



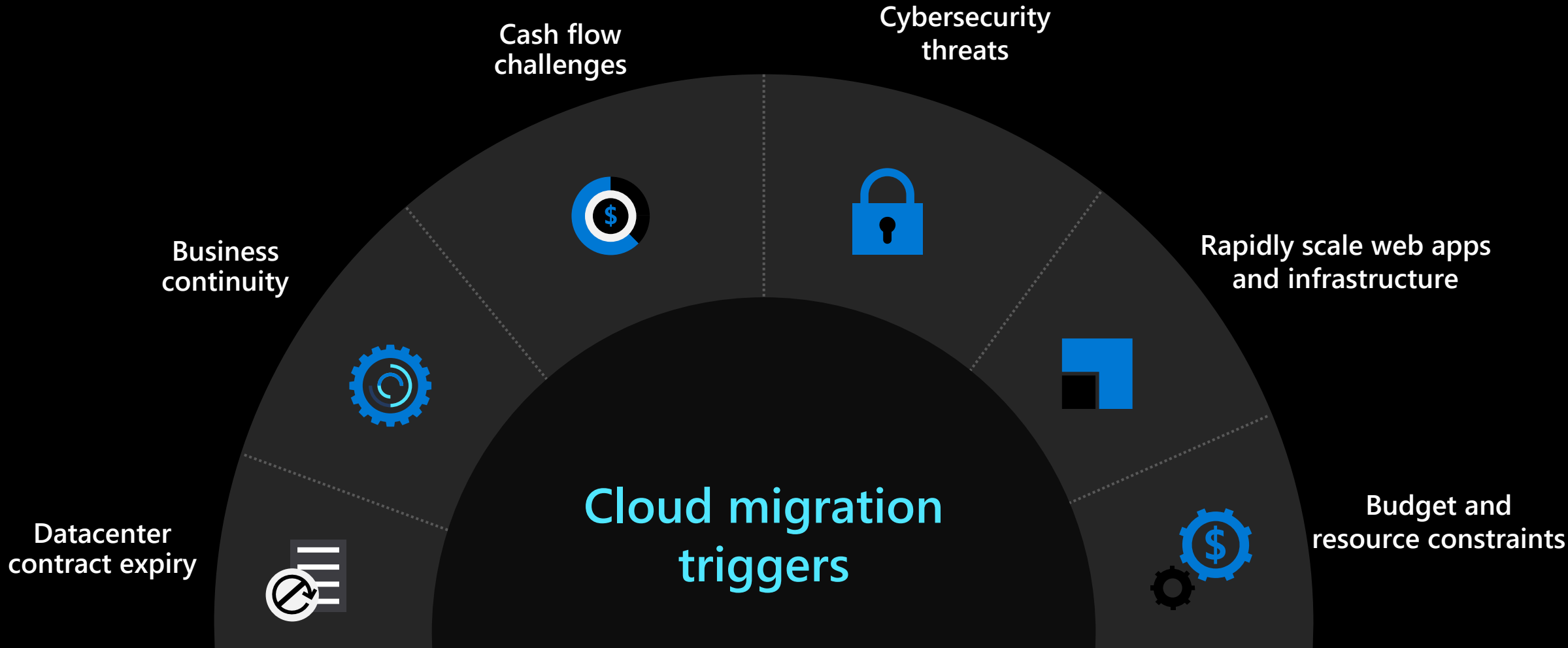
Infrastructure Migration in a Day Workshop



Session 1:

