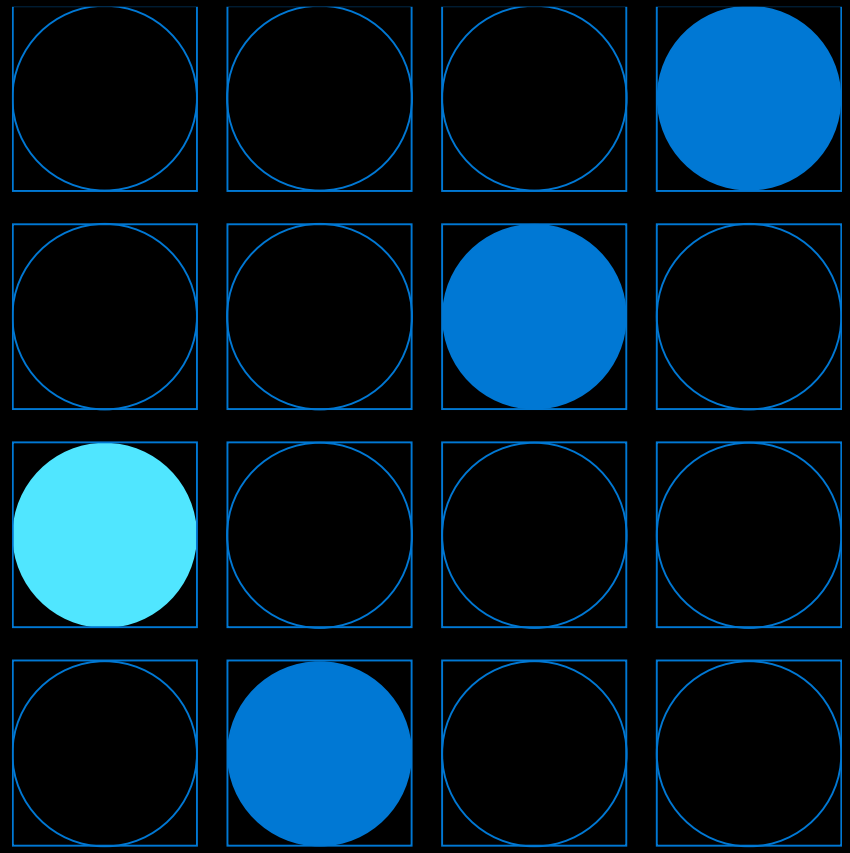
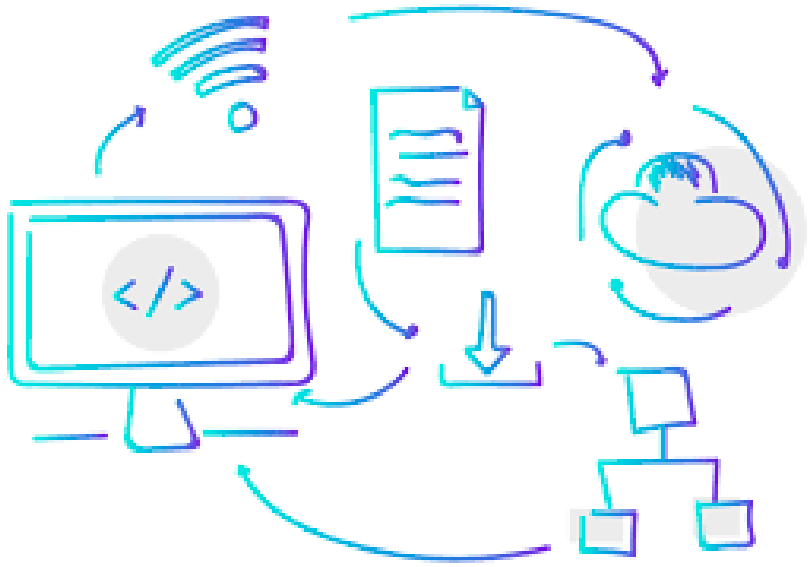
Microsoft Azure

