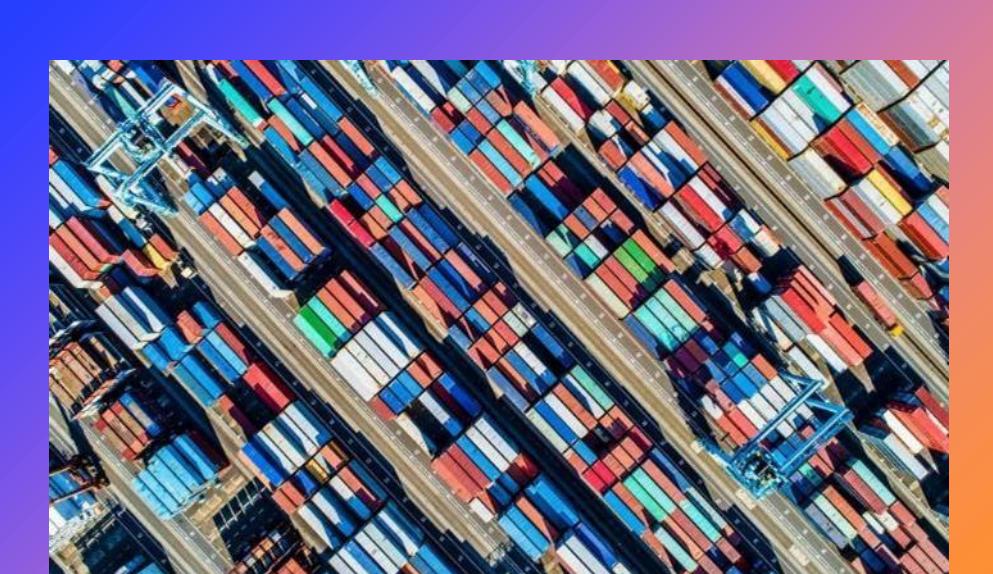


WEEK 4

GOVERNANCE AND COMPLIANCE

Taha Yiğit ALKAN



Agenda

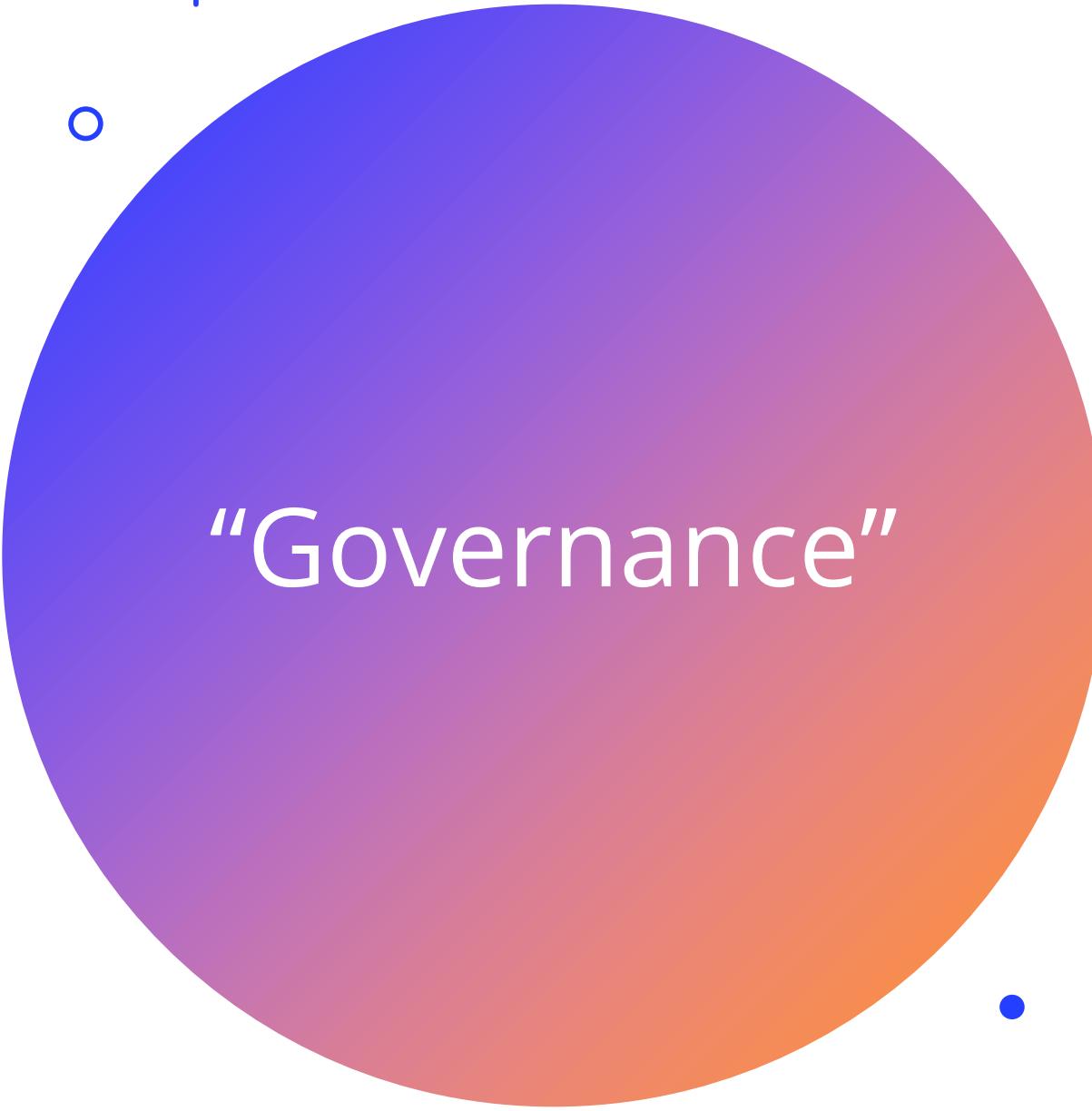
- Governance and Compliance
- Azure Blueprints
- Azure Policy
- Resource Locks
- Microsoft Purview





