

Microsoft Azure Administrator: Manage Subscriptions and Governance

MANAGING SUBSCRIPTIONS



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Overview



Manage Azure identities and governance

- Manage subscriptions and governance
- Manage Azure Active Directory objects
- Manage Role Based Access Control (RBAC)
- Exam alert!



Overview



Manage subscriptions

Configure Cost Management

Apply tags



Exercise Files

Securing Microsoft Azure Networks

by Michael Teske

This course provides a fundamental understanding of Azure network security services, resources, and features to help you better secure your Azure environment. Along the way, you'll learn Microsoft's best practices and their role in your journey.

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Forced Tunneling

How you to "force" Internet-bound traffic back through your on-prem location

- Connected via S2S
- Allows you to inspect your Azure internet bound traffic

Unauthorized Internet access can lead to accidental information disclosure or potential breaches



Table of contents Description Transcript **Exercise files** Discussion Learning Check Recommended

These exercise files are intended to provide you with the assets you need to create a video-based hands-on experience. With the exercise files, you can follow along with the author and re-create the same solution on your computer. We find this to be even more effective than written lab exercises.

[Download exercise files](#)

Course author

 **Michael Teske**

Michael Teske is an Author Evangelist with Pluralsight helping people build their skills toolkit. Michael has 20+ years of experience in the IT Ops industry including 17 of those years as an IT...