Microsoft Azure DevDays



Microsoft

Digital Transformation



Digital Transformation

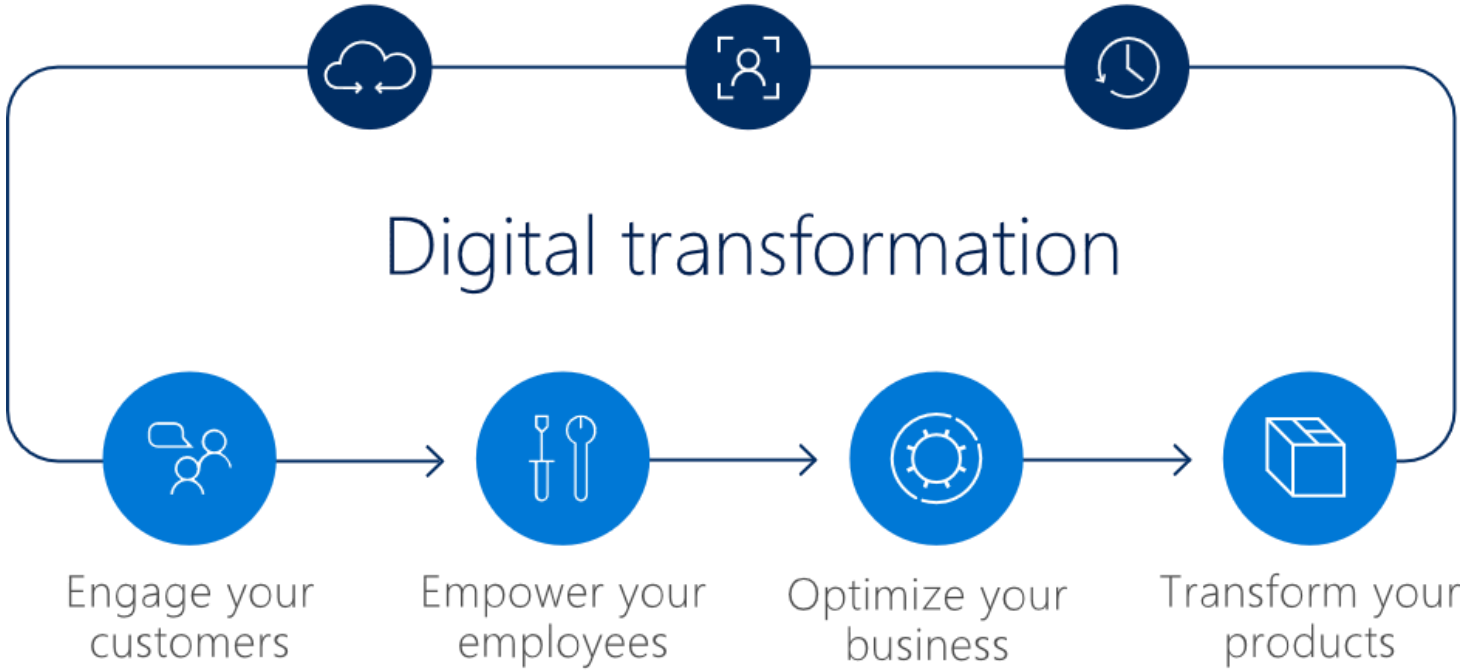
Digital transformation is not about replacing or refreshing your CRM or ERP…

It´s About Evolution

It´s About Transforming your business from the inside out, and being able to do so at scale.

Digital Transformation

Digital transformation marks a radical rethinking of how an organization uses technology, people and processes to radically change business performance.



Digital Transformation A Necessary Disruption

Contemplating the concept of digital transformation has become an agonizing feat for CIOs, many of whom view it as a catchphrase that has become confusing at best and meaningless at worst.