A large stack of shipping containers in a port terminal, with a forklift truck visible in the foreground.

GOVERNANCE AND COMPLIANCE



“Governance”

Set of practices and tools that help organizations establish and enforce policies, manage resources, and maintain compliance within their Azure environment.

Scenario 1

Your organization wants to ensure that all virtual machines created in Azure follow a naming convention to maintain consistency.

Scenario 2

Your organization wants to always have daily backup enabled on every server

Solution



Option 1

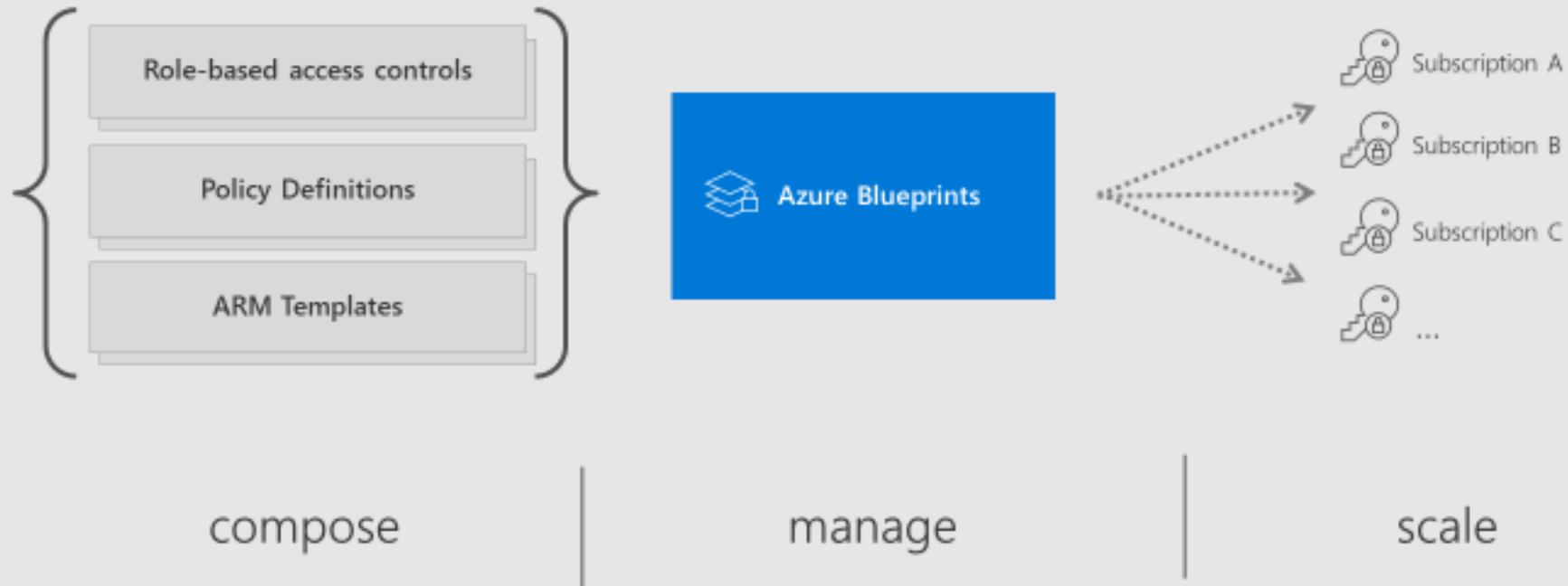
- Create a document that describes your rules
- Send and email with the rules
- Assume that everyone reads it and applies it

