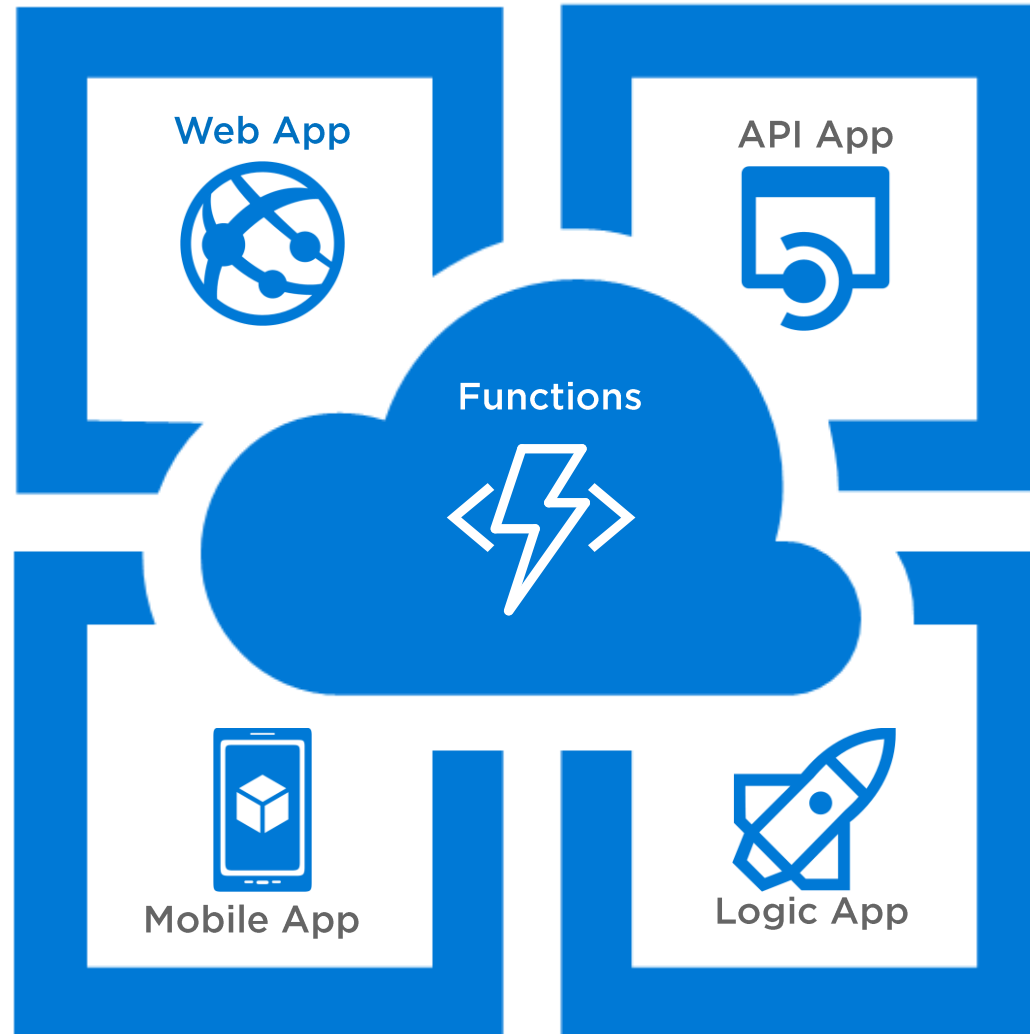


# App Services

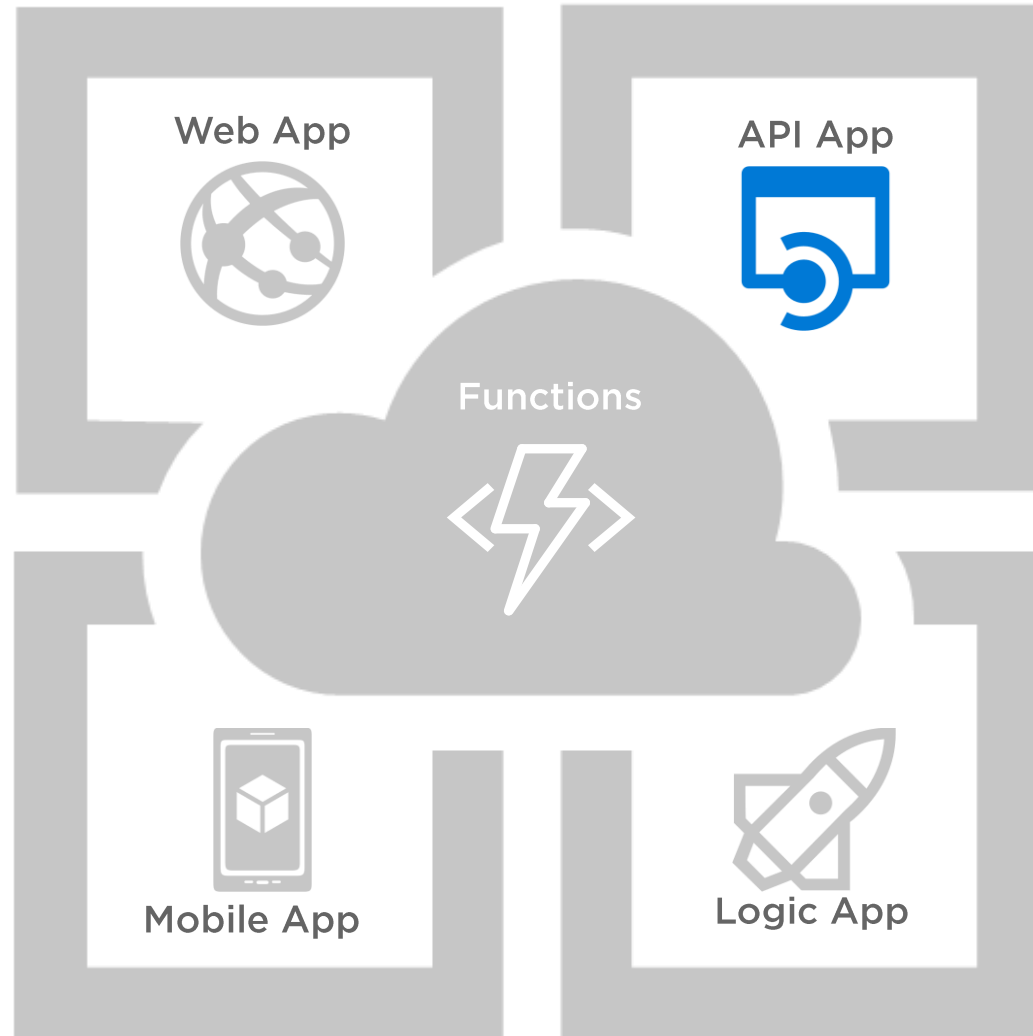