Course info

Level **Beginner**

Rating ★★★★★

My rating ★★★★★

Duration **1h 30m**

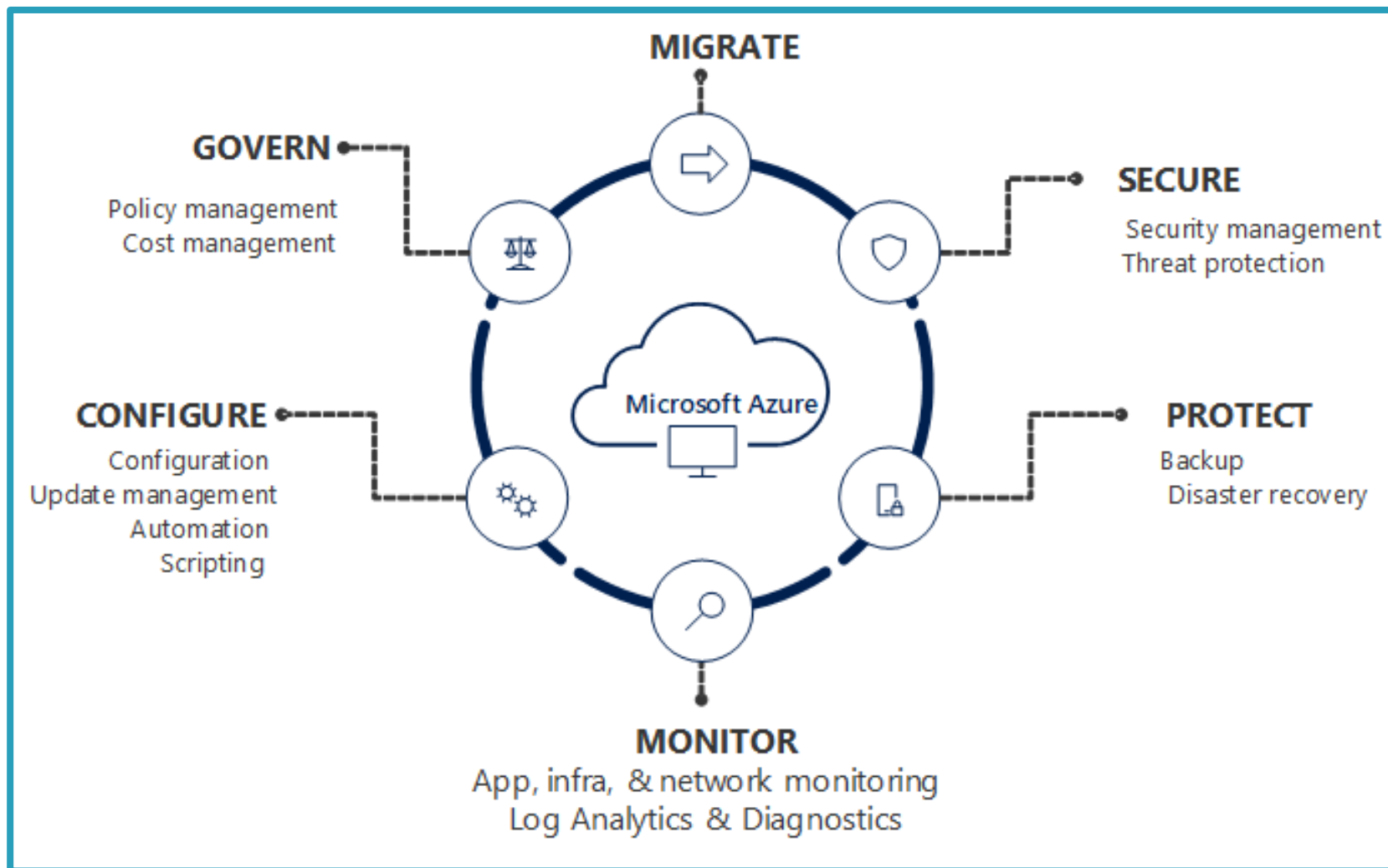
Released **28 May 2019**

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Manage Subscriptions and Governance



