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Microsoft MVP: Microsoft Azure

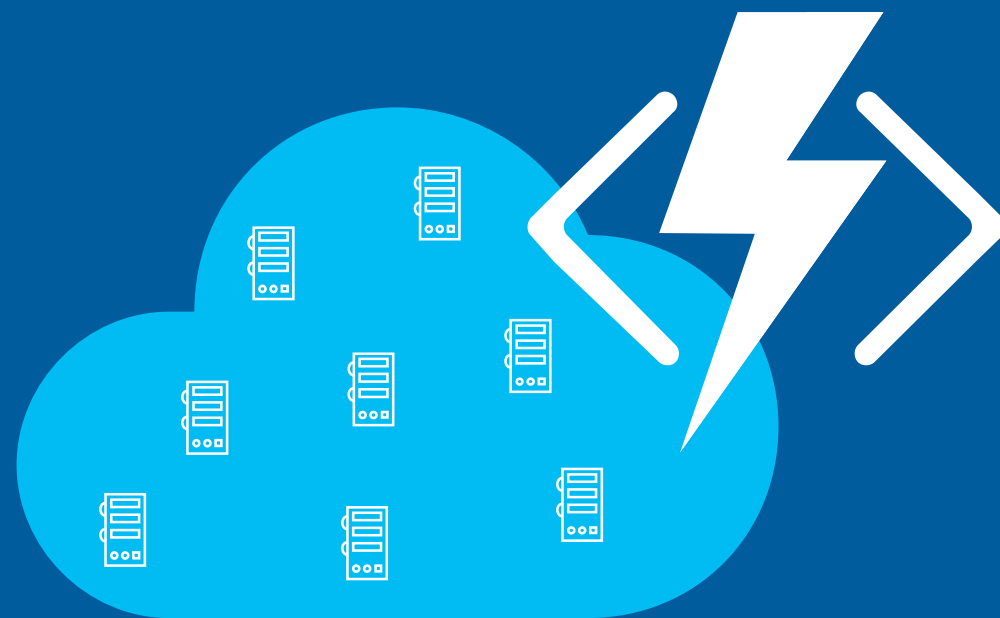
MCSD, MCSA, MTA

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Serverless computing



Your Partner for Cloud Strategy & Migration

havit.cz



ASK THE EXPERTS

Robert Haken

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Microsoft MVP: Development, MCT, MCSD

Microsoft Partner

Gold Application Development

Silver Cloud Platform

- What media should I use to keep backup?

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

- How can I **scale** my app?

- Do I need secondary network connection?

- How many **servers** do I need?

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

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

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

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

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

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

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

- How can I increase **server** utilization?

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

- What storage I need to use?

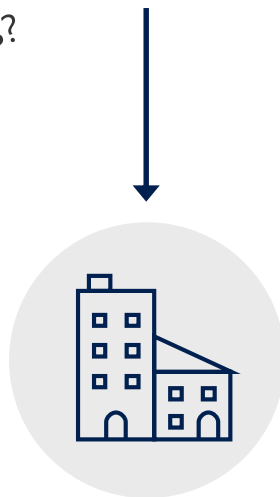
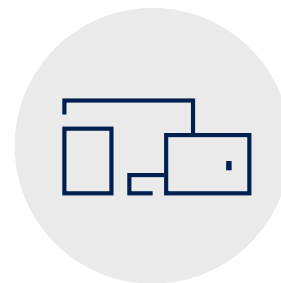
- How can I dynamically configure my app?

- Which OS should I use?

- What happens if the power goes out?

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

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



On-Premises

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**?

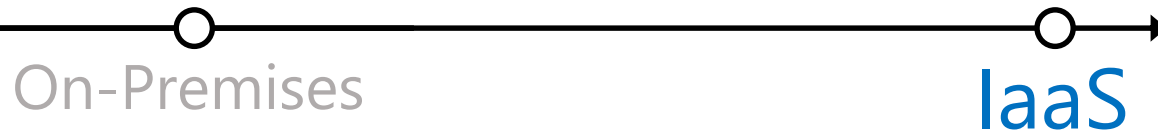
How often should I backup my **server**?

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?



