WELCOME TO
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# Agenda

Customer Challenges

Cloud Adoption Framework

Well-Architected Framework

Azure Landing Zone – Prepare, Design and Bluid

Building Blocks

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# Customer Challenges

with Azure

Knowledge

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# Customer Challenges

with Azure

Knowledge

Cloud
Roadmap

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# Customer Challenges

with Azure

Knowledge

Cloud
Roadmap

Migration
Expertise

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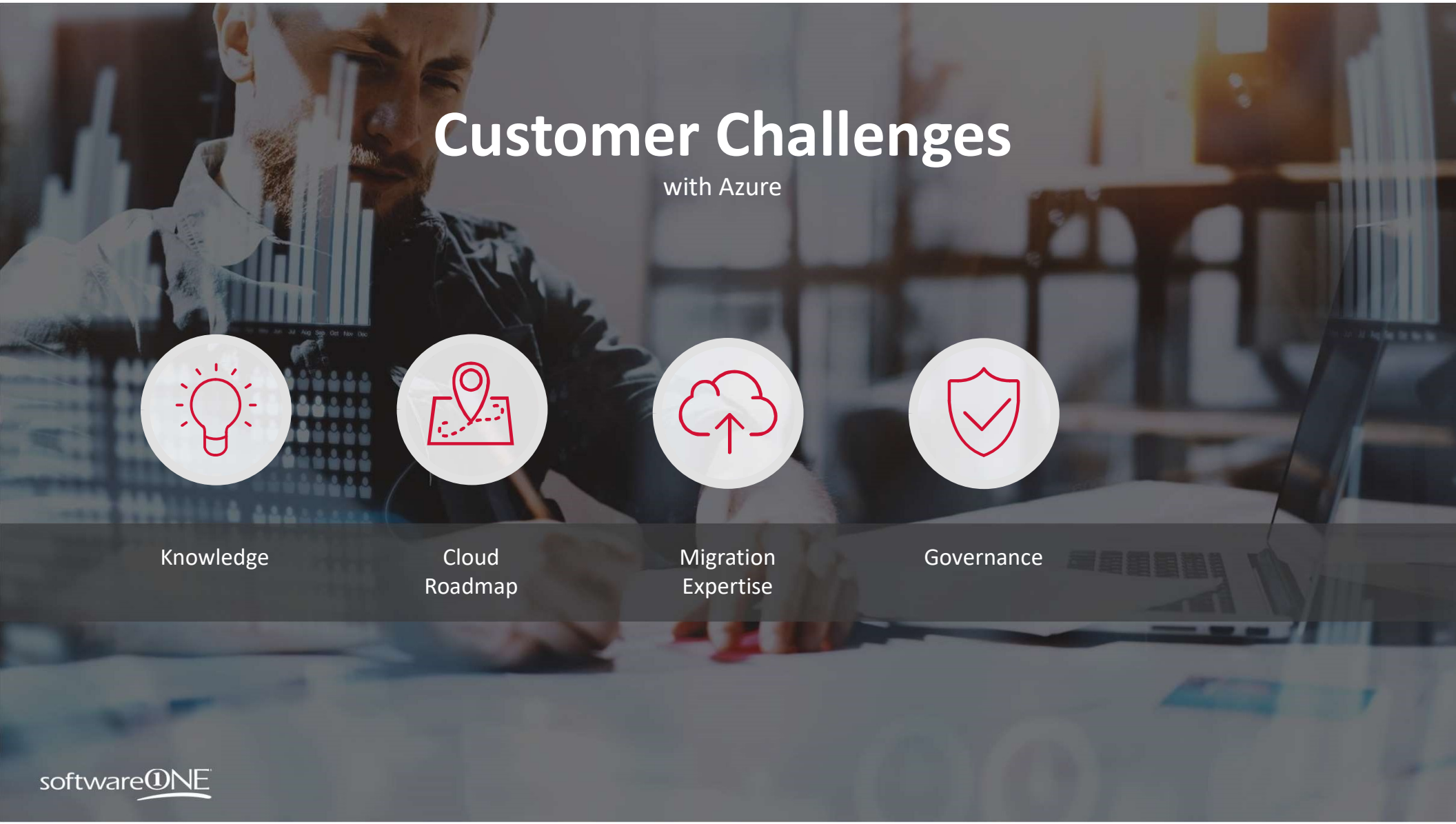
# Customer Challenges

