



KoçSistem

GELECEĞİ KEŞFET

KoçSistem & Azure

KoçSistem

20 years experience of Datacenter, Hybrid Cloud Management and road to Azure Expert MSP...

Managed Services
VM's

+7000

Managed Linux
Vm's

+1800

Microsoft
Certificated

42

Azure
Certificated

16

Azure Subscription

28

Azure VM's

~200

Azure Expert MSP



~40 Azure PaaS Managed Services



SAP on Azure Managed Services



Azure Engineering Monthly Meetings
Microsoft Advisory Service



Azure Managed Services

AZURE Architecture

AZURE MONITORING

Azure Alerts – Log Analytics – WebHook- HP OMI

AZURE Security

DDOS Protection, Front Door, Firewall, Application GW

Infrastructure:
Azure VM,
Storage,
Backup, Policy

Database:
SQL
ManagedInstance,
SQL for MySQL

SAP:
SAP on
Azure

DevOps:
Application
Development

MIGRATION:Azure



Discovery

- VM's and app assesst
- Authentication
- App dependancy
- Network/Security Solutions
- Azure Migrate Tool
- Cloudamize
- Movere
- Azure Migration Service



Analysis

- Limitations and Risks
- Migration Groups
- Update/Upgrade
- Azure Resource Sizing
- Azure Cost Analysis
- Database & WebApp Azure PaaS



Design

- Landing Zone Design:
 - Subscription
 - Vnet / Network
 - VPN
 - Azure Storage Infra