Azure migration overview: Optimize costs and migrate with confidence

Asaf Hason, Cloud Team Lead, Aztek Technologies



Migrate to Azure efficiently on your own terms



Optimize costs and
migrate with confidence



Stay secure and resilient
across hybrid environments



Scale your applications and
workloads on-demand

Optimize costs during and after migration



During migration

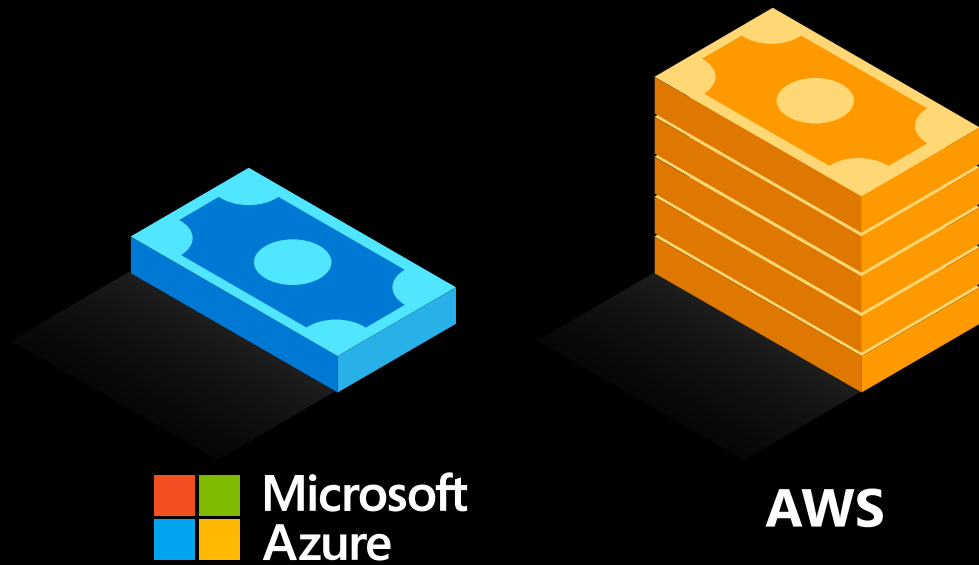
- ◆ Model on-premises vs. Azure costs using the **Azure TCO Calculator**
- ◆ Right-size Azure resources based on assessment guidance from **Azure Migrate**
- ◆ Use **Azure Hybrid Benefit** & **Azure Reserved Instances** to save money
- ◆ Join the **Azure Migration Program** to save on migration costs



Post migration

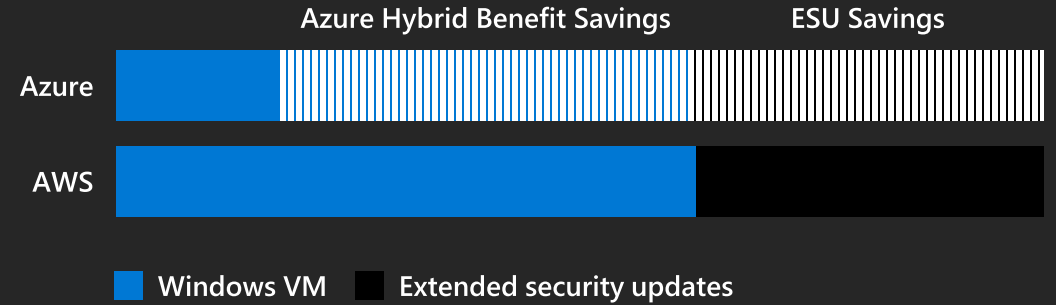
- ◆ Use best practice recommendations to save (e.g., shutdown idle resources) with **Azure Advisor**
- ◆ Implement cost controls with **Azure Policy** so your teams can go fast with control
- ◆ Monitor your bill, set budgets, & allocate spending with **Azure Cost Management**

Pay less with Azure.

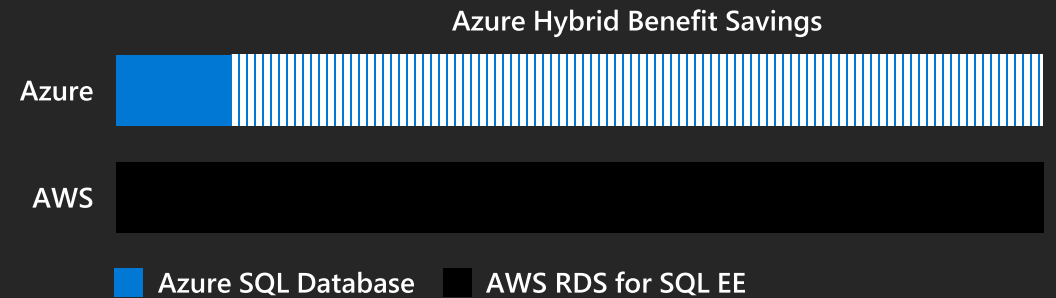


Why run Windows Server and SQL Server anywhere else?