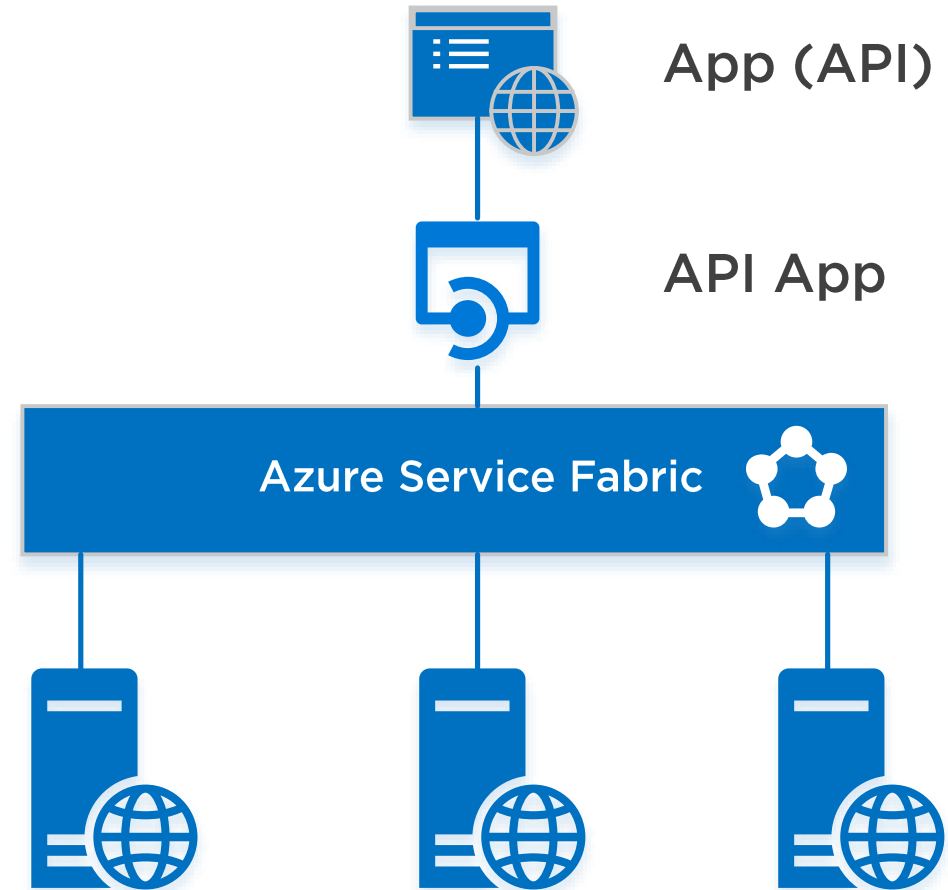
