



# **WEEK 4**

# **GOVERNANCE AND**

# **COMPLIANCE**

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# Agenda

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





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# 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

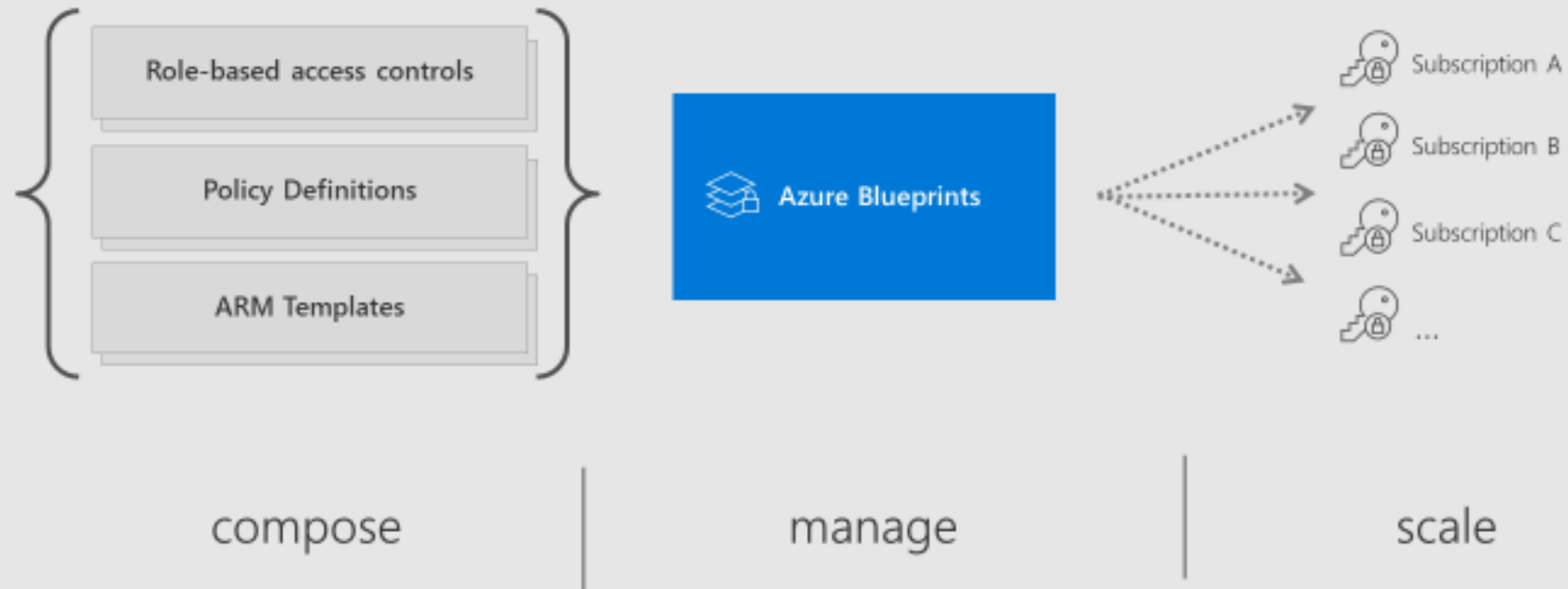
- Create a document that describes your rules
- Send an email with the rules
- Assume that everyone reads it and applies it

## Option 2

- Use Azure tools to enforce the rules

# Azure Blueprints

Enabling quick, repeatable creation of fully governed environments



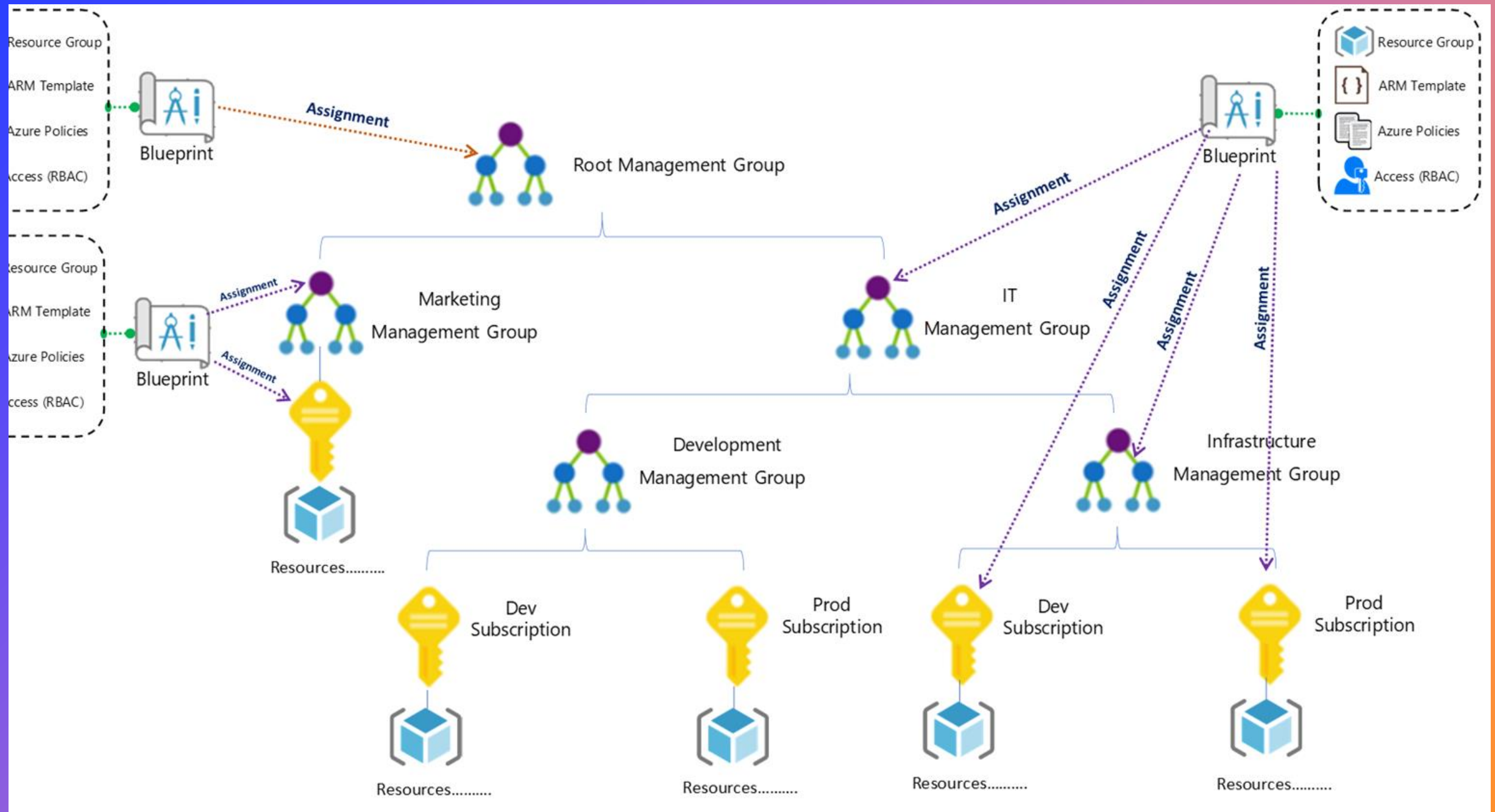
<https://learn.microsoft.com/en-us/azure/governance/blueprints/overview>





# 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



# THANK YOU

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