

# Seeing How It All Fits Together

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# Introduction



**App Services features**

**What to use when**

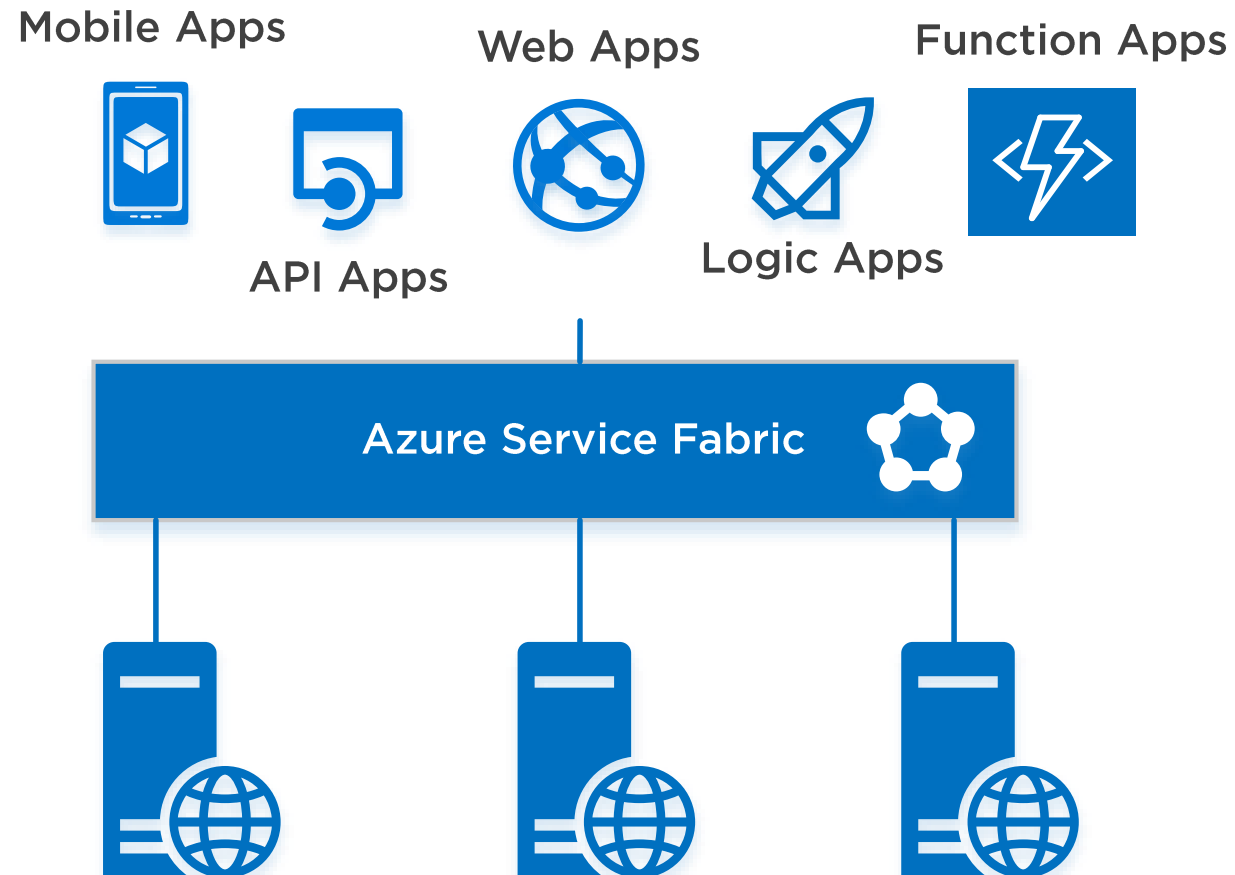


# App Services Features

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# Azure App Services



# App Services Features

Category	Feature	Web App	Mobile App	API App	Logic App	Function App
Support & troubleshooting	(Live) Logs and Metrics	X	X	X	X	X
General	WebJobs	X	X	X		X
	Webserver Settings	X	X	X		X
	Managing quotas	X	X	X		X
	(Automated) Backups	X	X	X		X
	Authentication & Authorization	X	X	X	X	X
	Deployment Slots	X	X	X		
	Deployment source	X	X	X		X
Scaling	Scale Up / Scale Out	X	X	X		
API	CORS	X	X	X		X
	API Definition	X	X	X		X
Routing	Traffic Manager & Traffic Routing	X	X	X		
	Virtual Network	X	X	X	X	X
	Hybrid Connections	X	X	X	X	X
	App Service Environment	X	X	X	X	X
	Custom Domains and SSL	X	X	X		
Mobile	Offline Sync		X			
	Push Notifications		X			