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

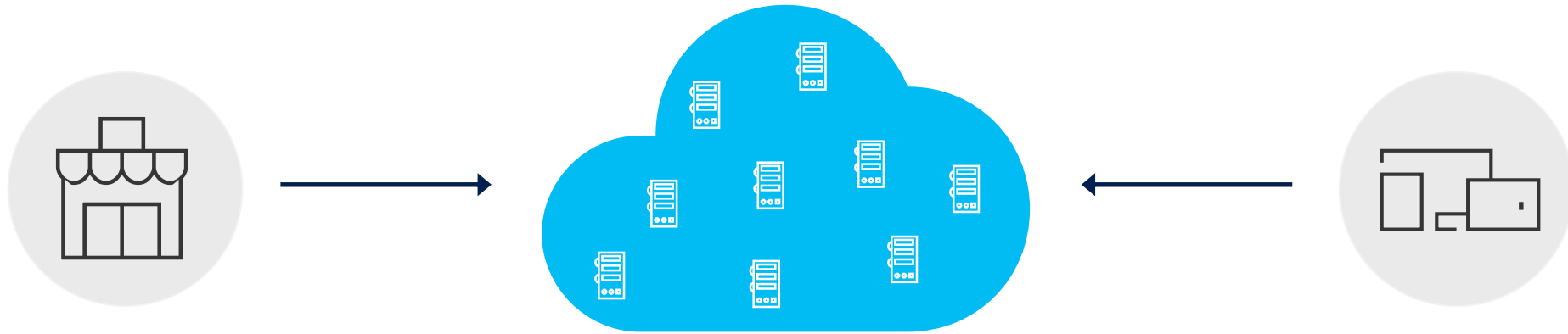
How can I increase “**server**” utilization?

How many “**servers**” do I need?

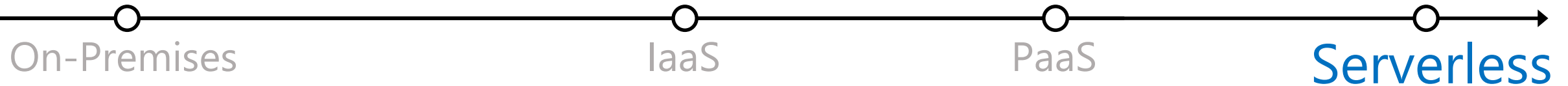
How can I **scale** my app?



How do I **architect** my app?



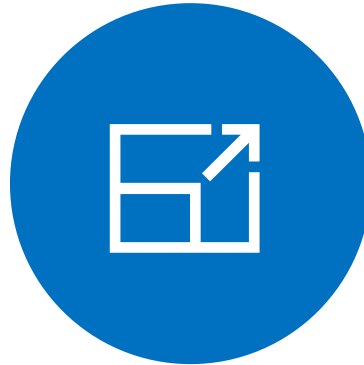
Serverless, the platform for next gen apps



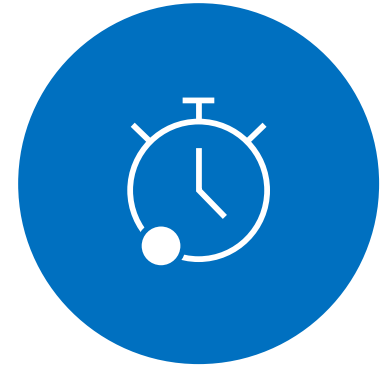
What is Serverless?



