Roadmap to Success with Microsoft Azure

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MVP
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Microsoft

Agenda

- Where to Start
- Tools?
- Details

1

Discover

- VMs
- Physical Servers
- VNETs
- Load Balancers
- Firewalls

- Roles
- Dependencies

- TCO
- ROI

2

Migrate

- Prepare pre-reqs.
  - Networking
  - Resource Groups
  - RBAC

- Replicate
- Deliver

- VMs
- VM Scale Sets
- Managed Instances

3

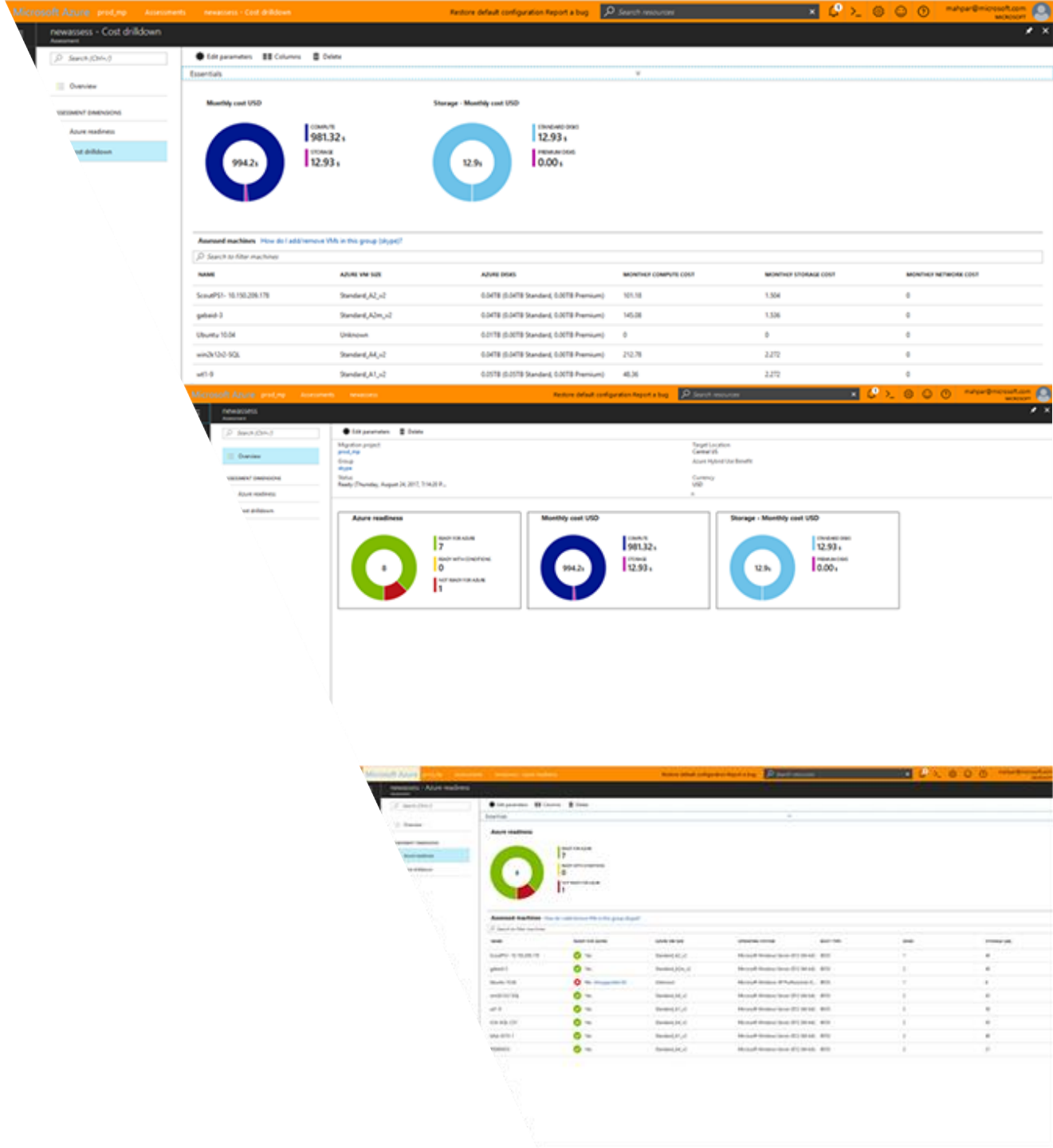
Optimize

- From VMs to Services
  - Containers
  - Microservices
  - App Services
  - DBs

Azure Migrate

Guidance, insights and mechanisms for cloud migration