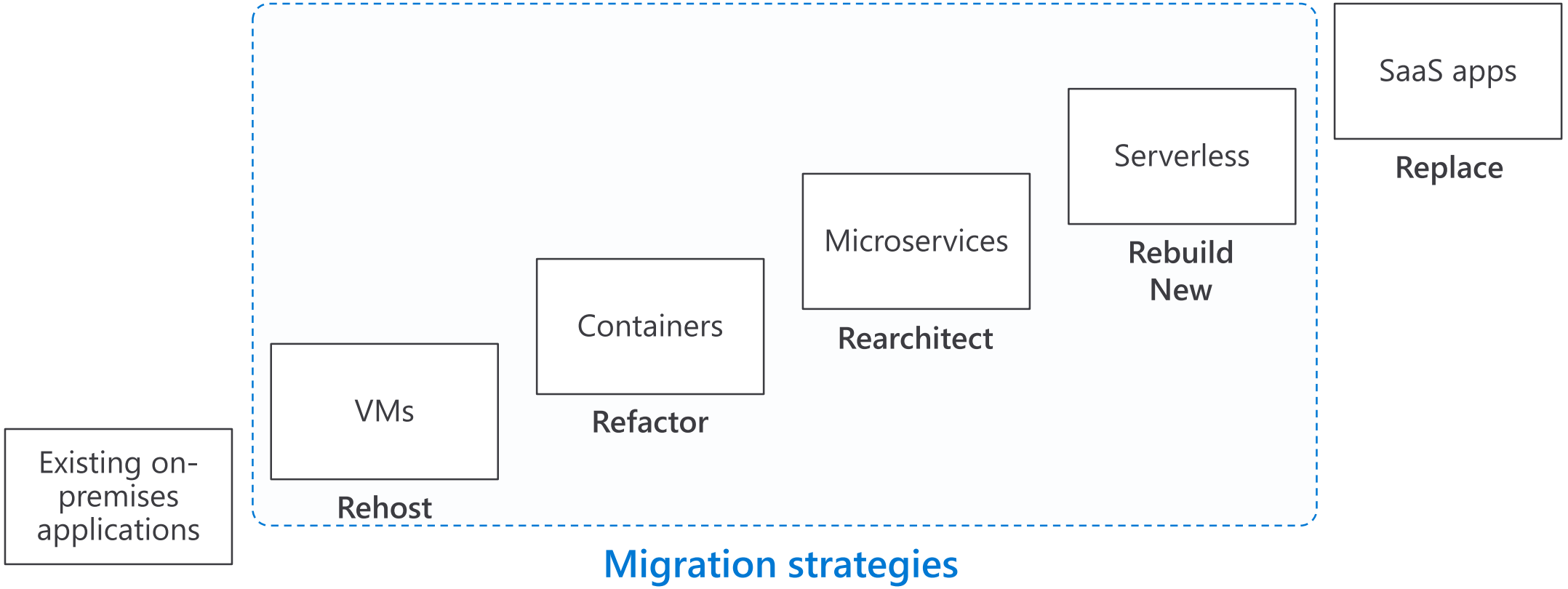
So mainstream, in fact, that 40 percent of all technology spending will go toward digital transformations, with enterprises spending in excess of $2 trillion by 2019, according to IDC.

Digital Transformation Defined

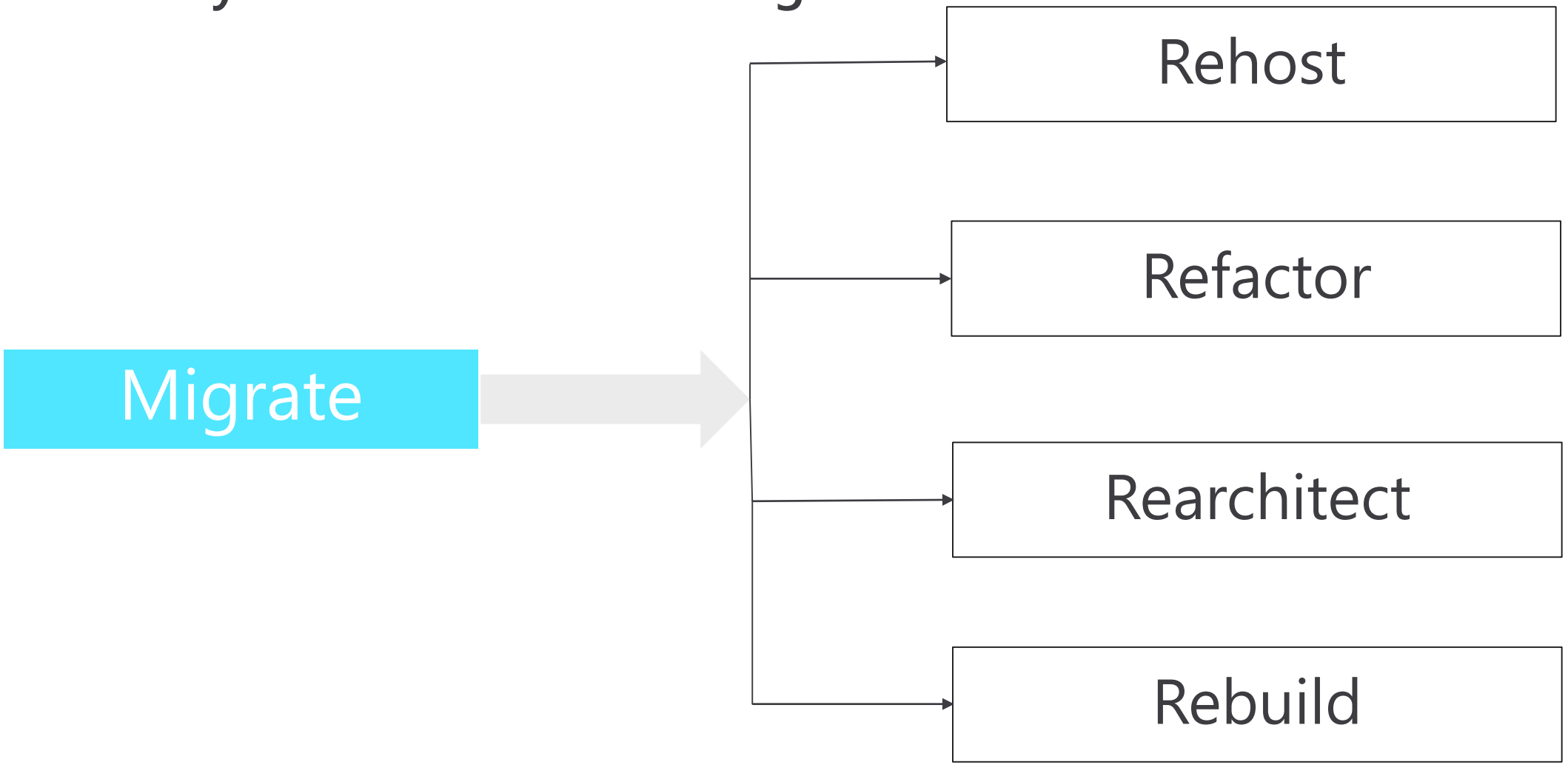
Digital transformation marks a radical rethinking of how an organization uses technology, people and processes to radically change business performance.