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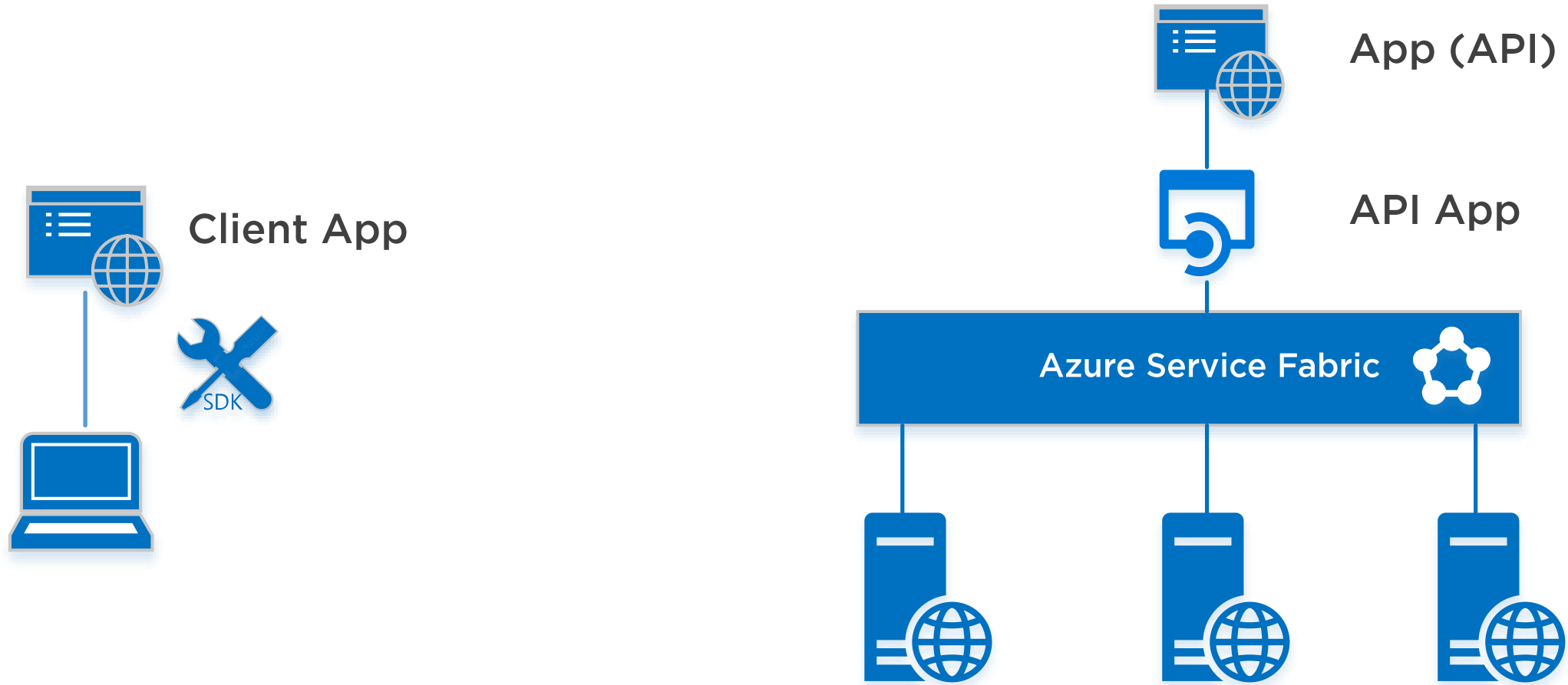
# App Services



