



Serverless in Azure

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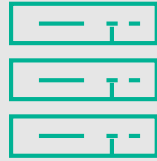
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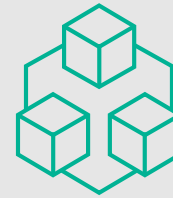
The "evolution" of application platforms



On-Premises



IaaS



PaaS



Serverless



Before cloud

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

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

What happens in case of **server hardware** failure?

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

How can I increase **server** utilization?

What media should I use to keep backup?

What size of **servers** should I **buy**?

How can I **scale** my app?

Who **monitors** my **App**?

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



What storage I need to use?

Who **monitors** my **Servers**?

Do I need secondary network connection?

How many **servers** do I need?

Who has **physical** access to my **servers**?

Which OS should I use?

Do I need a UPS?

What happens if the power goes out?

Are my **server** in a secure location?



It takes how long to **provision** a new **server**?

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

How can I dynamically configure my app?

Then came IaaS—table stakes for digital business

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, critical for digital transformation

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

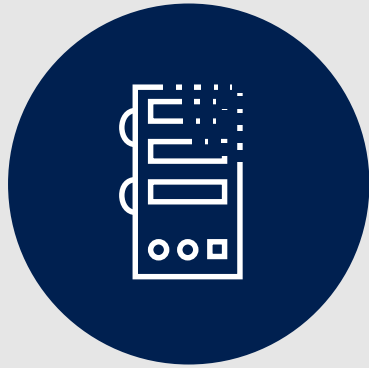
How can I increase “**server**” utilization?

How many “**servers**” do I need?

How can I **scale** my app?



What is Serverless?