# App Services - What to Use When

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# The Purpose of App Services



Web Apps

Webserver-as-a-Service

App Services Features



API Apps

API Definition

CORS



Mobile Apps

Offline Sync

Push Notifications

Compose SaaS  
Workflows

Robust and Reliable



Logic Apps

React to trigger events

Execute independent  
code



Function Apps



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# The Purpose of App Services



Web Apps

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App Services Features



API Apps

## Hosting things

CORS



Mobile Apps

Offline Sync

Push Notifications

Compose SaaS  
Workflows

React to trigger events

Execute independent

## Orchestrating things

Robust and Reliable



Logic Apps



Function Apps





**The financial audit team needs to be able to work when there is no connectivity available**





Mobile Apps

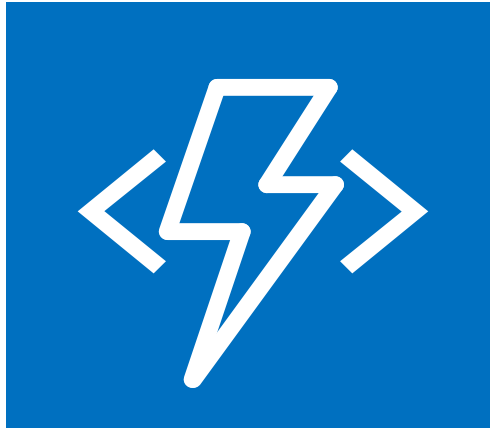
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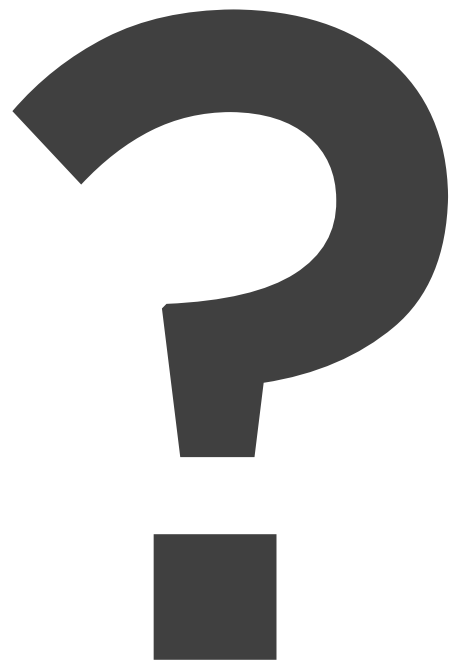
When a customer uploads an image, it needs to be transformed into multiple sizes and placed into my CDN





Function Apps

When a customer uploads an image, it needs to be transformed into multiple sizes and placed into my CDN



We want to expose our customer data to 3<sup>rd</sup> party developers





Web Apps

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The operations team wants to get rid of the on-premises apache servers that run the PHP websites







Web Apps

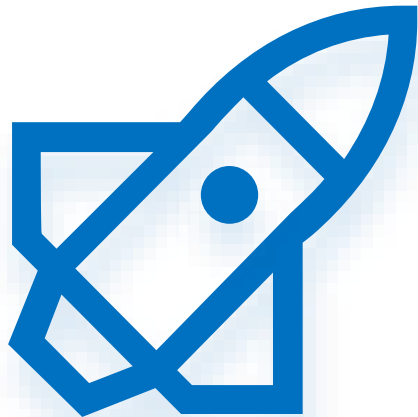
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Marketing wants to receive an email whenever a negative tweet about the company is tweeted. Also they want to create monthly reports of this data










Logic Apps

Marketing wants to receive an email whenever a negative tweet about the company is tweeted. Also they want to create monthly reports of this data



# Scenario's

		Scenario	Solution	Reason
Mobile Apps		Do a financial audit while offline	Build a client with Offline Sync	Only Mobile Apps provides Offline Sync
Function Apps		Resize an image when it is uploaded and output it into CDN	Use the BlobTrigger to be triggered when an image is uploaded, resize it in code and upload it to the Blob Storage output associated with the CDN	Function Apps has the Trigger built in and has bindings to Blob Storage
Web Apps		Expose customer data to 3 <sup>rd</sup> party developers	Create an API with Web API and expose it with Swagger	Web Apps has all the capabilities to do so
Web Apps		Get rid of on-premises PHP websites	Host them in Web Apps	Web Apps provides an apache webserver
Logic Apps		Email upon a negative tweet and report on it	Receive the tweet with the Twitter Connector, create a flow that emails the tweet and puts it into a database for reporting	Logic Apps are suited for more complex orchestration with multiple paths



# Summary



## **App Services features**

- Overlap
- Unique features

**What to use when**

**Focus on business value**