Azure

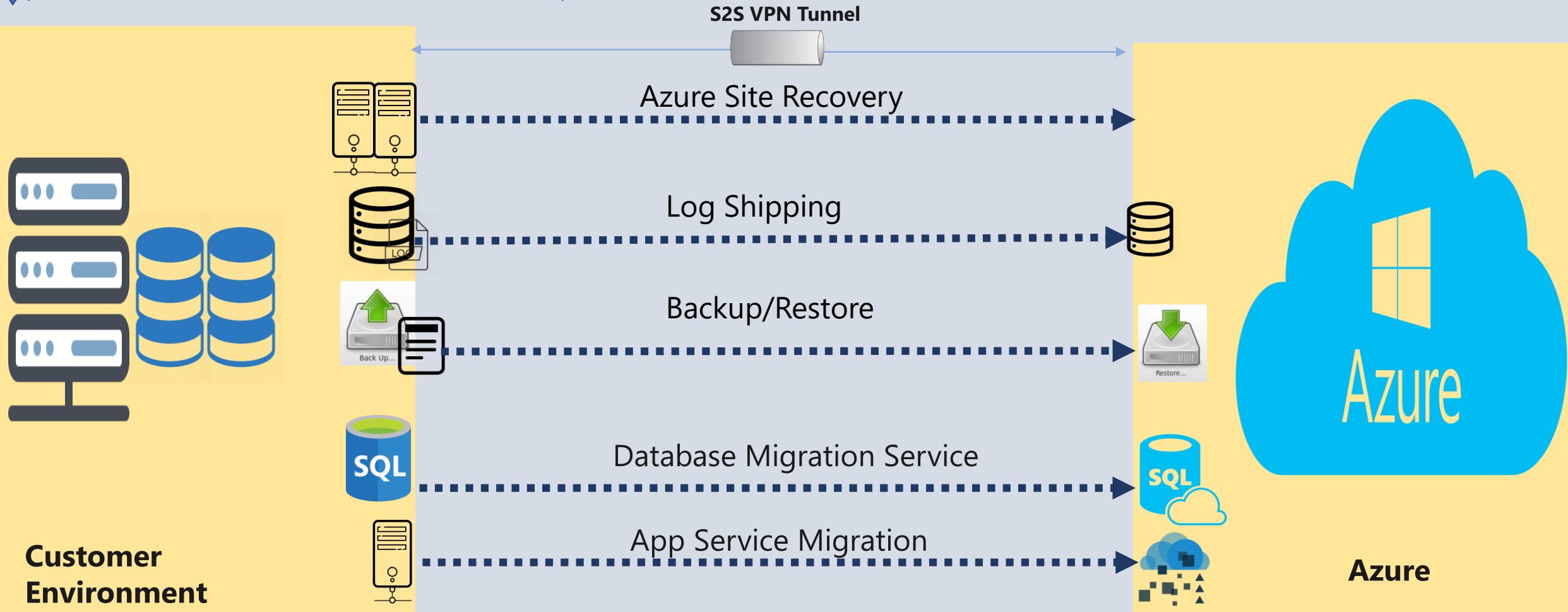
MIGRATION: Azure

IaaS – PaaS – SaaS

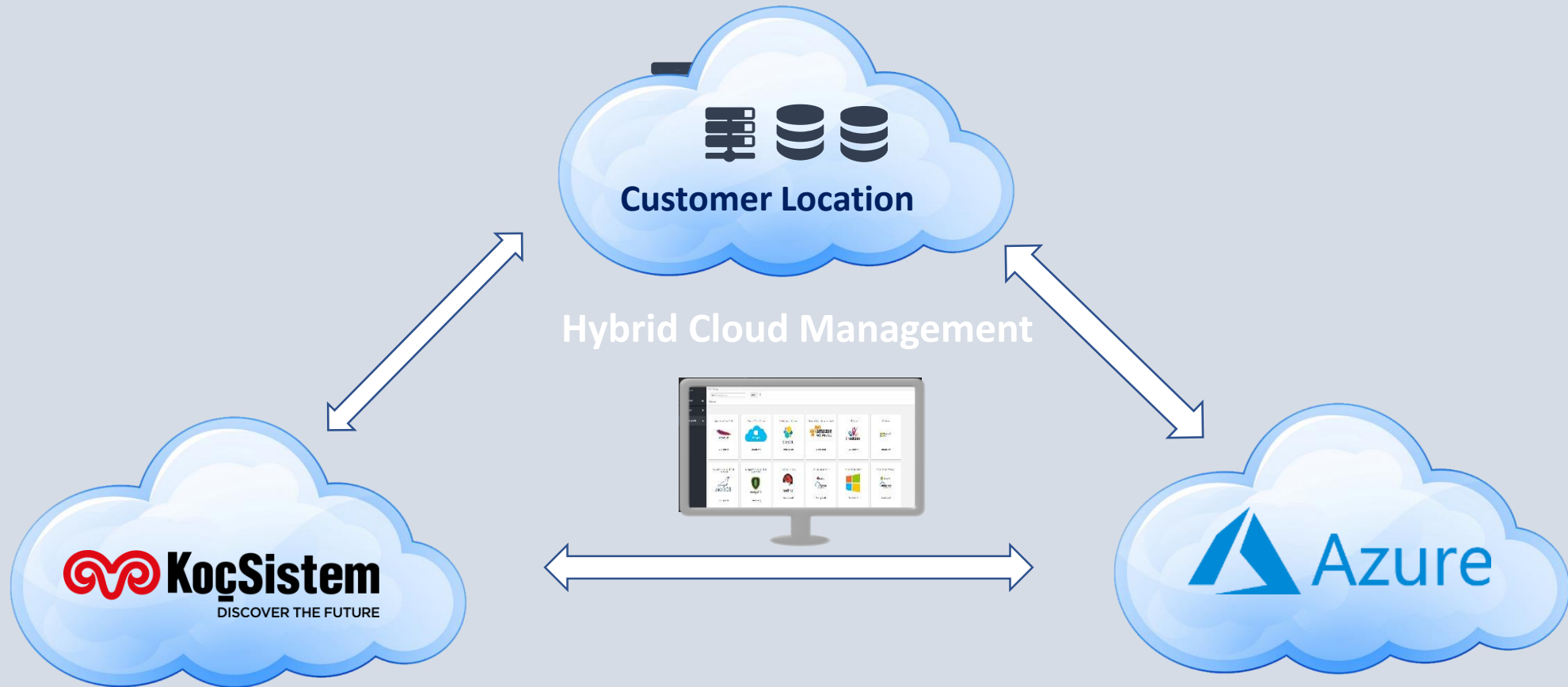
1 IaaS: Lift & Shift / Azure Site Recovery

2 SaaS: Office 365 Exchange Online

3 PaaS: Web Site & Database & App Service



Hybrid Cloud Management



KoçSistem Standards: Best Practices



Security

- Less admin permissions with RBAC
- HTTP Limitations of Storage Accounts.
- Encryption of VM disks
- Limitations of RDP ve SSH Access to VM's.
- Just in time RDP and SSH
- Forcing Https for App Services.
- Web Application Firewall for App Services
- Activation of Auditing, Threat Detection and Transparent Data Encrypton for SQL Database.
- Limitation Access to Paas services with NSG and VNET endpoint policies.
- Forcing MFA

Continuity & Accessibility

- Lock features enablement for Resources / Resource Groups
- Soft Delete feature enablement for Storage Accounts.
- Avability Zone / Avability Sets
- Izolation of Test Resources.

Manageability

- Enablement Diagnostic Logs.
- Confirugation of Alerts ve Notifications.
- Stream Diagnostic Logs - Log Analytics.
- Tagging (Departments / Projects / Owner System)
- Standardization of named
- Advisor Services
- Security Center enablement of all subscriptions



Thank you

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