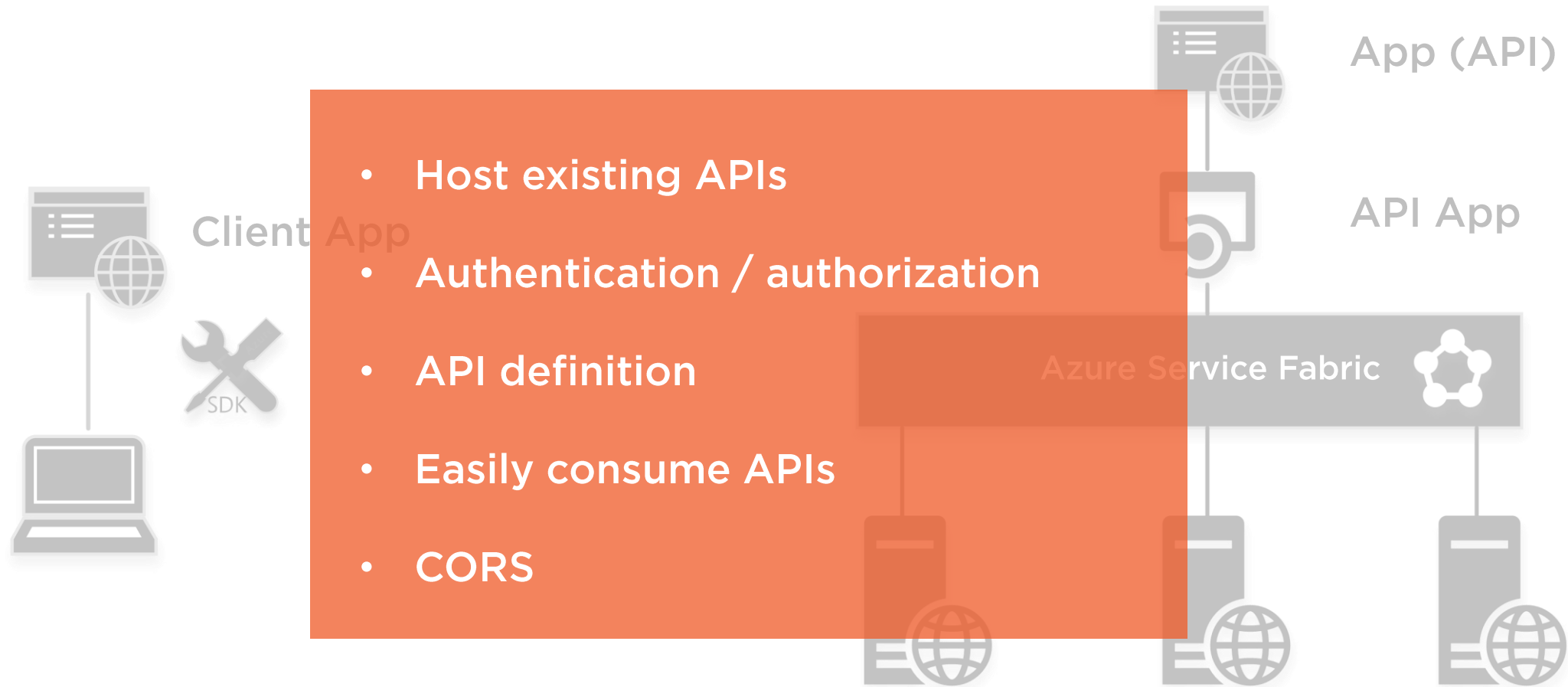
# What Are API Apps?

