Server migration to **Microsoft Azure**

Microsoft Azure is a cloud platform, which consists of more than 100 interconnected data centers around the world, provides the ability to develop, run programs and store data on Microsoft servers.

WHAT CHALLENGES BUSINESSES FACE WHILE WORKING WITH ON-PREMISE INFRASTRUCTURE

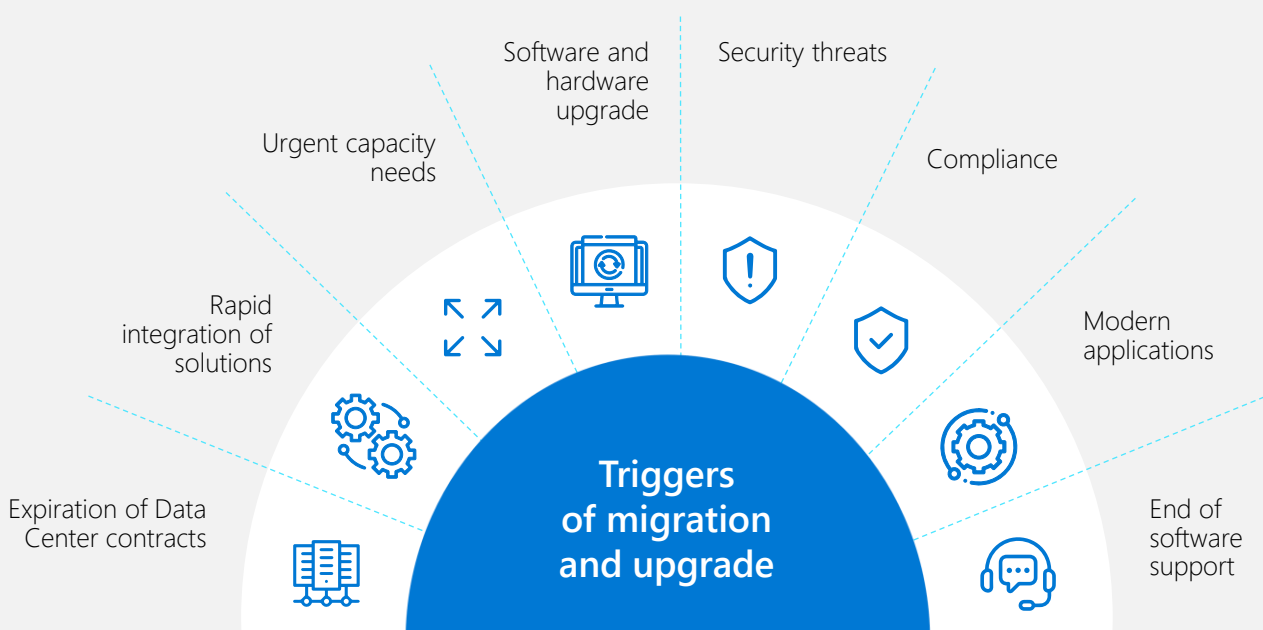|		
Service interruptions	Slow service operation	Ongoing maintenance and server replacement
High support cost for On-Premise	Limited computing resources and solution flexibility	Security complexity for the system and users

WHEN AZURE CLOUD SHOULD BE USED

Software and hardware upgrade

Security threats

Urgent capacity needs

Compliance

Rapid integration of solutions

Modern applications

Expiration of Data Center contracts

End of software support

Triggers of migration and upgrade

smart

BENEFITS OF MIGRATION TO MICROSOFT AZURE

51% Improved efficiency of IT teams

76% Increased backup speed

66% Reduced average data recovery time

337% Return on investment within 5 years

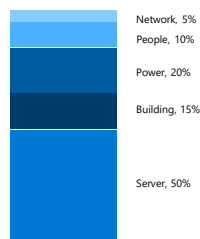## COST OPTIMIZATION OPTIONS IN MICROSOFT AZURE

The cost of an On-Premise solution

is the cost of owning equipment, which is formed from many points: the cost of the premises where the server racks are installed, the electricity consumed, etc., which leads to a high final cost of owning On-Premise servers.

Cost optimization options in Microsoft Azure:

- **Pay as you go** – pay as you consume resources.
- **Hybrid benefit** – with Microsoft On-Premise licenses, pay with savings of up to 40%.
- **Reservation** – cost reduction when reserving capacities for 1 or 3 years up to 80%.
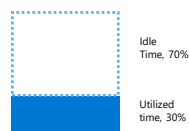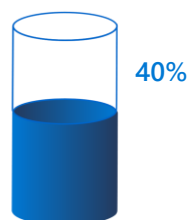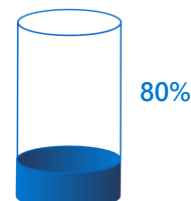
On-Premise cost
- Network, 5%
- People, 10%
- Power, 20%
- Building, 15%
- Server, 50%

Datacenter capacity
- Empty, 2MW
- Utilized, 3MW

Server capacity
- Idle Time, 70%
- Utilized time, 30%

Save 40% with Azure Hybrid Benefit
40%

Save 80% with Azure Hybrid Benefit + Reserved Instances
80%

CONSEQUENCES OF A DATA BREACH

4.2bn of accounts stolen by hackers in 2021

20% of organizations lose customers during cyberattacks

30% of organizations lose income during cyberattacks

DATA PRIVACY WHEN MIGRATING WITH SMART BUSINESS

The data is protected by a non-disclosure agreement (NDA).

All rules and guidelines for Microsoft CSP partners are followed.

Zero trust model and MFA (multi-factor authentication) are used for all accounts.

SMART business meets all the requirements of international standards ISO/IEC 27001:2013 and ISO 9001:2015 and has the relevant certificates.