Digital transformation, which should be led by the CEO, requires cross-departmental collaboration in pairing business-focused philosophies with rapid application development models.

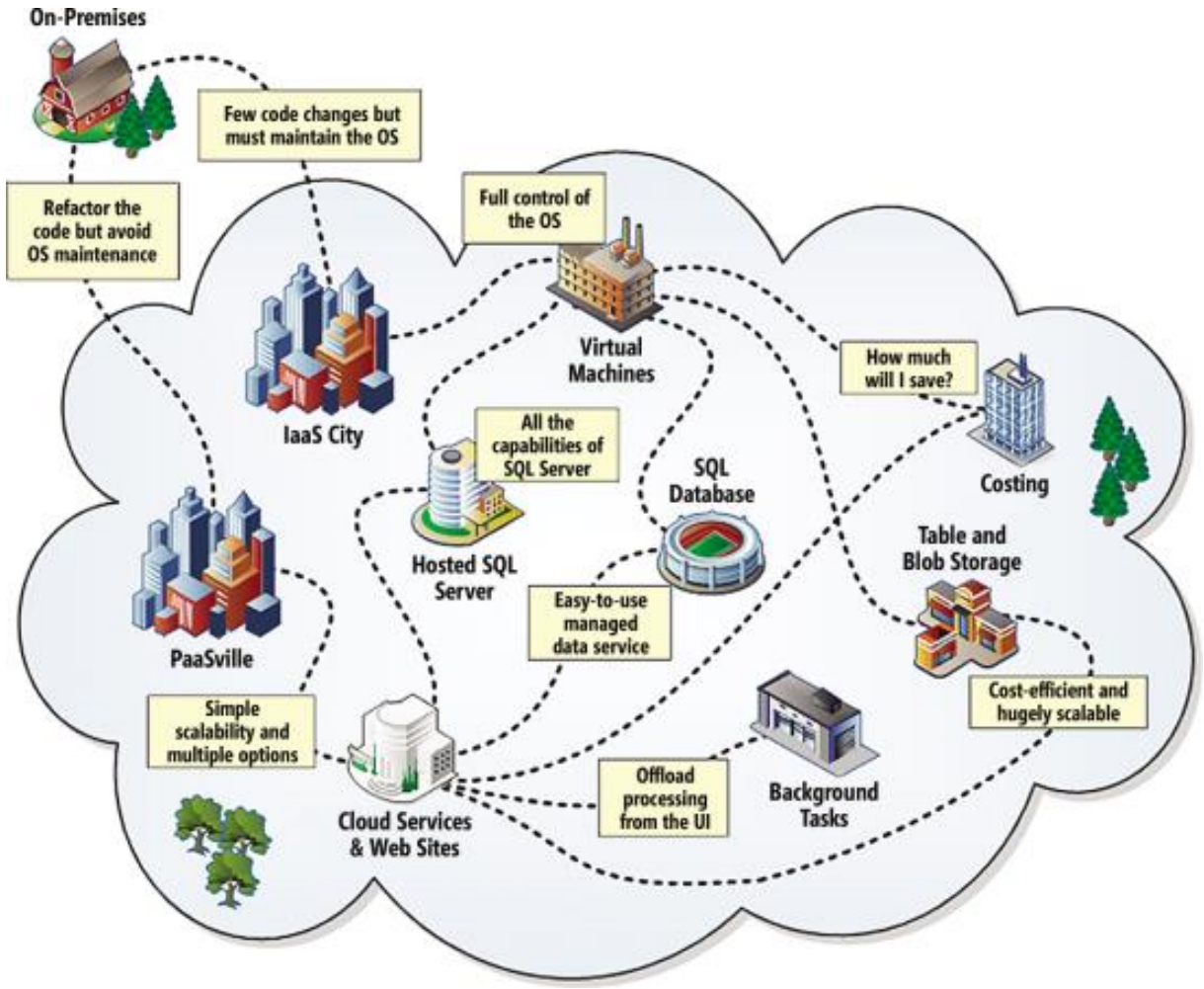