Abstraction of
Servers



Event-driven
instant scale

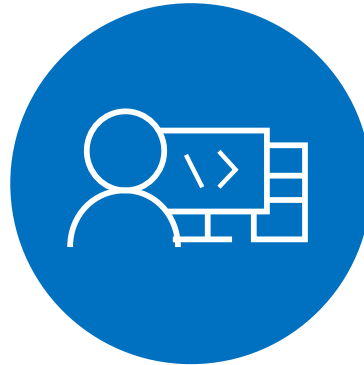


Micro-Billing

Benefits of Serverless



Manage apps
instead of servers



Reduced
DevOps



Faster time
to market

Microsoft Azure – Serverless Components



Development

 IDE support

 Integrated DevOps

 Local Development

 Monitoring

 Visual Debug History

Platform

 Event Grid

Manage all events that can trigger code or logic

 Logic Apps

Design workflows and orchestrate processes

 Functions

Execute your code based on events you specify

Database



Storage



Security



IoT



Analytics



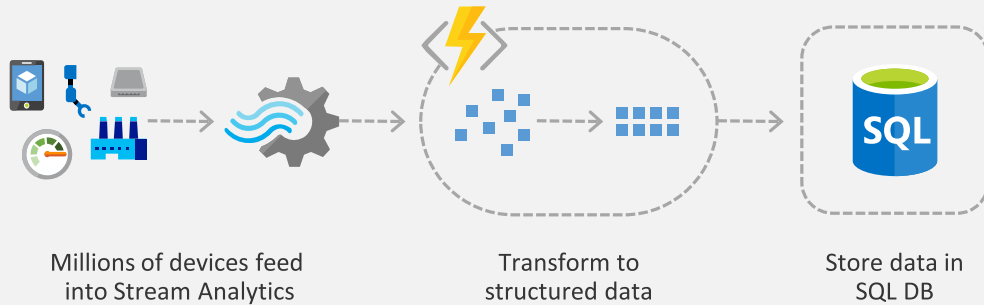
Intelligence



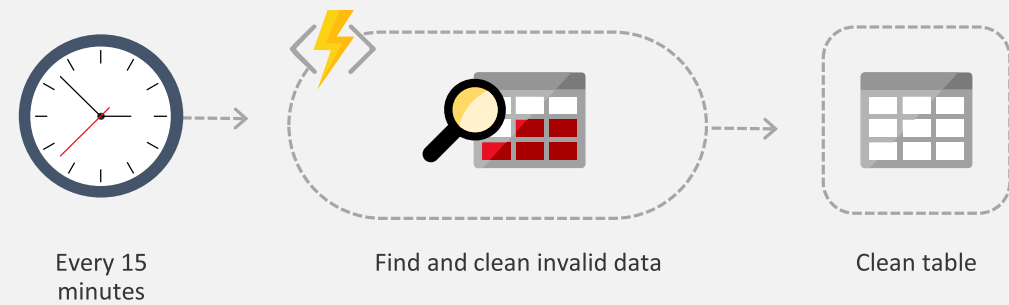
Scenarios for Serverless



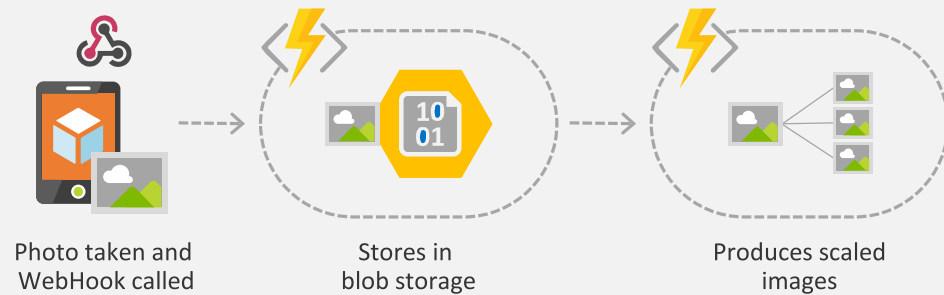
Real-time stream processing



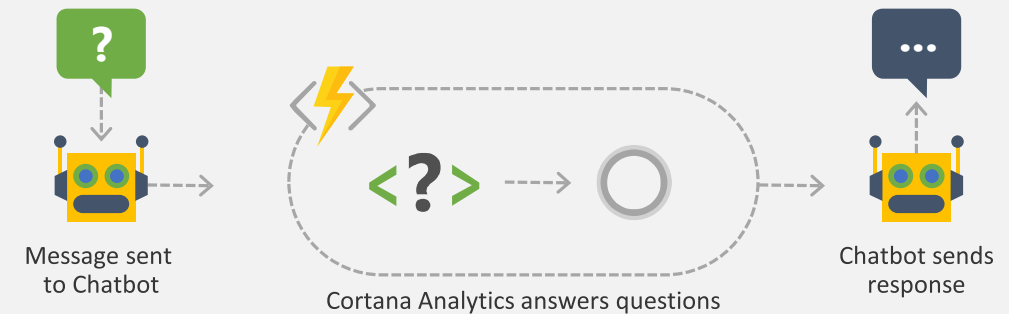
Timer-based processing



Backends (Mobile/IoT/Web)



Real-time bot messaging



DEMO

Logic Apps in Microsoft Azure





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Q&A

Summary

- Cloud Evolution
- What is Serverless
- Serverless in Azure