with Azure



Knowledge

Cloud Roadmap

Migration Expertise

Governance

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# Customer Challenges

with Azure

Knowledge

Cloud Roadmap

Migration Expertise

Governance

Cost Optimization

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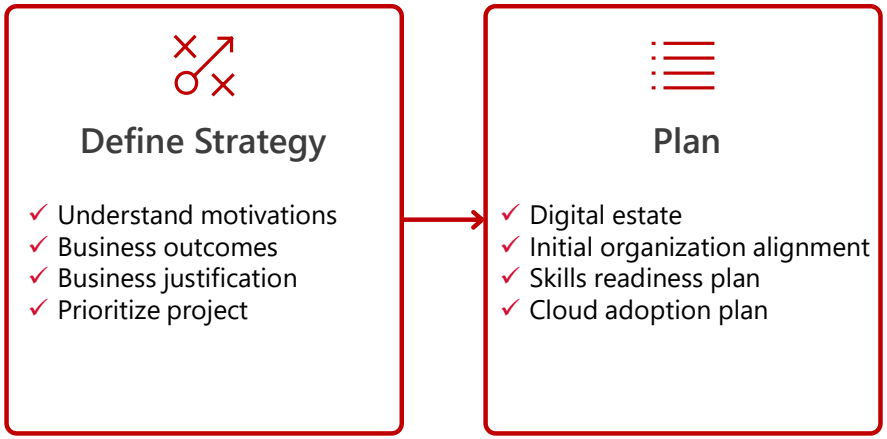
# Cloud Adoption Framework for Azure

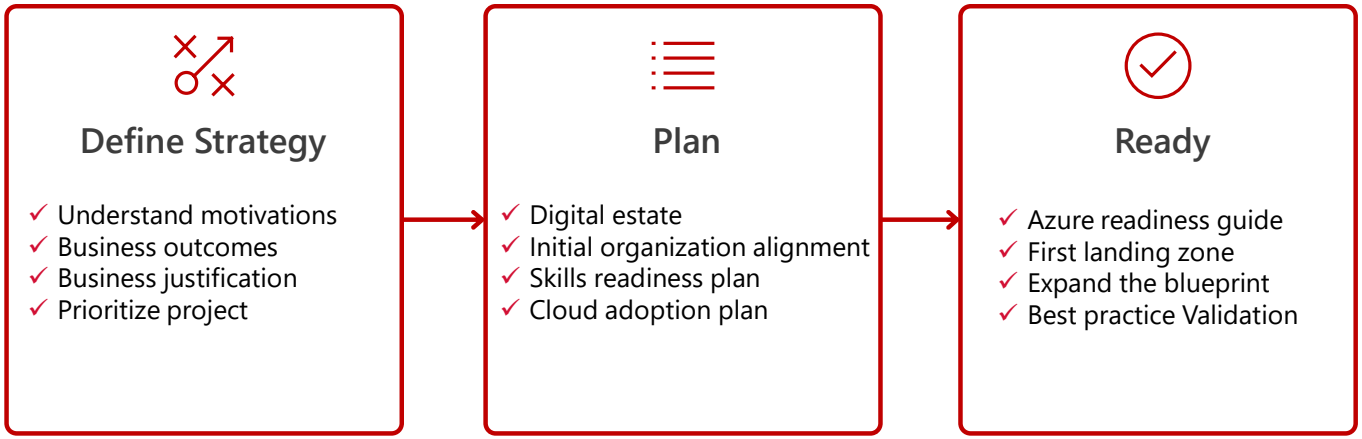
## Define Strategy

- ✓ Understand motivations
- ✓ Business outcomes
- ✓ Business justification
- ✓ Prioritize project