Windows Server savings illustration



SQL Server savings illustration (PaaS)



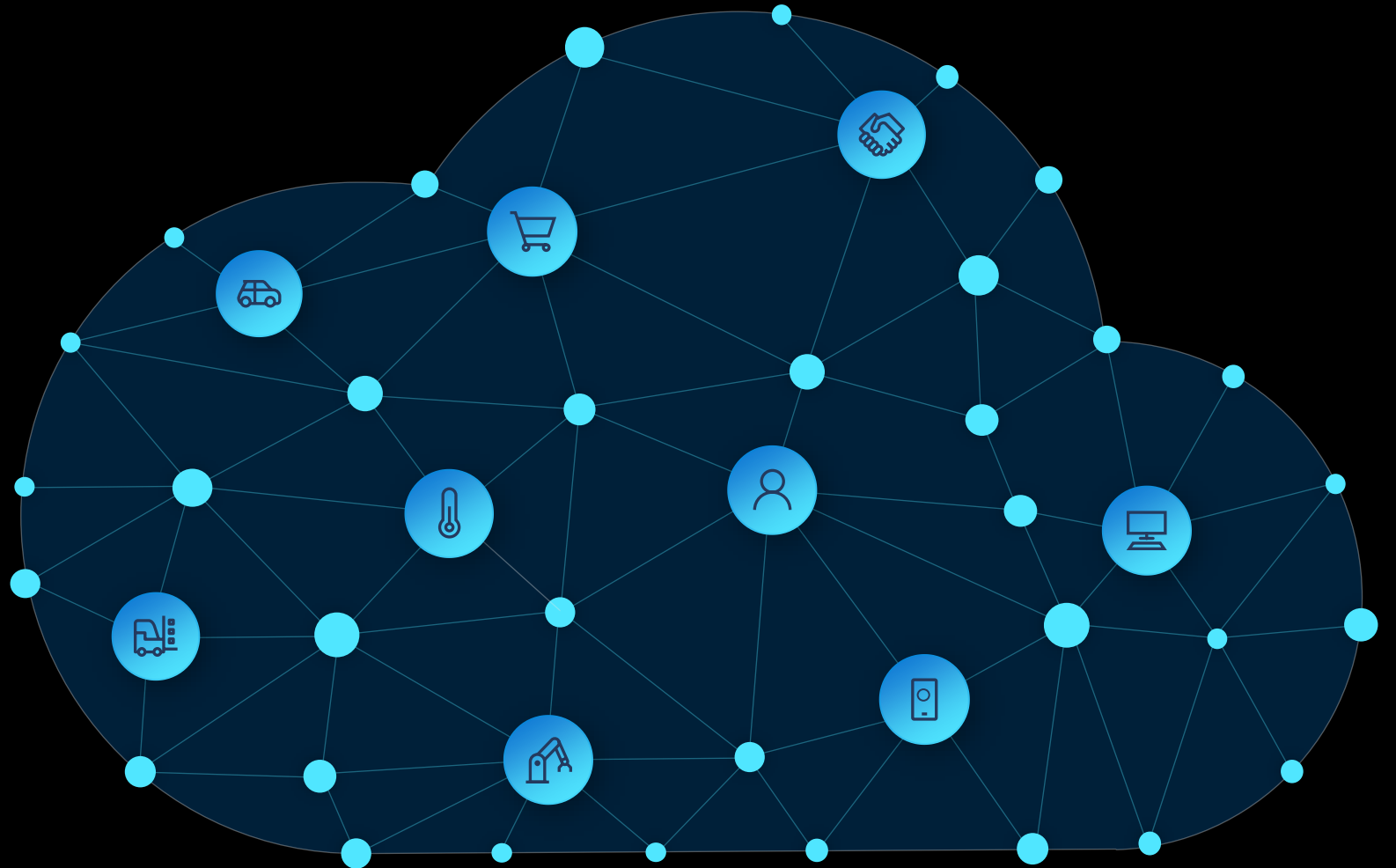
Learn more: aka.ms/why5xmore

Start with a secure, trusted foundation

\$1B+ annual investment

3500+ security experts

Trillions of signals
analyzed for intelligence



Rely on multi-layered security controls across hybrid environments



Security management

Manage security state of hybrid workloads with a single view



Threat protection

Access cloud-native SIEM and AI-driven security analytics



Identity & access

Unify identity management and secure identities to implement zero trust



App and data security

Encrypt data, and protect keys and secrets used by apps



Network security

Enhance the protection of your virtual networks

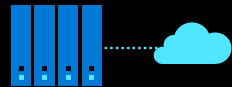
Azure Sentinel | Azure Security Center | Azure Active Directory | Azure Key Vault | Azure Firewall & DDoS

Azure Hybrid

Innovation anywhere with Azure



Single control plane with **Azure Arc**



AWS VMware

Google Cloud

Bring **Azure services**
to any infrastructure



Modernize datacenters
with **Azure Stack**



Extend to the edge
with **Azure IoT**

Enhanced business continuity across hybrid environments



One-click backup for VMs and databases with **Azure Backup**



Data encryption & multi-factor authentication with **Azure Backup**



Recover data and apps quickly and reliably with **Azure Site Recovery**

High Availability

SLA 99.9%
Isolated VM failure

SLA 99.95%
Hardware failure

SLA 99.9%
Entire datacenter failure

Minimal RPO/RTO
Entire region failure

Best-in-class infrastructure for every workload

VIRTUAL MACHINES



ENTRY LEVEL



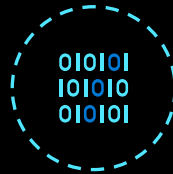
BURSTABLE



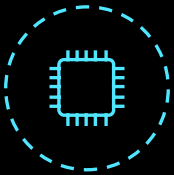