App Modernization



When do you need use this strategies?



Existing on-premises applications migrating to Azure



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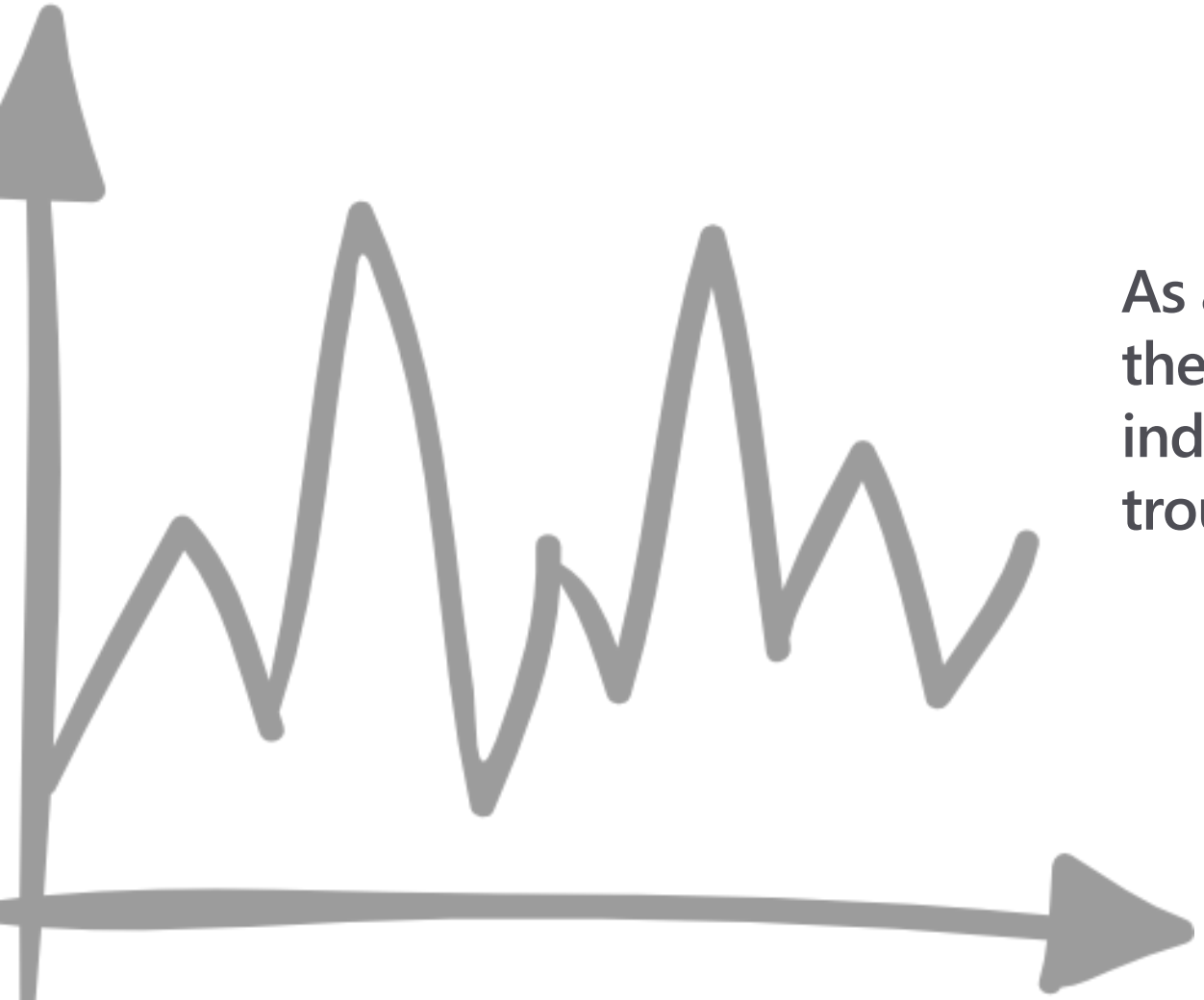
Value to Optimize and Modernize