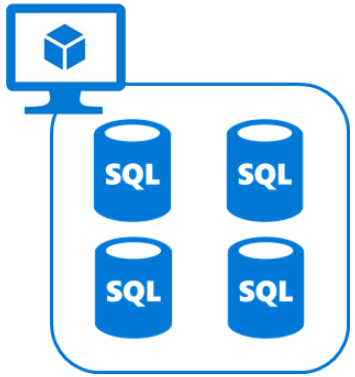
- Discover
- Dependency mapping
- Right-sizing for Azure virtual machines
- Compatibility reporting with guidelines for potential issues
- Migrates workloads



Data Migration

SQL Server OnPrem

- ✓ No Migration or changes
- ✓ Hybrid Scenarios
- × Setup VPN or Express Route for mission control workloads
- × Network Latency



SQL Server on Azure VM's (IaaS)

- ✓ Fast migration with minimal changes
- ✓ Eliminates hardware costs
- ✓ Hybrid deployment available
- × Manual Patching, Scaling and HA

Azure Database Migration Service

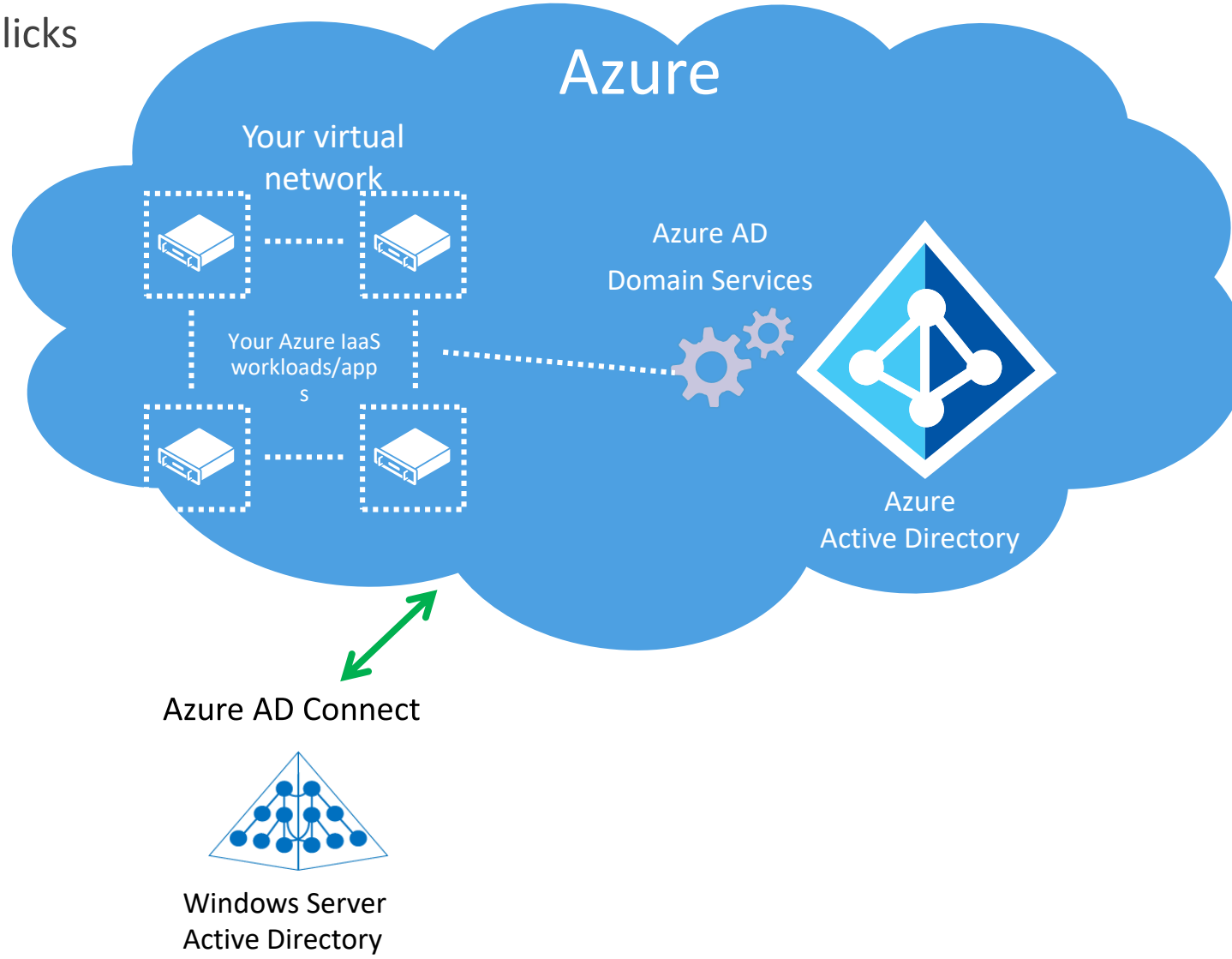
Azure SQL DB Managed Instance (PaaS)