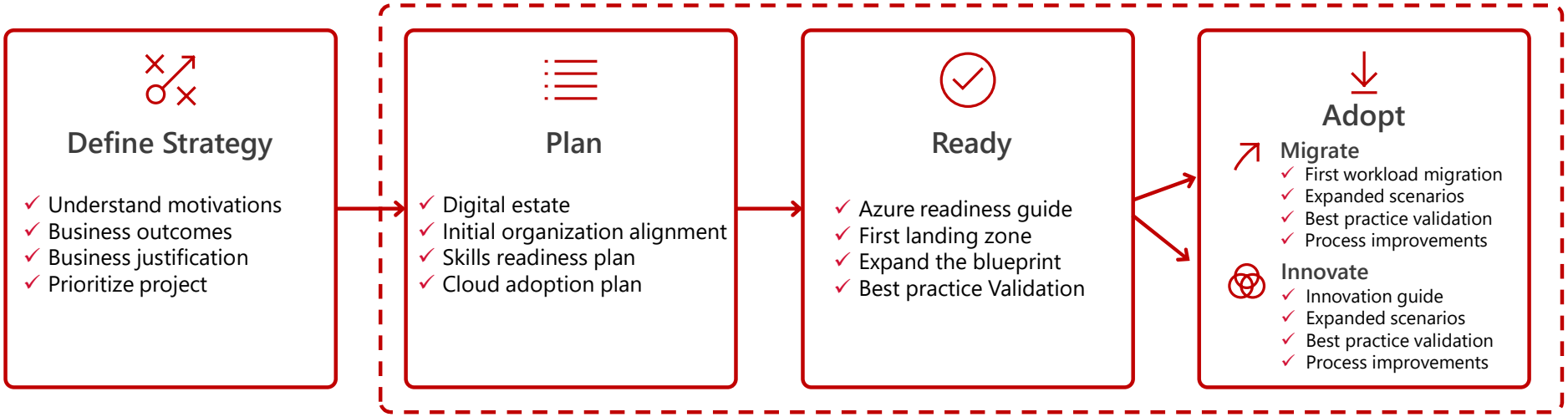
# Cloud Adoption Framework for Azure



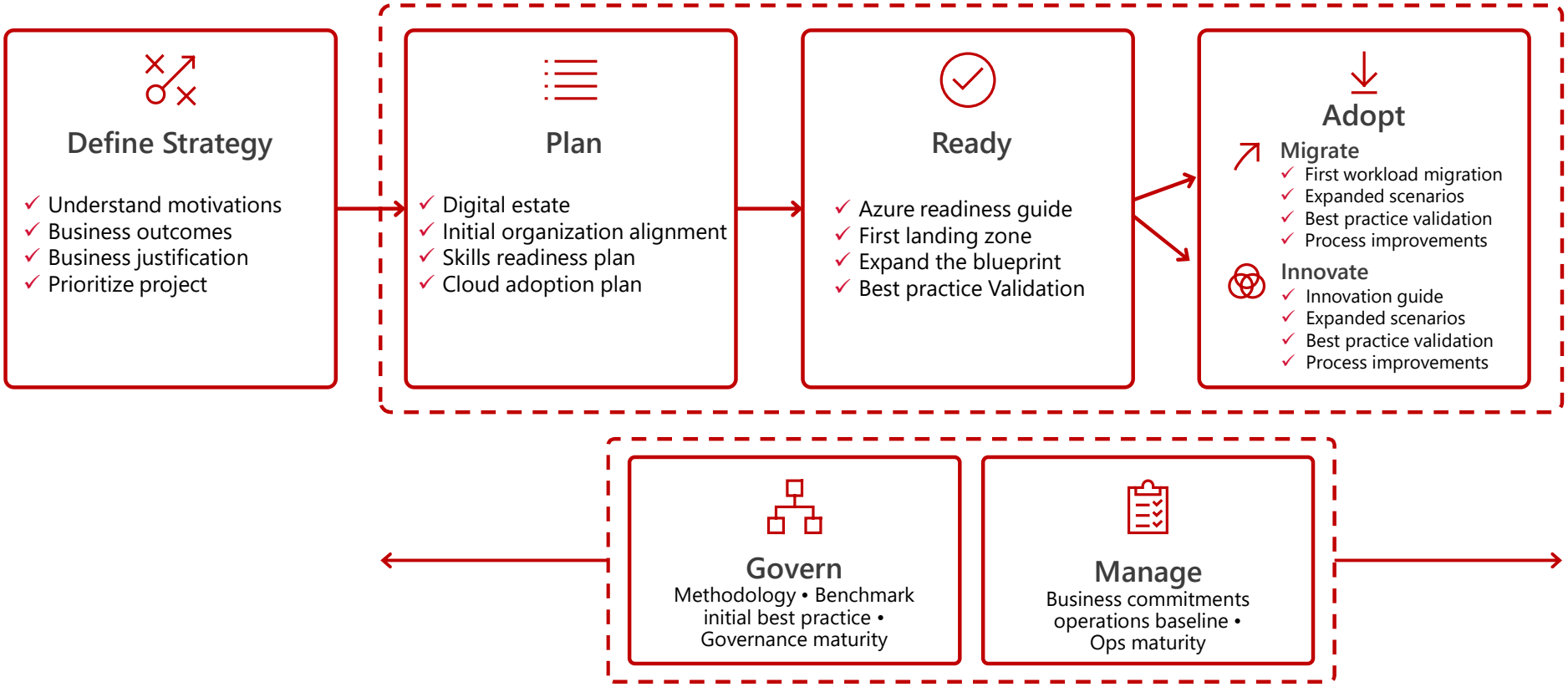
# Cloud Adoption Framework for Azure



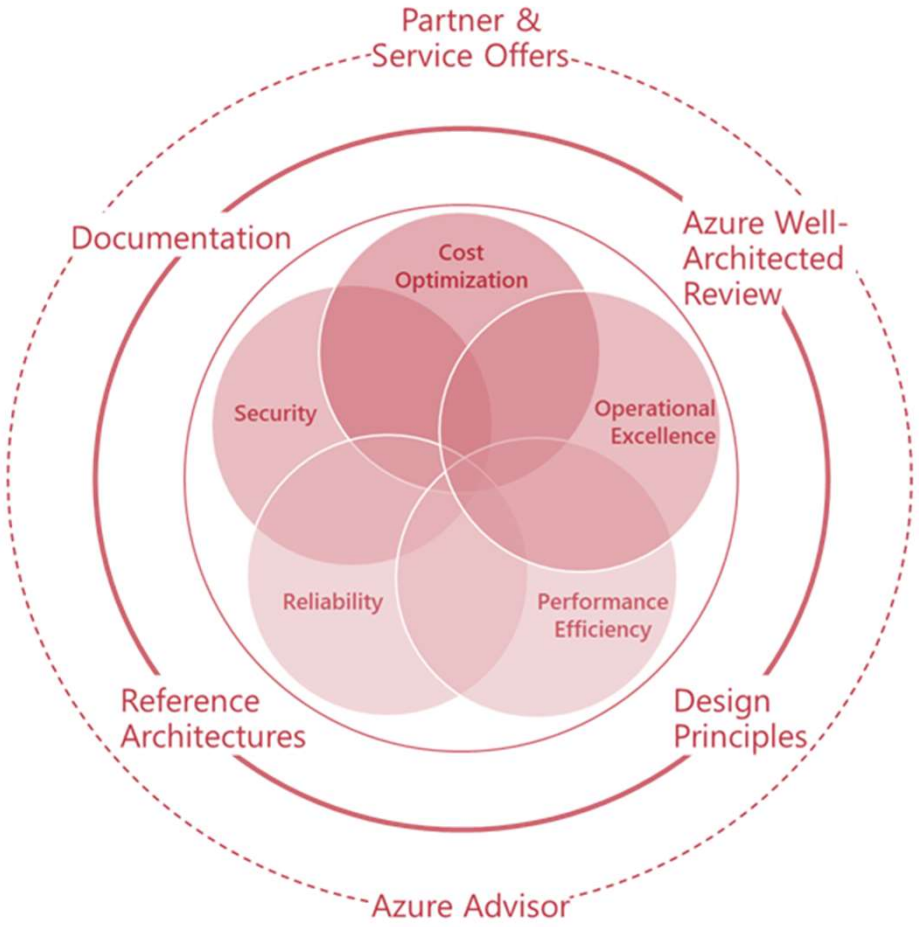
# Cloud Adoption Framework for Azure



# Cloud Adoption Framework for Azure



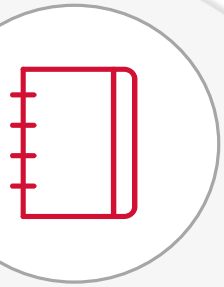
# Well-Architected Framework



# Azure Landing Zone – Prepare, Design and Build

A future-proof Azure foundation in 3 steps

Prepare → Fundamental knowledge



Design → Document decisions

Build → Azure Landing Zone

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# Workshop (2 days) – Fundamentals of Azure

Fundamental knowledge of platform capabilities

- ✓ Cloud 101
- ✓ Subscription models
- ✓ Cloud governance
  - ✓ Identity\RBAC
  - ✓ Emergency Access Account
  - ✓ Management groups, blueprints, policies etc.
  - ✓ Tagging, naming conventions etc.