FROM: Amazing Because Cloud = ABC
TO: Impossible Without Cloud = IWC

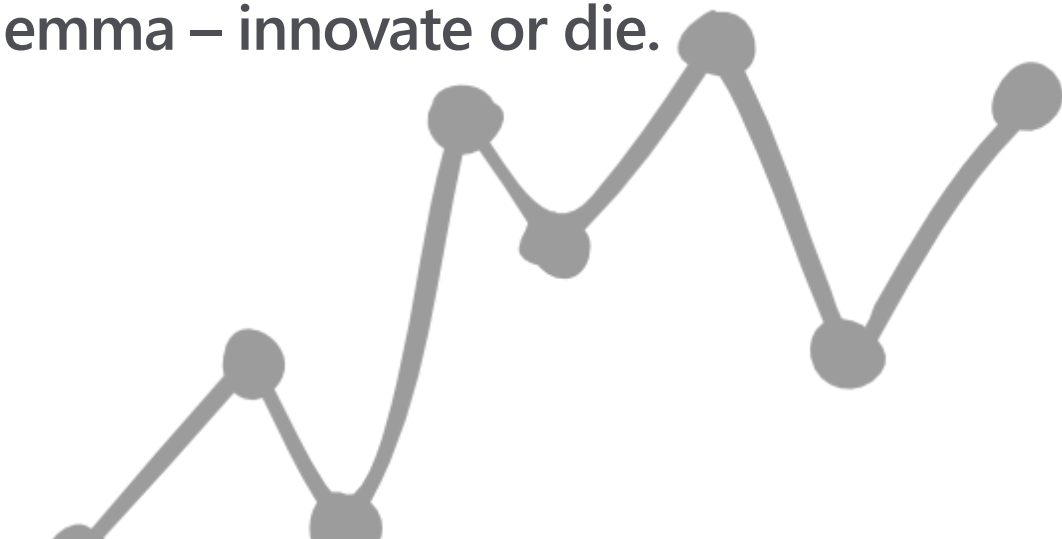
Digital Transformation Is Impossible Without the Cloud

The organizations that are willing to step up and face these trends are the ones experiencing transformation and growth, while those stuck in the traditional ways are beginning to stumble.

Innovate or Risk Losing Everything



As agile start-up companies continue to disrupt the status quo of long-standing markets and industries, large enterprises are left with a troubling dilemma – innovate or die.