- ✓ Built-in HA, Scaling, Upgrades
- ✓ VNET support for private IP address
- ✓ Eliminates hardware & administrative costs

Azure Database Migration Service

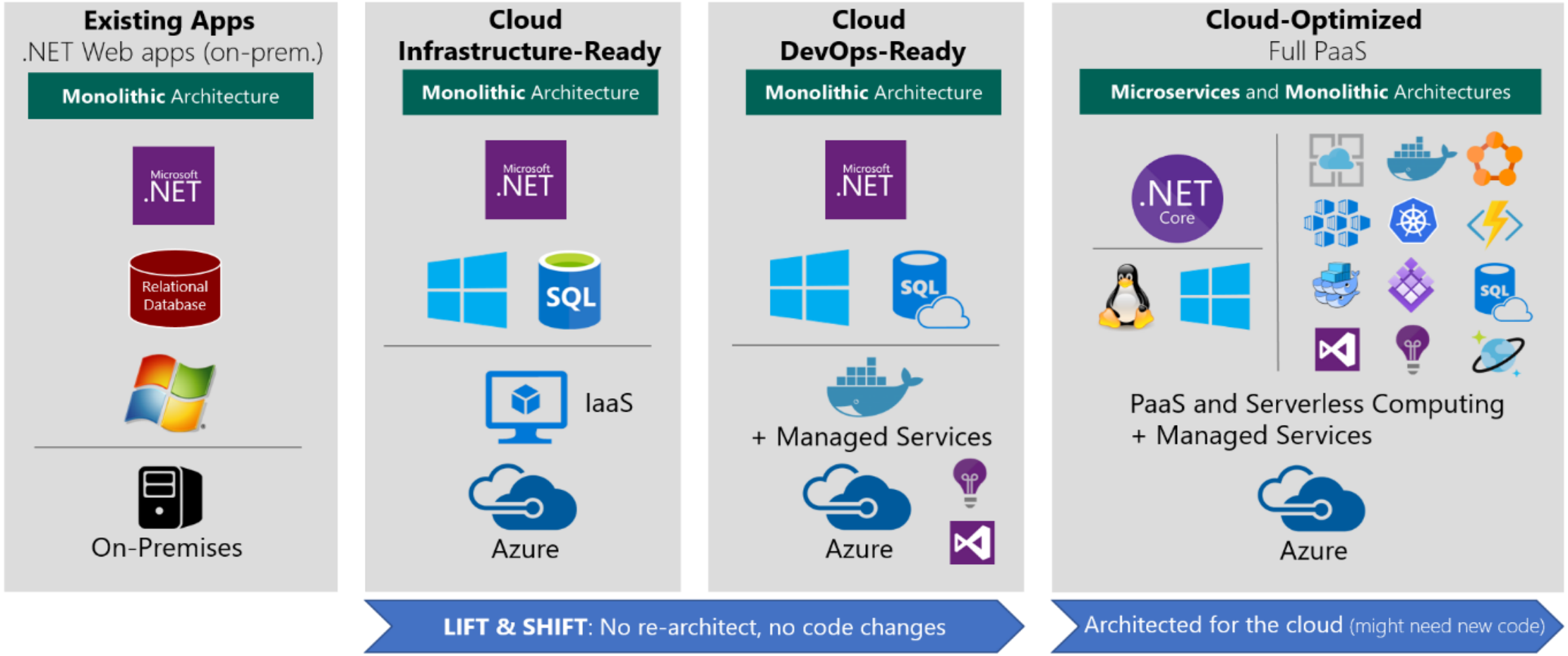
Managing Identity

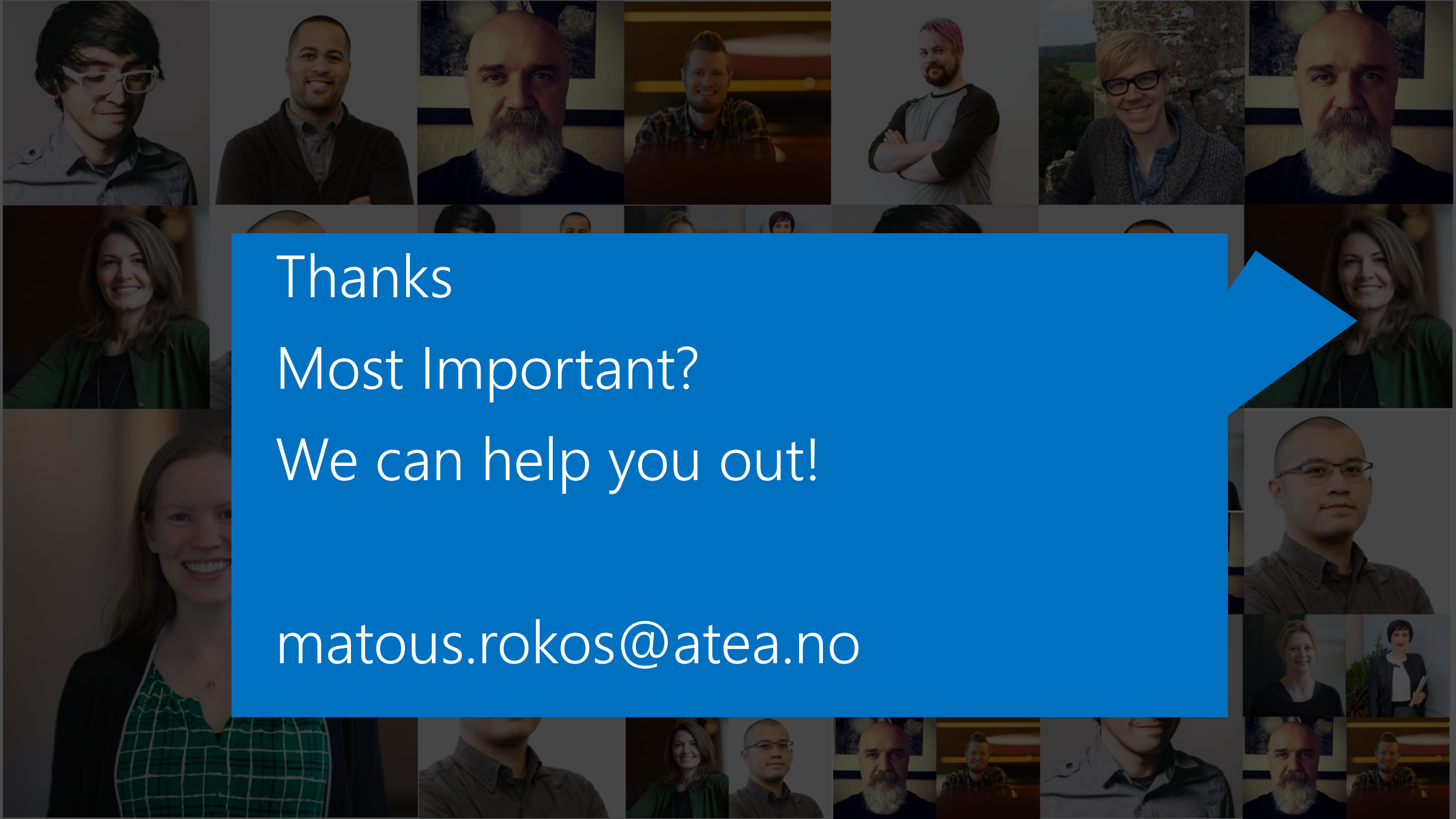
- Enable Azure AD Domain services in a few clicks
- Users, passwords and groups sync'd from Azure AD tenant
- Reflection of Azure AD



Optimize

Existing .NET Application Modernization: Maturity Models





Thanks

Most Important?

We can help you out!

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