- ✓ Network
  - ✓ VNet, subnet, DNS etc.
  - ✓ Connectivity options
  - ✓ Load Balancing
  - ✓ Hub and spoke / NVA
- ✓ Storage
  - ✓ Storage accounts
  - ✓ Managed Disks
  - ✓ Azure Files (Sync)
  - ✓ Backup
- ✓ Compute
  - ✓ Virtual Machine sizes
  - ✓ SLA\Disaster Recovery (ASR)
  - ✓ Azure Migrate

→ Acquire relevant knowledge about Azure

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# Workshop (1 day) – Cost Management and pricing

Fundamental knowledge of platform capabilities

- ✓ Governance related to Cost Management
- ✓ How to calculate costs incl. relevant pricing tools
- ✓ Considerations and best practices
  - ✓ Right-sizing, snoozing, datacenter location, budgets etc.

Prepare →

Managing and saving costs

- ✓ Azure Reservations
  - ✓ VMs, storage, etc.
- ✓ Azure Hybrid Benefit
  - ✓ Current on-prem licenses
  - ✓ Software subscriptions

→ Acquire knowledge about optimizing costs in Azure

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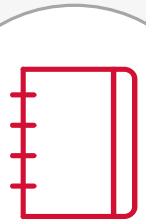
# Azure Landing Zone – Prepare, Design and Build

A future-proof Azure foundation in 3 steps



Prepare →

Fundamental knowledge



Design → Document decisions

Build →

Azure Landing Zone

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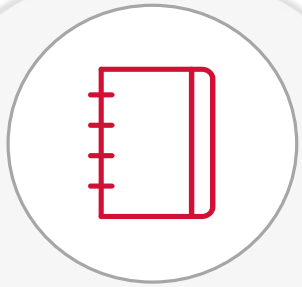
# High Level Design

Design decisions and architecture for the landing zone

- ✓ Based upon
  - ✓ Input customer (current situation, requirements and future plans)
  - ✓ Microsoft Cloud Adoption Framework (CAF)
  - ✓ Other best practices
  - ✓ Real-life experience SoftwareONE



Design → Document decisions

- ✓ Design decisions deal with components like
  - ✓ Identity\RBAC
  - ✓ Governance
  - ✓ Network
  - ✓ Storage
  - ✓ Compute

→ Based on customer input, best practices and experience

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# Azure Landing Zone – Prepare, Design and Build

A future-proof Azure foundation in 3 steps

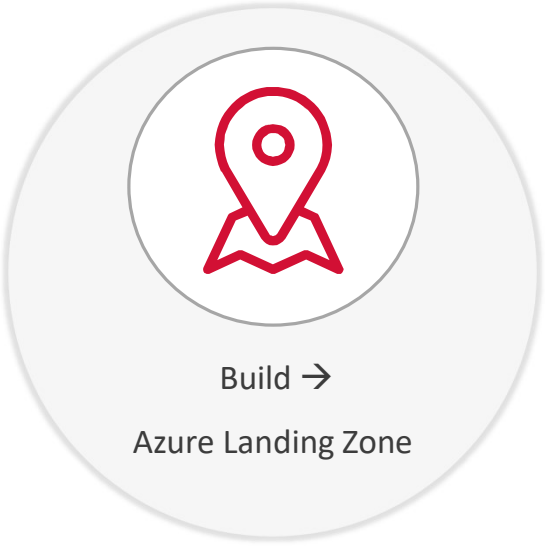


Prepare →

Fundamental knowledge



Design → Document decisions



Build →

Azure Landing Zone

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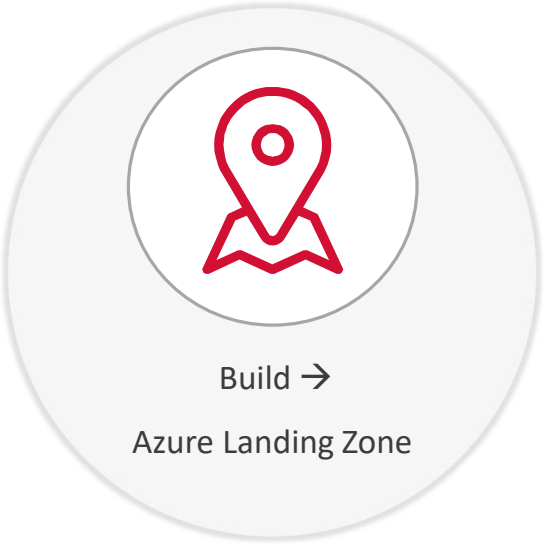
# Azure Landing Zone