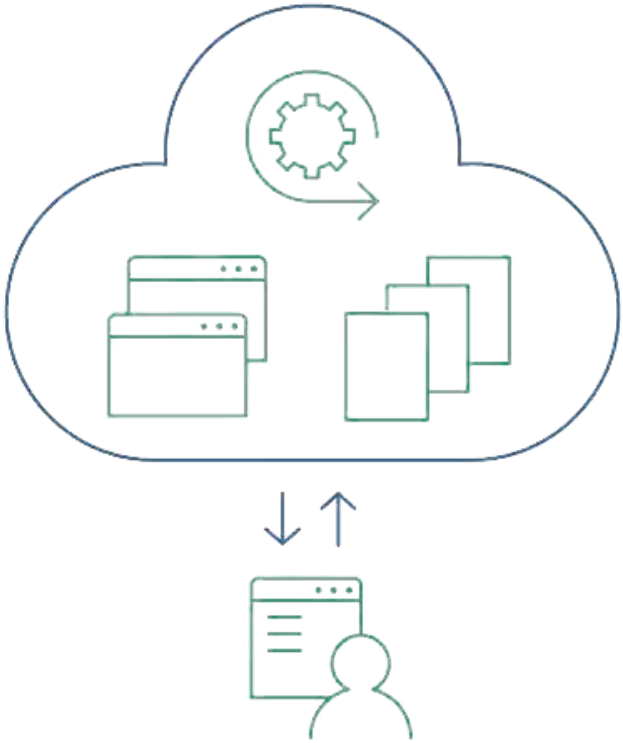
Cloud Maturity Model

Six Levels of Cloud Maturity

1. Experimenting: What is the cloud?
2. Securing the cloud: Can we trust the cloud?
3. Enabling servers and SaaS: Lift-and-shift, confirmation the cloud works pretty well
4. Enabling value added services: Dynamic cloud becomes a practice
5. Enabling unique services: Dynamic cloud is deeply ingrained in the culture
6. Mandating cloud usage: Why do we need our own data centres

Level 1: Experimenting With The Cloud

Level 1 involves using the cloud for a single, simple piece of an application to test how cloud services work. Often, the first service used is a storage solution such Azure Storage, because it's easy to store some things in the cloud and avoid addressing the complex processes and servers an application relies on.



Level 2: Securing The Cloud

Level 2 is a critical evolution point in an organization's cloud culture, as it begins to involve disciplines throughout the company—legal, finance, security, and so on.

Level 3: Using Servers And Applications In The Cloud

The result of this level should be an understanding of how the cloud works from an entire application standpoint. Critically, this is the point at which the organization begins to enjoy actual advantages from using the cloud.

Level 3 is also when an organization's application visibility and monitoring strategies being used in data centres get extended to the cloud. These monitoring and visibility strategies become a central component in making sure an application migration is successful.

Level 4: Enabling Value-Added Managed Services

A typical Level 4 conversation might go like this: “Okay, now that I have a database in the cloud, I still have to manage that database, but AWS and Microsoft Azure and everyone else offers managed databases. Why don’t I let them manage the database for me?”

As the dynamic cloud starts taking effect here, the cloud’s biggest benefits kick in. This is also when companies commit to using the cloud for at least some of their strategic applications and services.

Level 5: Enabling Cloud-Unique Services

At Level 5, the concept of dynamic cloud becomes embedded in an organization's application development and management processes. It is important at this time to make sure your monitoring strategy gives you the proper visibility you require into these highly dynamic applications.

Level 6: Mandating The Cloud

At Level 6 new applications default to running in the cloud rather than running in a data centre, and the organization must justify why they would need to be in a data centre. The end goal, though, is to migrate all applications into the cloud so the organization can decommission its data centres.

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Cloud Computing

Cloud Computing

What is cloud computing?

It is the use of Remote servers o the internet to store, manage and process data rather than a **local server** or your personal computer.

The central idea of cloud is this:

INSTEAD OF BUYING OF COMPUTER...

You Buy Compute.