Option 2

- Use Azure tools to enforce the rules

Azure Blueprints

Enabling quick, repeatable creation of fully governed environments

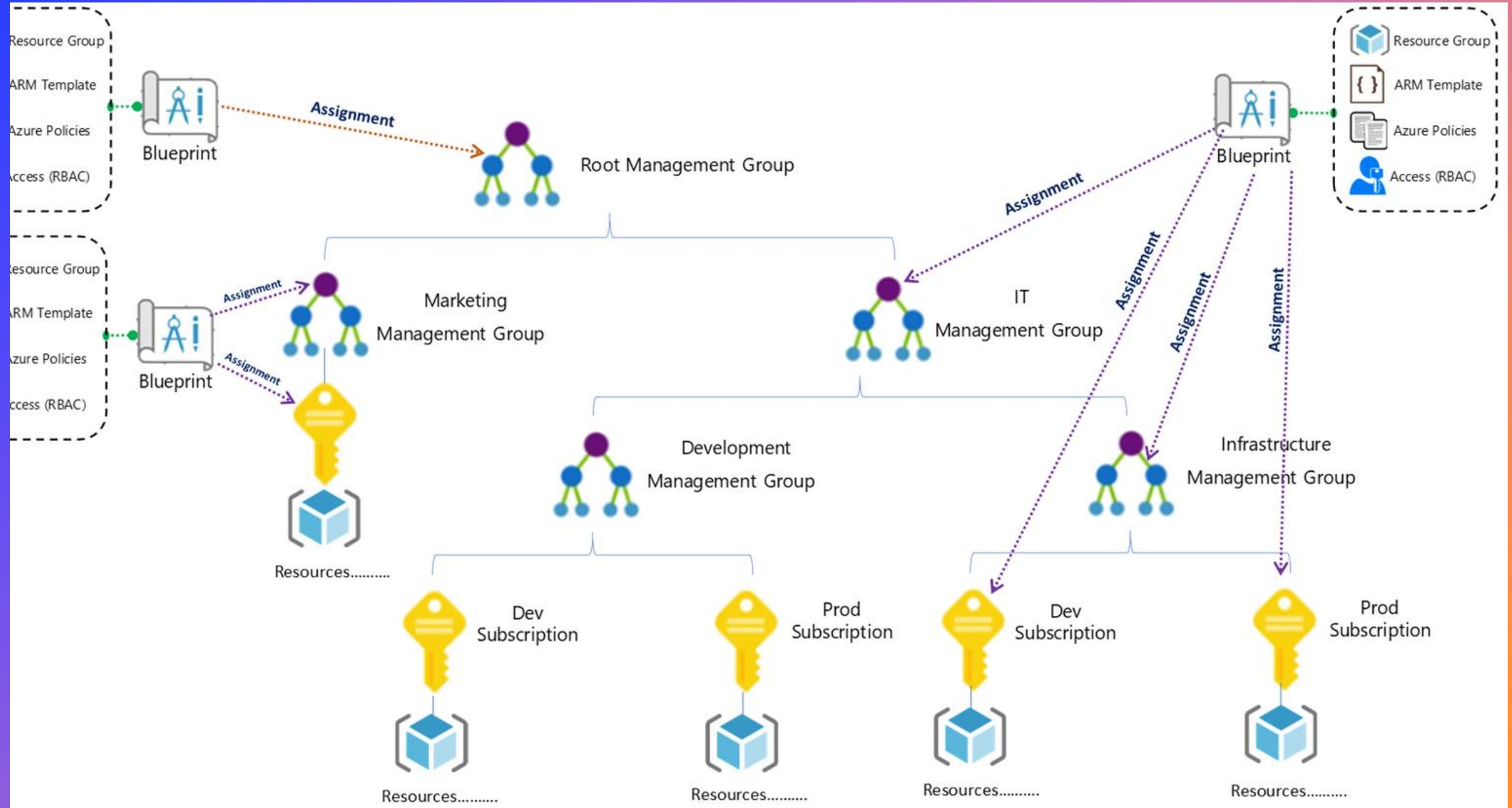


<https://learn.microsoft.com/en-us/azure/governance/blueprints/overview>



Azure Blueprints

The only way of assigning a “deny” permission.



AZURE POLICY

Create rules
across all of your
Azure resources



Example of Built-In Policies

- Require SQL Server 12.0
- Allowed Storage Account SKUs
- Allowed Locations
- Allowed Virtual Machine SKUs
- Apply tag and its default value
- Not allowed resource types

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Custom Policies

Can create custom policies using Json Definitions

Resource Locks

1. Read only lock
2. Can not delete lock

Microsoft Purview

- Cloud-based data governance service
- Helps organizations discover, understand and manage their data assets across on-premises, multi-cloud, and SaaS environments

Data Governance and Data Management Capabilities

- Data Discovery
- Data Classification
- Data Lineage
- Data Catalog
- Data Governance
- Data Collaboration
- Data Integration
- Data Security
- Data Compliance

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THANK YOU

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