GENERAL PURPOSE



CONFIDENTIAL
COMPUTING



COMPUTE INTENSIVE



MEMORY OPTIMIZED



GPU ACCELERATED



HIGH PERFORMANCE
COMPUTING



STORAGE OPTIMIZED



QUANTUM



Standard HDD



Standard SSD



Premium SSD



Ultra Disk

GENERAL PURPOSE

Windows Server

SQL Server

Linux

PURPOSE - BUILT

VMware

SAP

Cray

NetApp

Linux and open source databases offerings on Azure

Unique Azure offerings for Linux and containers

- Integrated support
- Azure Red Hat OpenShift
- Ansible integration
- JBoss integration

Red Hat

- Integrated support
- Azure Tuned Kernel
- SAP integration

SUSE

- Azure Tuned Kernel

Ubuntu CentOS

- Fully supported on Azure Flatcar Debian SUSE

- Fully managed container service



Red Hat OpenShift

Unique Azure offerings for SQL Server and open source databases

Compute options for every workload

Robust monitoring, backup and governance tools

Incentives to save money



Low TCO with built-in HA

Fully managed community versions



Industry-leading compliance and layers of security



Visual Studio and VS Code for Database services



Visual Studio



Visual Studio Code

Fully Managed Cache service with Redis for scalable apps





Azure App Service

Scale your web applications
on-demand

Reduce operational tasks, focus scarce
IT resources on higher value work

Only fully-managed service
for any .NET web application

Automated load balancing and
infrastructure maintenance

Built-in autoscaling

Automated migration with App
Service Migration Assistant

Quickly migrate virtual desktops and apps to Azure

Windows Virtual Desktop

Deploy and scale in minutes

Deliver the only multi-session
Windows 10 experience

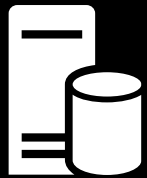
Enable optimizations for
Office 365 ProPlus