Building an Azure landing zone for future workloads

- ✓ Implementation of landing zone based on High Level Design
- ✓ Handover session



Build →

Azure Landing Zone

- ✓ Can be used for any future Azure projects
- ✓ Ready to accommodate all kinds of workloads

→ A ready-to-use Azure environment

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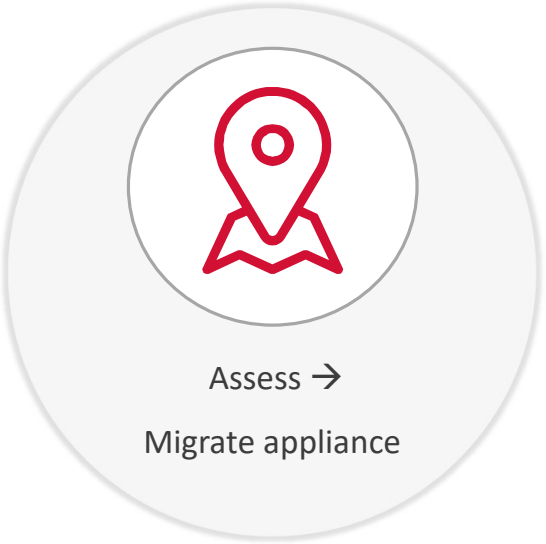
# Extra: Azure Migrate Appliance

## Assess your current environment

- ✓ Server Assessment:
  - ✓ VMware VMs (vCenter)
  - ✓ Hyper-V VMs
  - ✓ Physical machines
- ✓ Agentless, server metadata is collected by a lightweight Azure Migrate appliance
- ✓ Azure readiness, sizing recommendations and cost estimation in Azure portal



Assess →

Migrate appliance

- ✓ Dependency visualization and inventory of apps, roles and features in Azure portal
- ✓ Extensive analysis by using Power BI*
- ✓ Professional report*

→ Discover and assess physical or virtual servers on-premises or in any cloud

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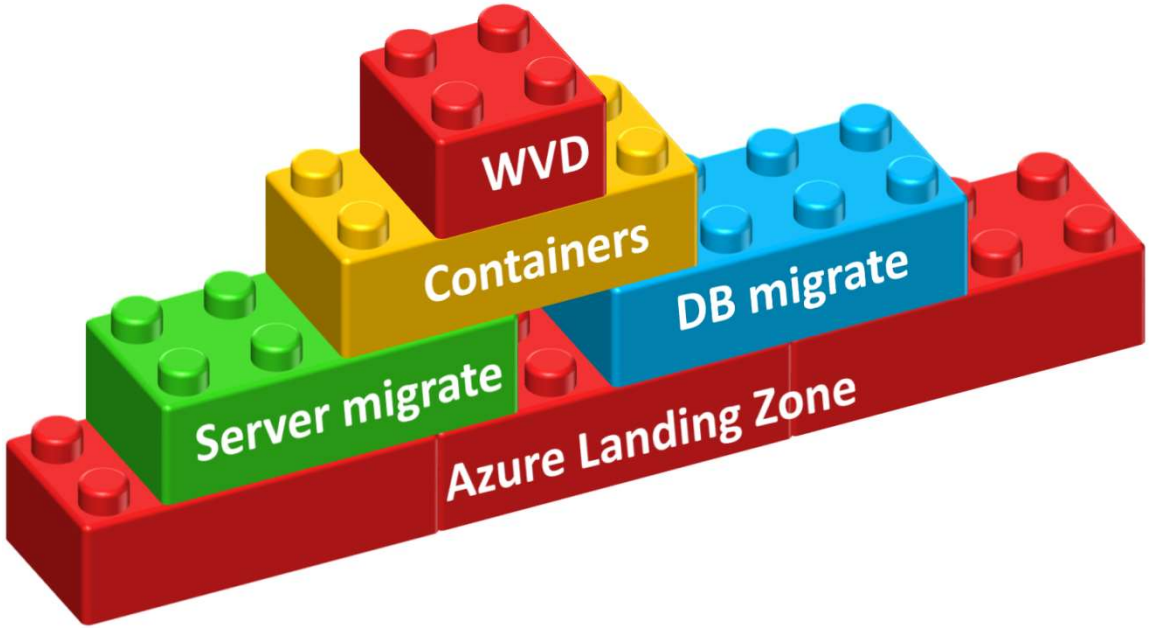
* Optional