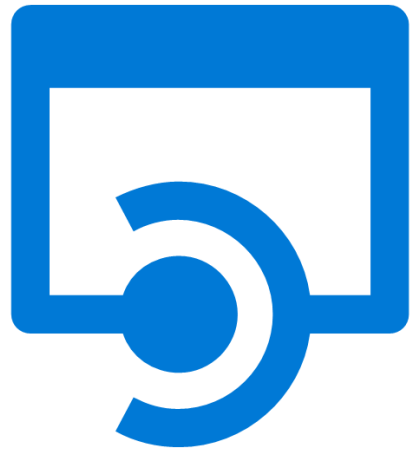


# What are API Apps?



# What are API Apps?





Azure API App

## Host existing APIs

- .NET, Java, PHP, Node.js and Python

## Generate client SDK

- Visual Studio or command line
- .NET, Node.js, Java and JavaScript

## Authentication / authorization

## API definition

## CORS

## Logic Apps Integration

## API Management Integration

## All other App Services features

# Demo



The outlines of an API App  
Visual Studio

# API Definition

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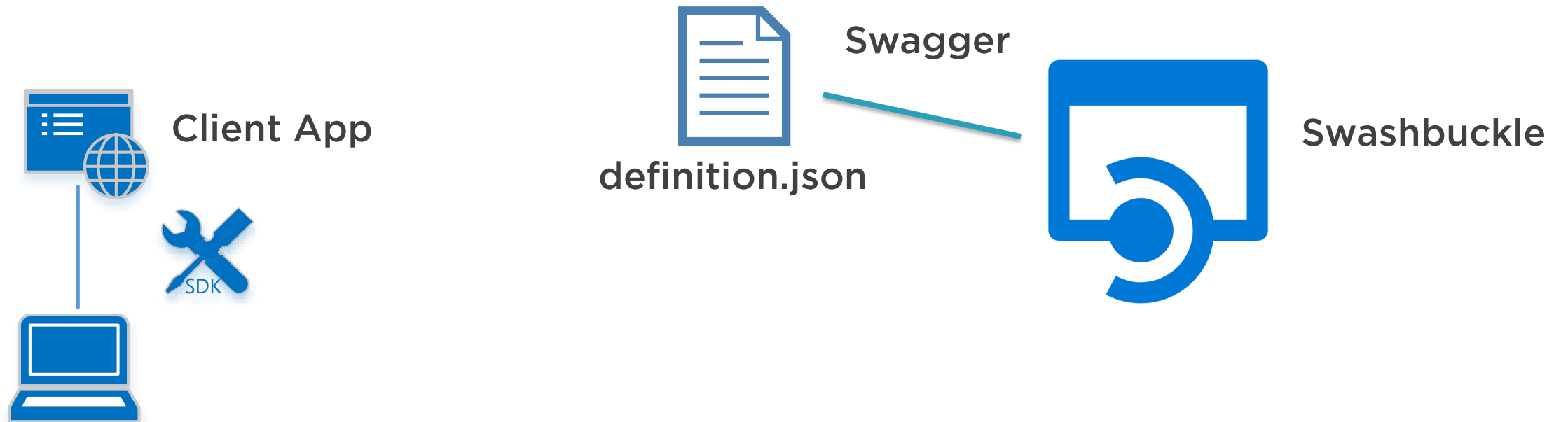