Migrate Windows Server (RDS)
desktops and apps



Common migration projects

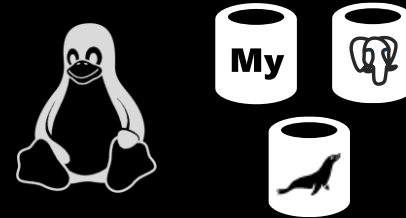
Windows Server



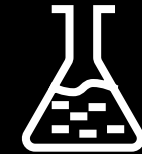
SQL Server



Linux & open source databases



DevTest



Web apps



SAP

SAP

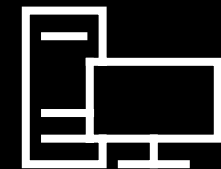
Specialized workloads

VMware

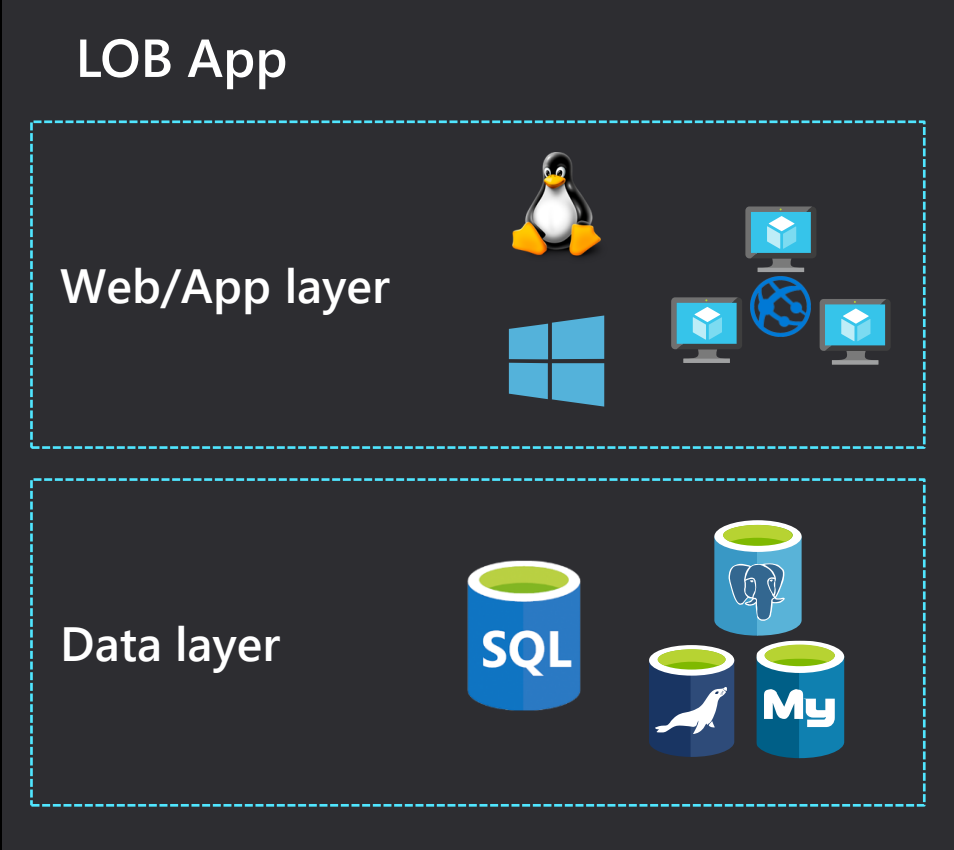