Abstraction
of servers



Event-driven/
instant scale



Micro-billing

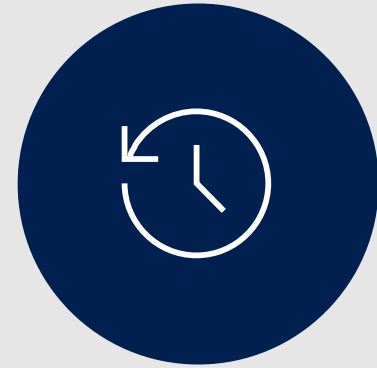
Benefits of Serverless



Reduced
DevOps

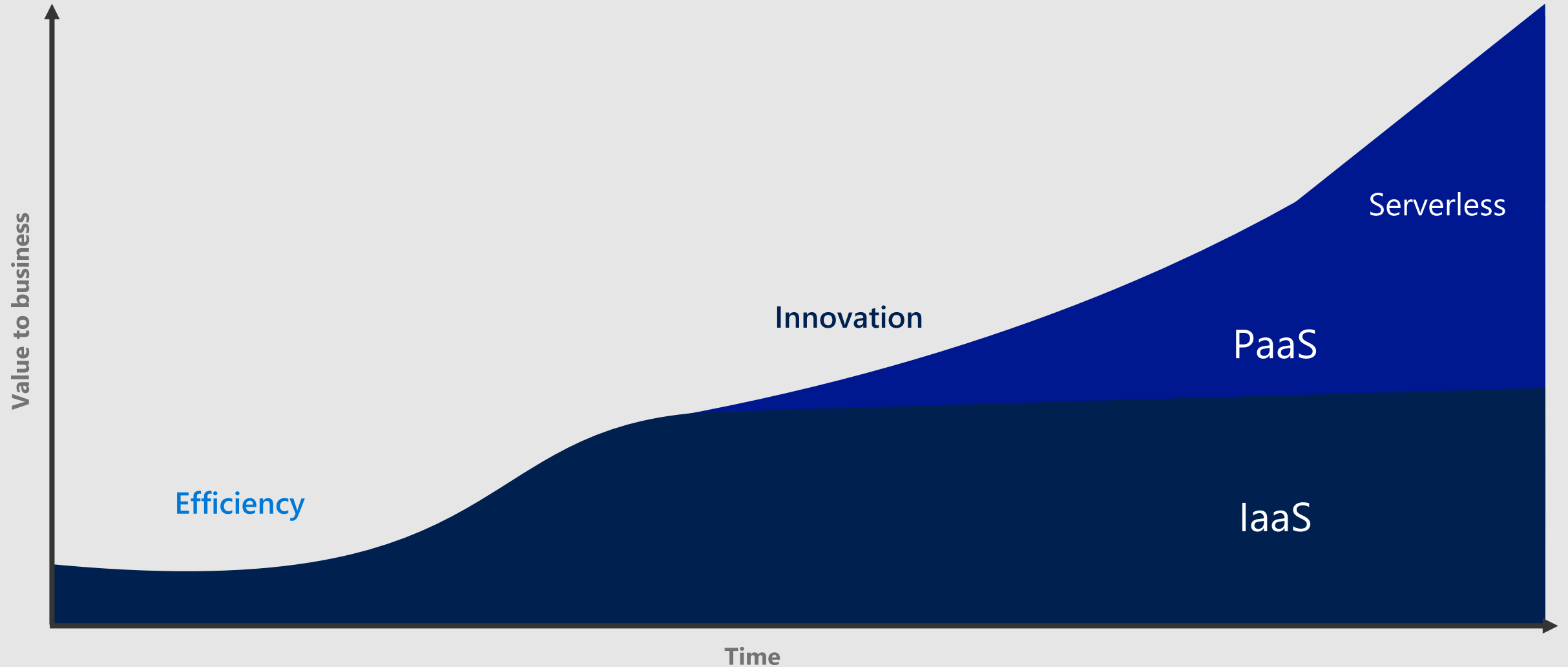


Focus on
business logic



Faster time to
market

Build apps faster with Serverless










Serverless application platform components

Development

-  IDE support
-  Visual debug history
-  Local development
-  Verbose debugging

Platform

 Functions <ul style="list-style-type: none">• Developer tooling• Bindings and triggers• Open source	 Logic apps <ul style="list-style-type: none">• Visual designer• 100+ connectors• Functions orchestration
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Data/storage 	Messaging 	Gateway Connectors 	Intelligence 	Bots 
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Logic Apps Workflow Designer

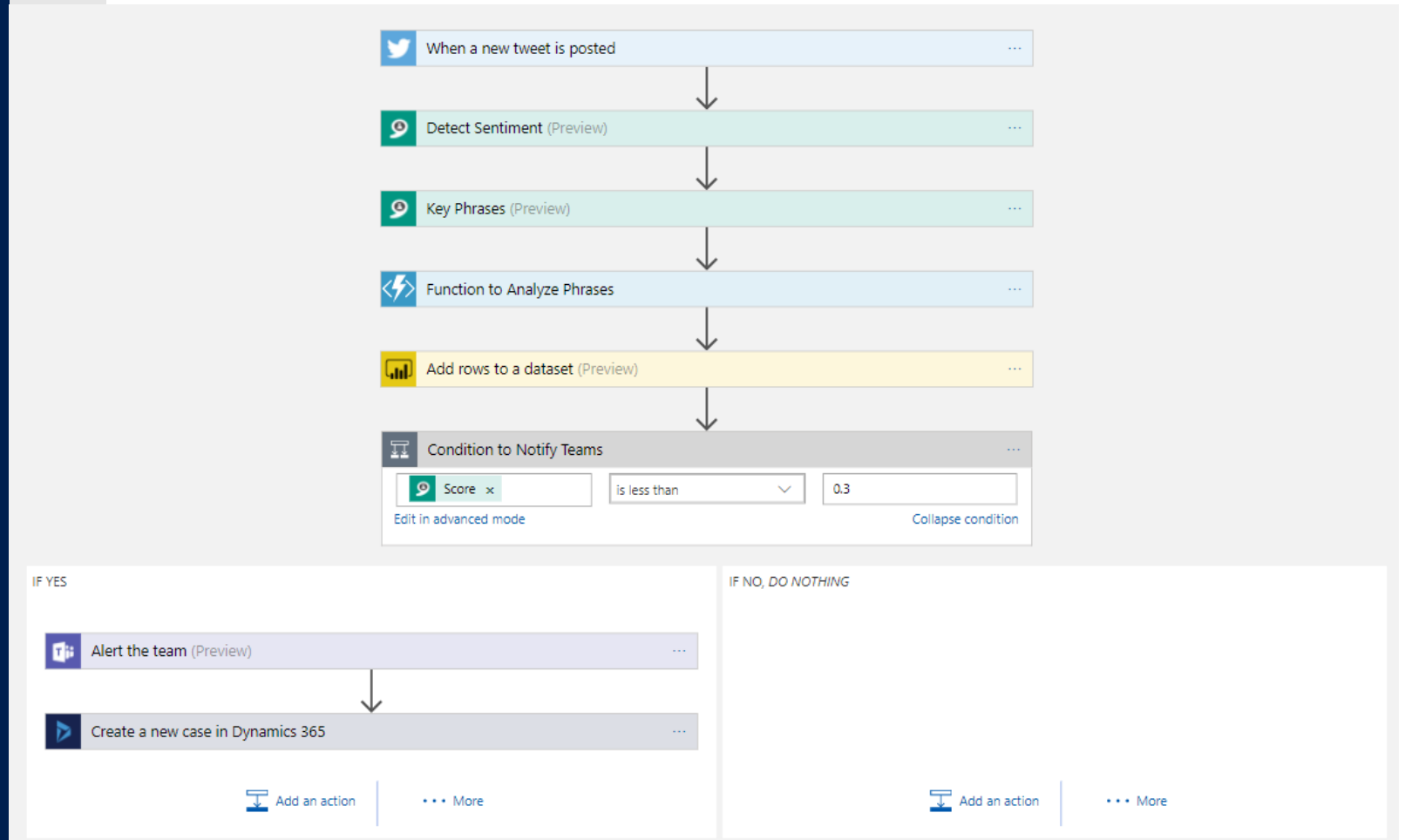
Workflow in the cloud

Powerful control flow

Connect disparate
applications

No code designer for
rapid creation

Also works within Visual
Studio for added CI/CD



Demo

Image Tagging with Cognitive Services

What is Azure Functions?

Code Azure Functions Events + data



Demo

Tweet sentimental with Cognitive Services