# Azure Landing Zone

Ready for Azure building blocks!

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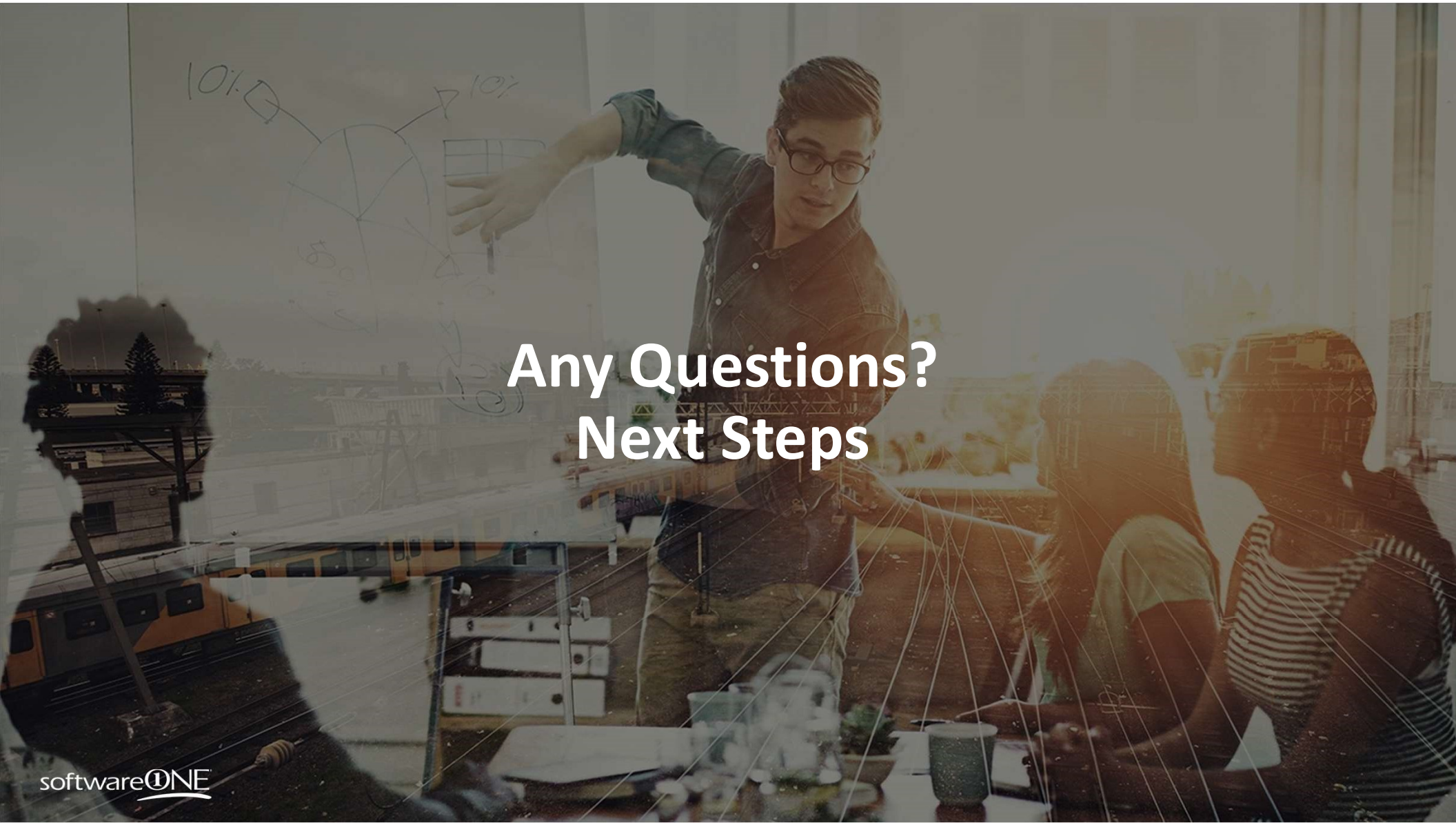
Any Questions?