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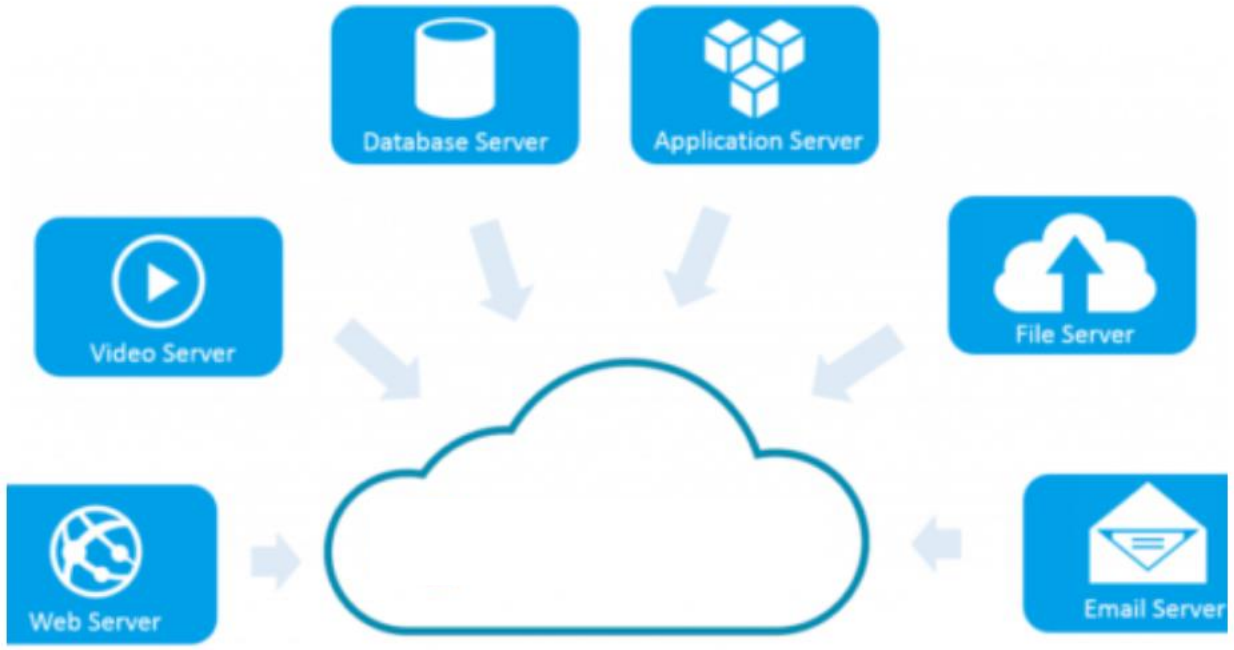
Characteristics of Cloud Computing

Essential Characteristics of Cloud Computing



- On-demand self service
- Broad network access
- Resource pooling
- Rapid elasticity
- Measured Service

Cloud Computing Service Models

Cloud Clients
Web browsers, operating systems, mobile apps, client, devices: laptops, tablets, smartphones, etc.

↕

SaaS
On demand applications made available over the web. Examples: MS Office.

PaaS
OS, application execution environment, database, webservice, etc. Windows

IaaS
Servers, virtual machines, network, storage, firewalls etc. Examples: Azure

- **Software as a service (SaaS)**
- **Platform as a service (PaaS)**
- **Infrastructure as a service (IaaS)**

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Cloud Deployment Models

Public

Private

Hybrid

Cloud Deployment Models

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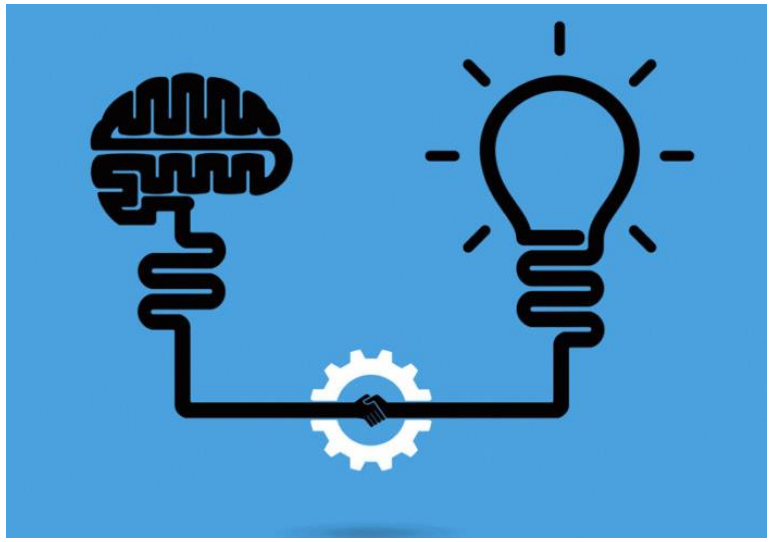
Why Should You Migrate Your IT Infrastructure to Azure?

Advantages to migrate to Azure

- ✓ **Speed**
- ✓ **Agility, Scalability, and Flexibility**
- ✓ **Global Presence and Reach**
- ✓ **Disaster Recovery**
- ✓ **Integrated Development Environment**
- ✓ **Security**
- ✓ **Regulatory Compliance**

3 reasons to migrate your applications to Azure



Innovation

Save money

Security and compliance

Microsoft

Thank You