Manage Subscriptions



Free Trial



Support Plan



MSDN



Visual Studio



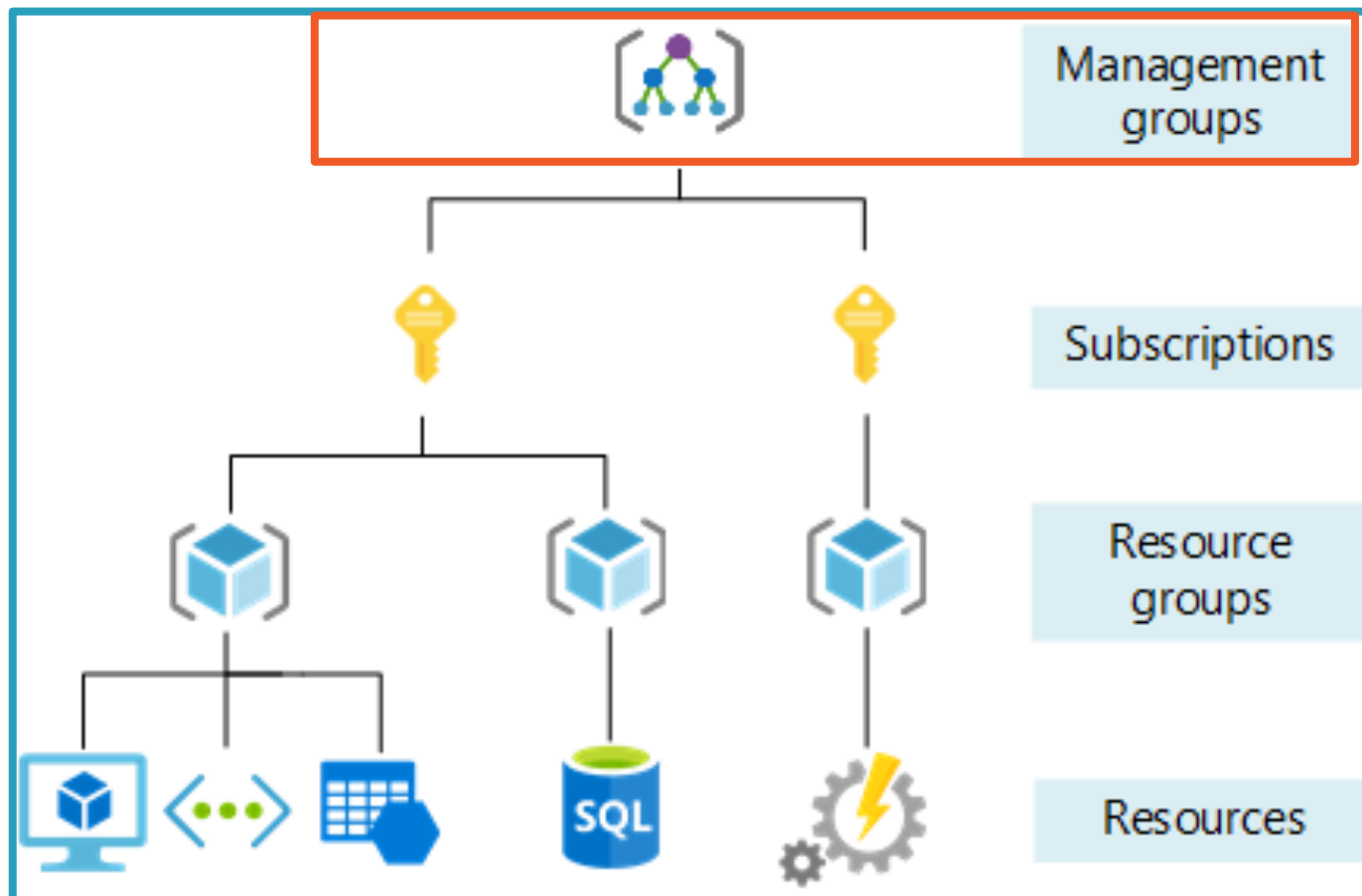
Pay-as-you-go



**Enterprise
Agreement**



Manage Subscriptions



Manage Subscriptions



You can move resources between subscriptions



You can transfer subscriptions between different tenants



A single tenant can have multiple subscriptions



Demo



Explore subscription blade in the portal



Configure Cost Management



Analyze costs and trends using ***Cost Analysis***



Cost Alerts can be generated to alert when a threshold you define is met



Apply ***Budgets*** to apply cost thresholds and limits to control your Azure spend



Recommendations displays ways to control costs through identifying trends in your usage



Demo

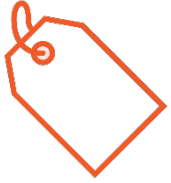


Configure Cost Management

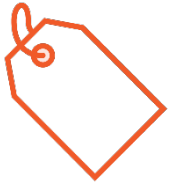
- Analysis
- Budgets
- Recommendations



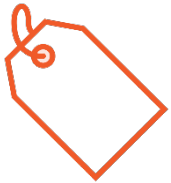
Apply Tags



Used to organize resources and management hierarchy



Each tag consists of name and value pair



Must have write access to Microsoft.Resources/tags



Tagging Decision Guide

IT Aligned
Tagging

Primary design considerations:

Baseline operations requirements
supplemented by additive business
requirements

Business
Aligned
Tagging

Baseline Naming Conventions

- Resource naming is required for any deployment.
- A standardized Naming Schema is the minimum "Tag"

Functional

- Add tags that describe the function of the VM for easy identification
- Example: Workload, Function in the workload (app, data, etc..), Environment (Dev, Staging, Prod, etc...)

Classification

- Tags that classify the value of an asset can aid in decision making
- Example: Data Classification (Public, Private, Confidential, etc...), Criticality, SLA

Accounting

- Track costs associated with asset operations
- Example: Department, Project, Region, etc...

Partnership

- Align partners that count on this asset, outside of IT
- Example: Owner, Owner Alias, Stakeholder, Power User, Executive

Purpose

- Aligning an asset to a business function can be valuable in making investment decisions
- Example: Business Process, Business Criticality, Revenue Impact



Demo



Appy resource tags

- Portal
- PowerShell



Summary



A tenant can have multiple subscriptions

Resources can be moved between subscriptions

The Cost Management blade contains:

- Cost Analysis
- Cost Alerts
- Budgets
- Recommendation

Resource tags can be applied to any resource

Next module: Managing Governance