# Why Use an API Definition?

**Make your API discoverable**

**Generate client code**

# What Is an API Definition?





# About API Definitions

**API Apps support Swagger**

**Swashbuckle**

**Swagger UI**

**Generate client SDK**

- Visual Studio or command line
- .NET, Node.js, Java and JavaScript

# Demo



**Enable Swagger**

**Generate client code**

**Visual Studio**

CORS

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# Why Care About CORS

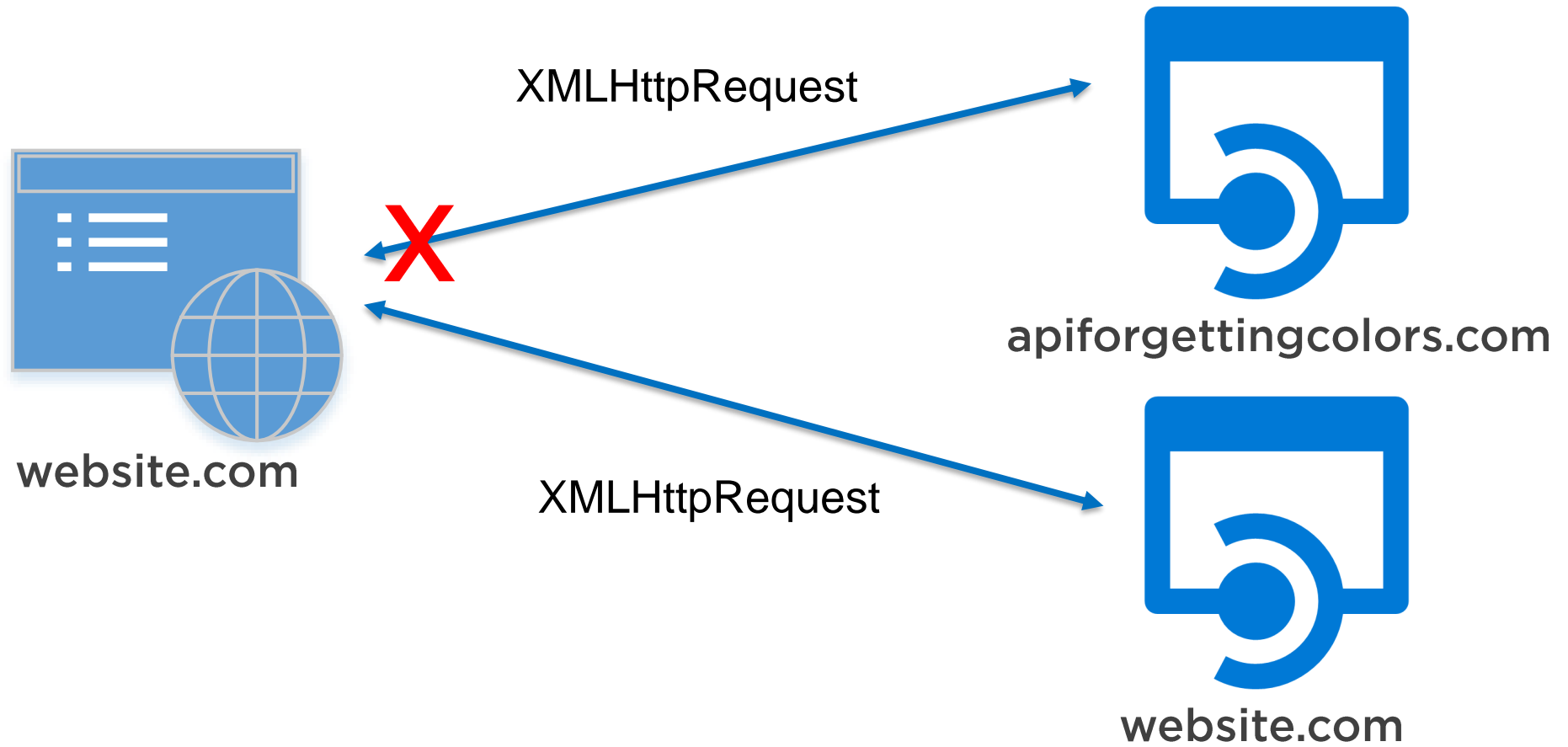


**Safety by default**

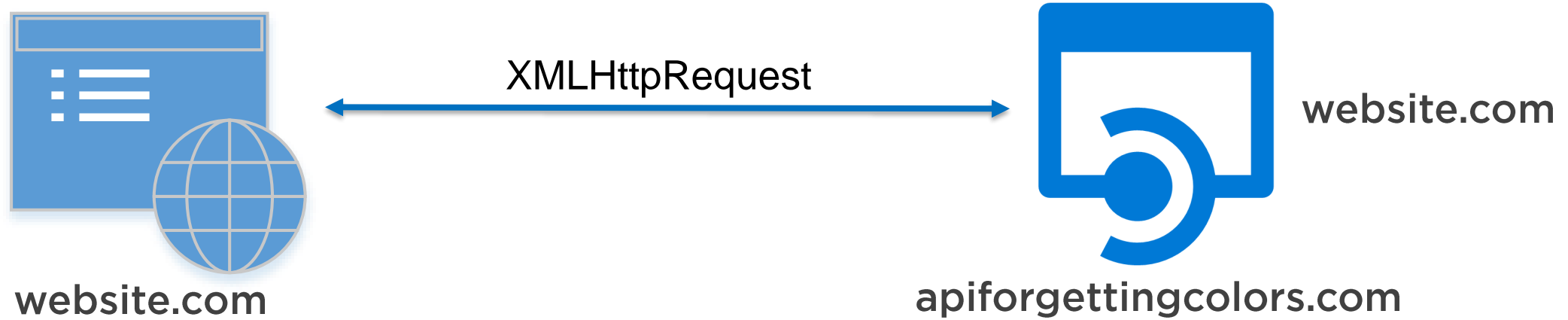
**Unexpected results**

**Manage domains**

# What Is CORS?



# What Is CORS?





## Settings



## CORS

ColorWebsiteApi



Save



Discard

### GENERAL



Quick start



Properties



Application settings



### APP SERVICE PLAN



App Service plan



Scale up (App Service plan)



Scale out (App Service plan)



Change App Service plan



### API



API definition



CORS



Cross-Origin Resource Sharing (CORS) allows JavaScript code running in a browser on an external host to interact with your backend. Specify the origins that should be allowed to make cross-origin calls (for example: `http://example.com:12345`). Use `***` to allow all. Slashes are not allowed as part of domain or after TLD.

### ALLOWED ORIGINS



# Summary



Host an API with API Apps

API definition / Swagger

CORS