Next Steps
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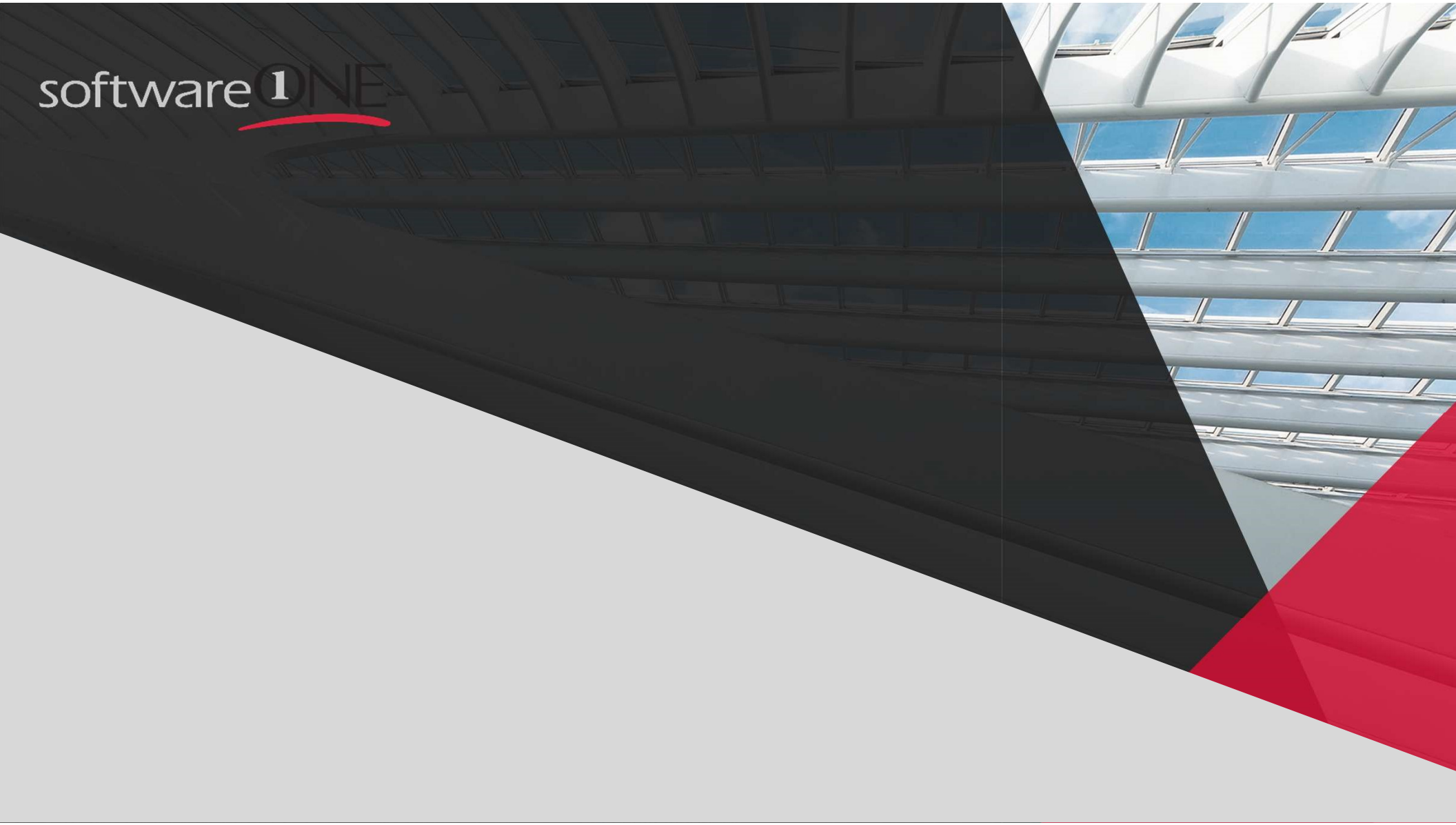
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