NetApp

Oracle

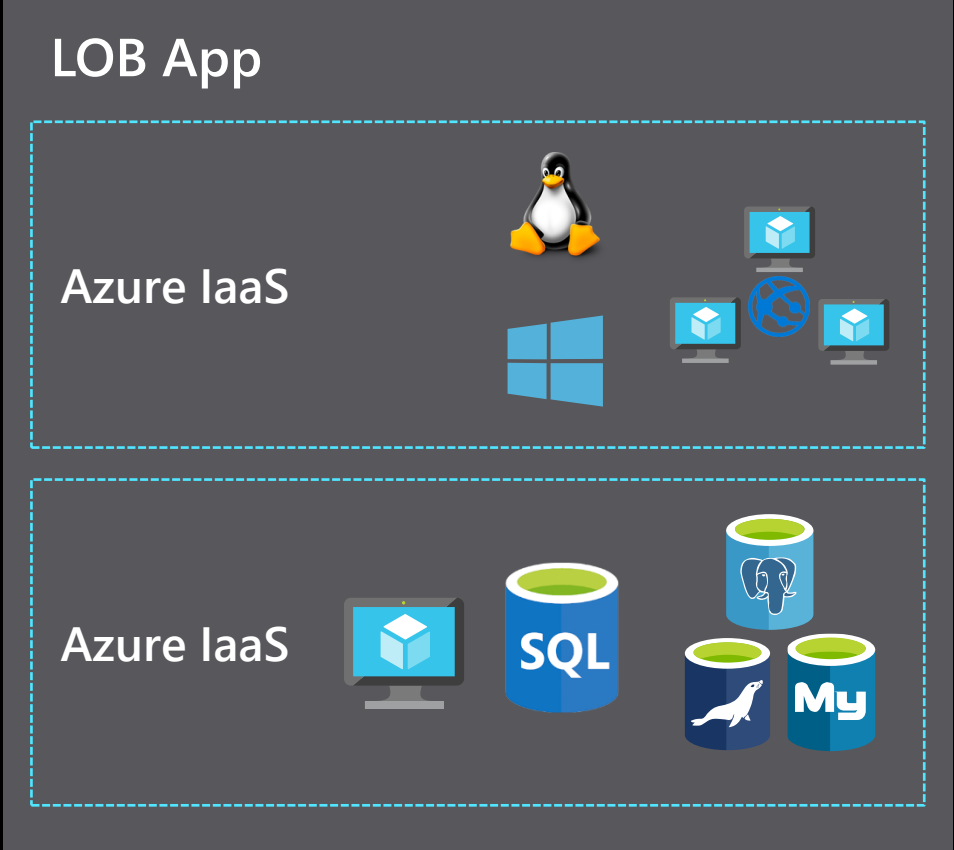
VDI



Migrating your workloads to Azure IaaS



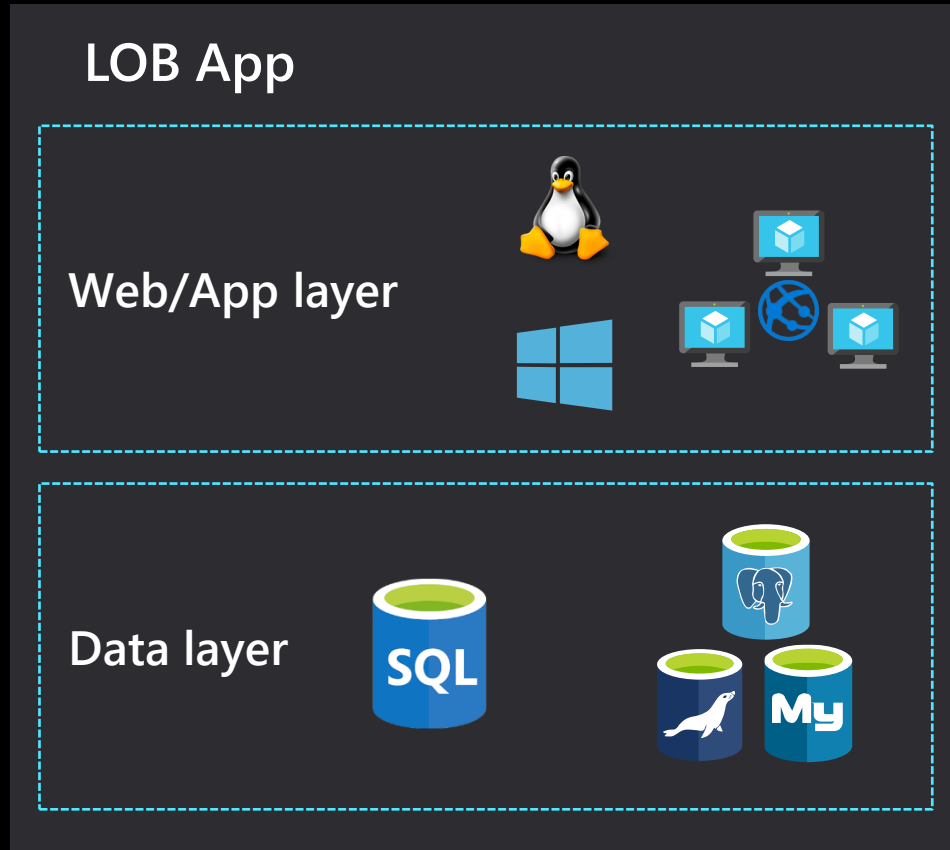
Azure Migrate –
Server Migration



Hyper-V VMware aws Google Cloud

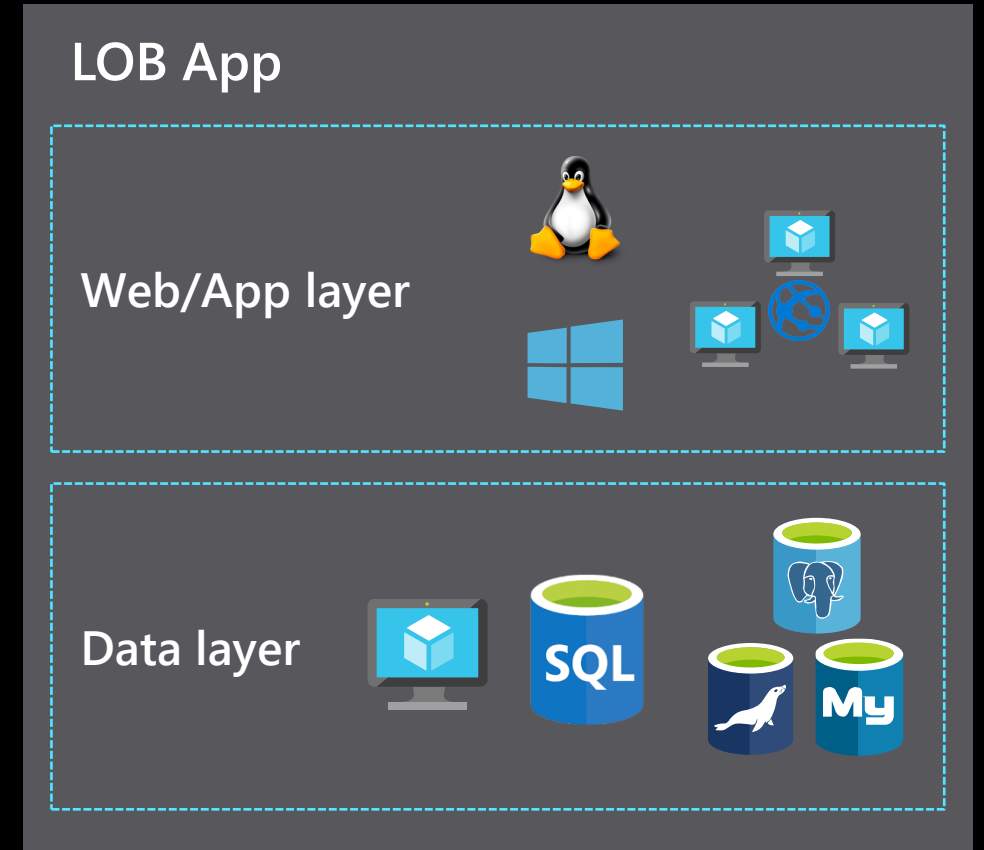
Microsoft Azure

Migrating your VMware-virtualized infrastructure to Azure VMware Solution



VMware

VMware tools



Azure VMware Solution

Migrating your Virtual Desktop Infrastructure (VDI) to Windows Virtual Desktop

VDI Deployment

Virtual Desktops
(RDS/VMware/
Citrix)



VDI Infrastructure



Azure Migrate
(integration with
Cloudmize for
Assessment)
Partner tools for
Migration




VDI Deployment

Windows Virtual
Desktop (native
or VMware/Citrix)



