



Microsoft Azure Hybrid Platform

3rd of September 2019 @ Fujitsu expert4you Egerkingen (CH)

Walter Pitrof

Sr. Cloud Solution Architect – Azure Infra Microsoft Switzerland Email: walterp@microsoft.com



Cloud and Digital Transformation

Cloud allows customers to focus their energy on building what differentiates them: customer focused applications

This is the heart of Digital Transformation

The Power of Cloud

The application under the name <u>EasyGlucose</u>* the student of the University of California, Los Angeles (UCLA) Bryan Chiang (18 years). He became the winner of the competition Microsoft Imagine CUP 2019.



The current method







The future method

What is Azure?

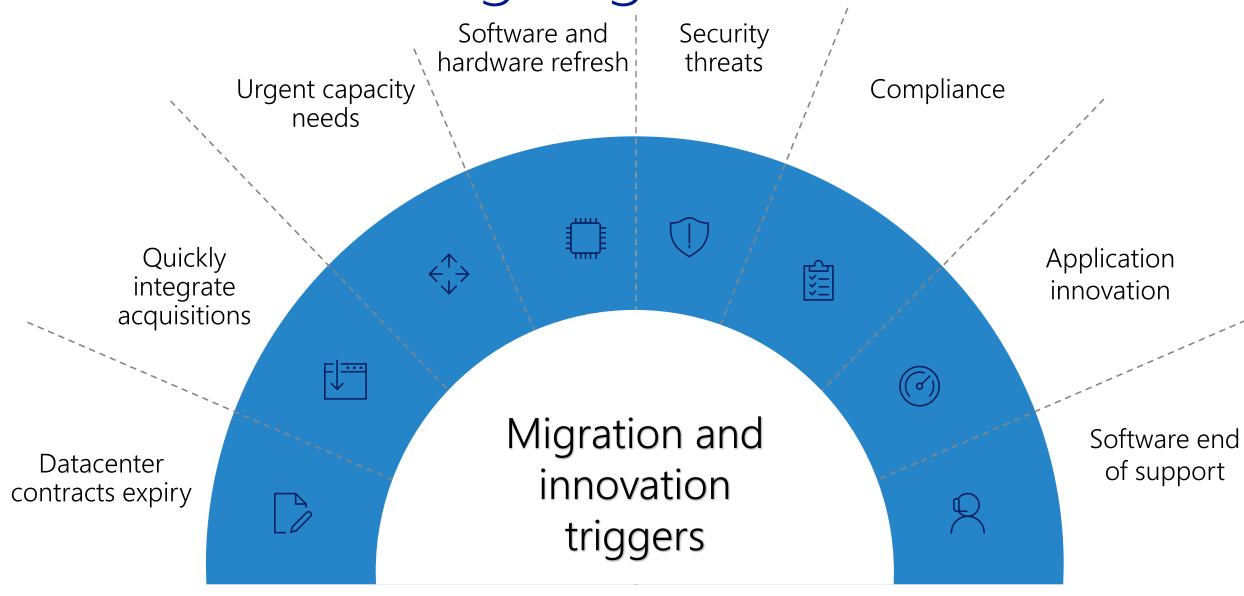
Microsoft Azure is an platform which allows you to

write run and use software



What's driving migrations to Azure?

What's driving migrations to Azure?

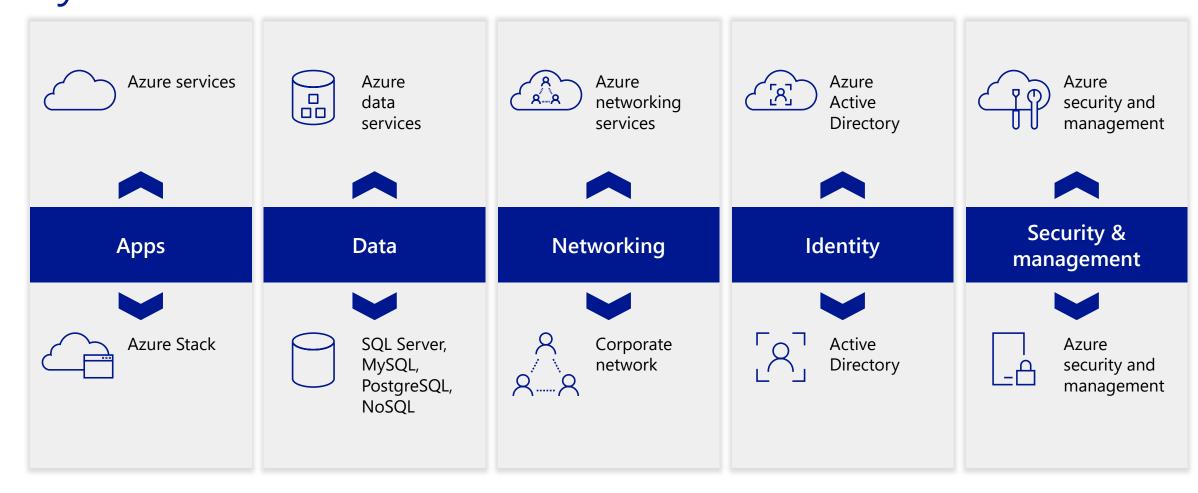


Infrastructure is the core of digital transformation

On-demand	Purpose-built	Linux and open source	Best choice for Microsoft workloads
Compute	SAP	>50% of Azure VMs are running Linux	\$ Cost savings
Networking	™ NetApp ™	1.4x growth of Linux	Easy migrations
_	CRAY		First-party support
Storage	vm ware [®]	Red Hat Co-located support with Red Hat & SUSE on-site team	Modernize apps beyond infrastructure

Hybrid Cloud

Azure is the only consistent, comprehensive hybrid cloud



Hybrid Platform

Hybrid platform

Azure meets your workloads where they are

Use public cloud services

For on-demand, self-service computing resources to migrate and modernize existing apps and build new cloud-native apps

Operate cloud services on-premises

Build and run cloud applications at the edge, when disconnected, or to meet regulatory requirements using consistent Azure services on-premises

Run virtualized applications on-premises

Run virtualized applications on-premises, replace and consolidate aging server infrastructure, and connect to Azure for cloud services

Azure Portal, API, laaS and PaaS, and cloud platform admin tools Cloud compute, storage, and networking Azure hardware Azure Stack HCI solutions Hyperconverged compute, storage, and networking Industry standard hardware

What I use...

More than 100 services available in 54 regions around the globe

What I use...

Azure VMs for Windows and Linux

Azure Web Apps and Functions

Azure Key Vault

Azure Resource Manager

Azure Marketplace

IOT Hub/Event Hub

Admin tools (Plans, offers, RBAC, etc.)

What I use...

On-premises

Validated HCI solutions powered by Hyper-V and Storage Spaces Direct in Windows Server 2019 SDDC

Windows Admin Center for management and integrated access to Azure services such as:

Azure Backup

Azure Site Recovery

Azure Monitor and Update Management

And more