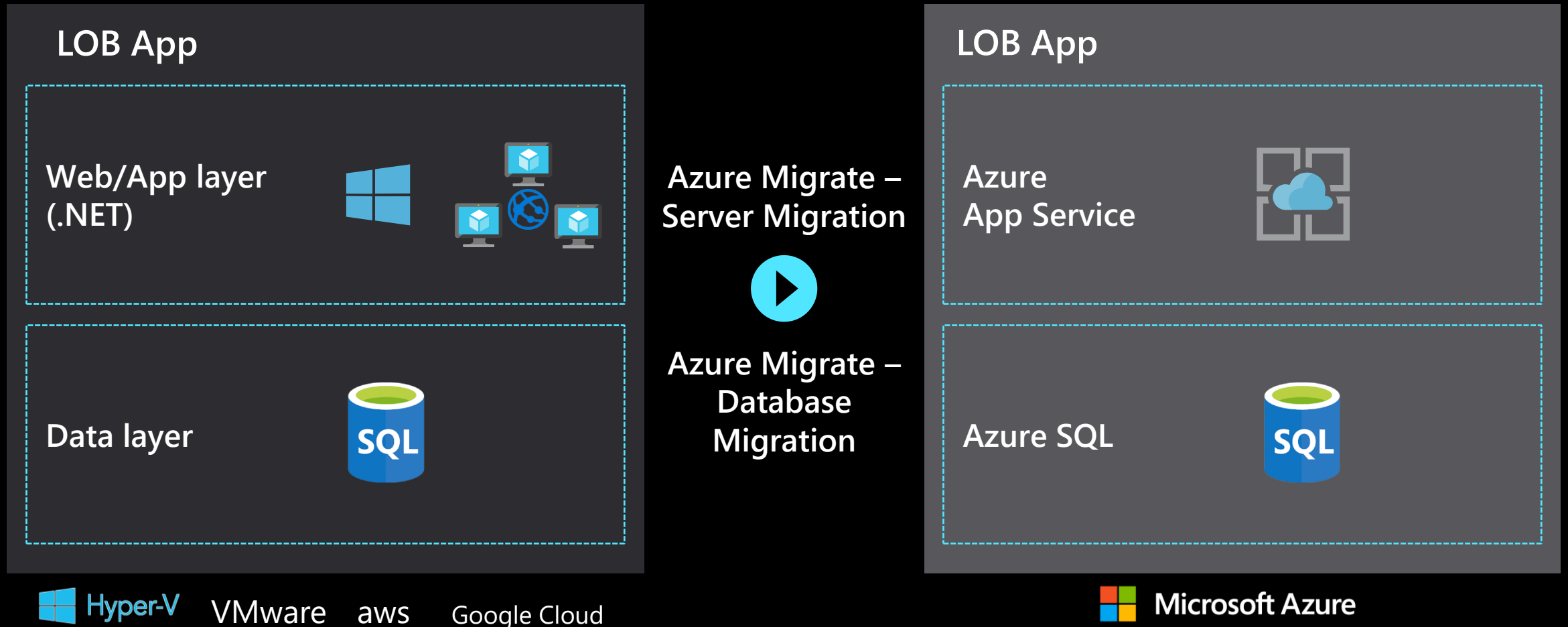
Azure IaaS



 Hyper-V VMware AWS Google Cloud

 Microsoft Azure

Modernizing your .NET applications to Azure App Service & Azure SQL

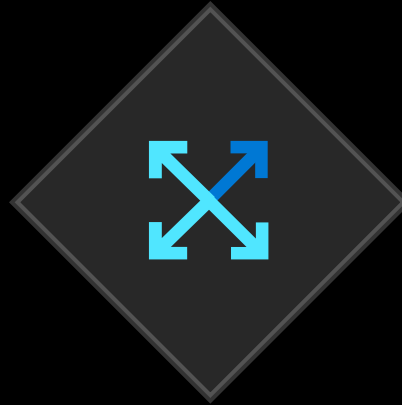


Key investments to lower migration costs and help you move with confidence



Microsoft Cloud Adoption Framework

Proven guidance to accelerate
your cloud adoption journey



Azure Migration Program FastTrack for Azure

Best practices & resources,
including Azure engineering &
specialized partners



Azure Migrate

Single hub for all
your migration needs



Thank you for listening!

Asaf Hason: asaf@aztek.co.il

Chaim Alter: chaim@aztek.co.il

Shmuel Murashkovsky Shmuel@aztek.co.il

Yossi Shay: Yossi.shay@aztek.co.il