

A decorative network diagram consisting of interconnected nodes and lines, with some nodes highlighted in blue and others in grey, positioned in the top-left and bottom-right corners of the slide.

Access Security Enterprise Governance

A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines. The nodes are represented by circles of varying sizes, some with concentric rings, and the lines are thin and grey. The overall structure is organic and sprawling.

Hello!

I am Eng Teong Cheah

Microsoft MVP

A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines. The nodes are represented by small circles, some of which are larger and have concentric circles, suggesting a hierarchical or central structure. The lines are thin and gray, connecting the nodes in a non-linear fashion.

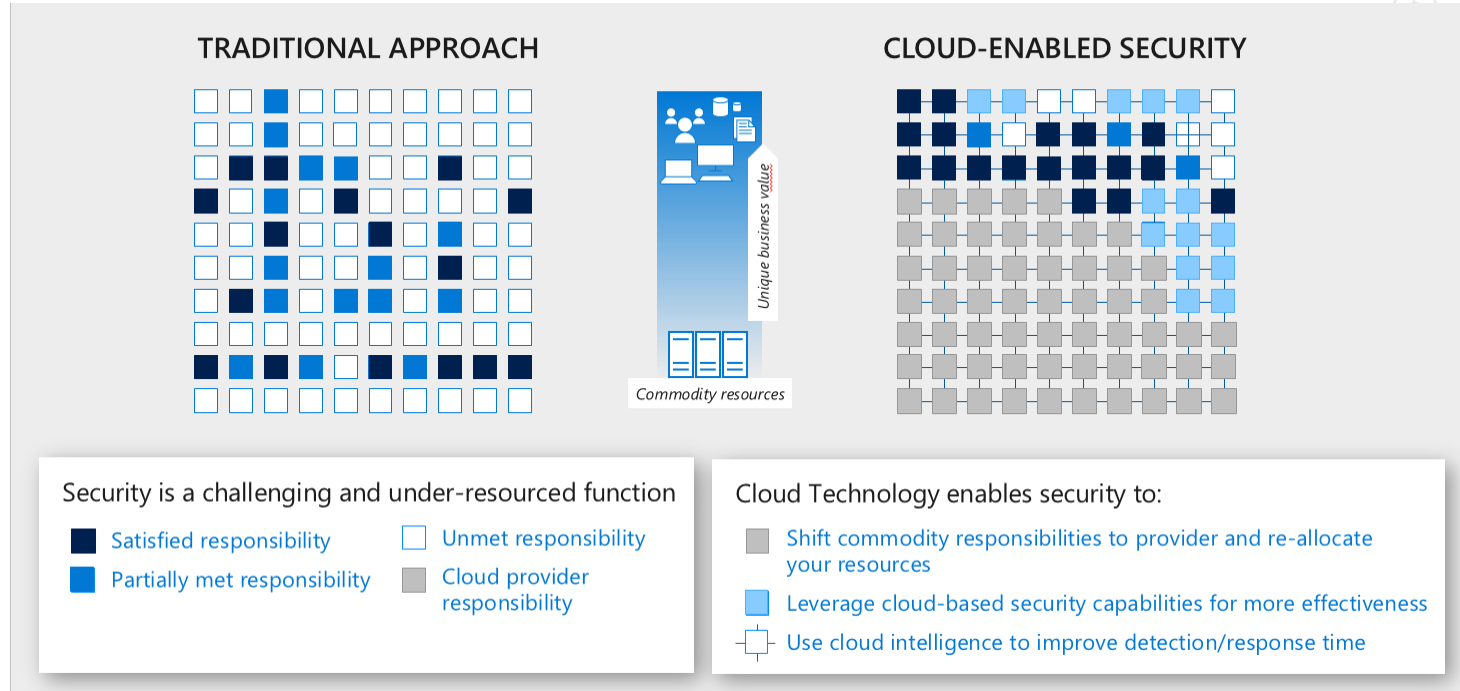
Enterprise Governance

A decorative network diagram in the bottom-right corner, similar to the one in the top-left. It shows a cluster of nodes connected by lines, with some nodes being larger and more prominent than others. The overall style is clean and modern, using a light gray color scheme.

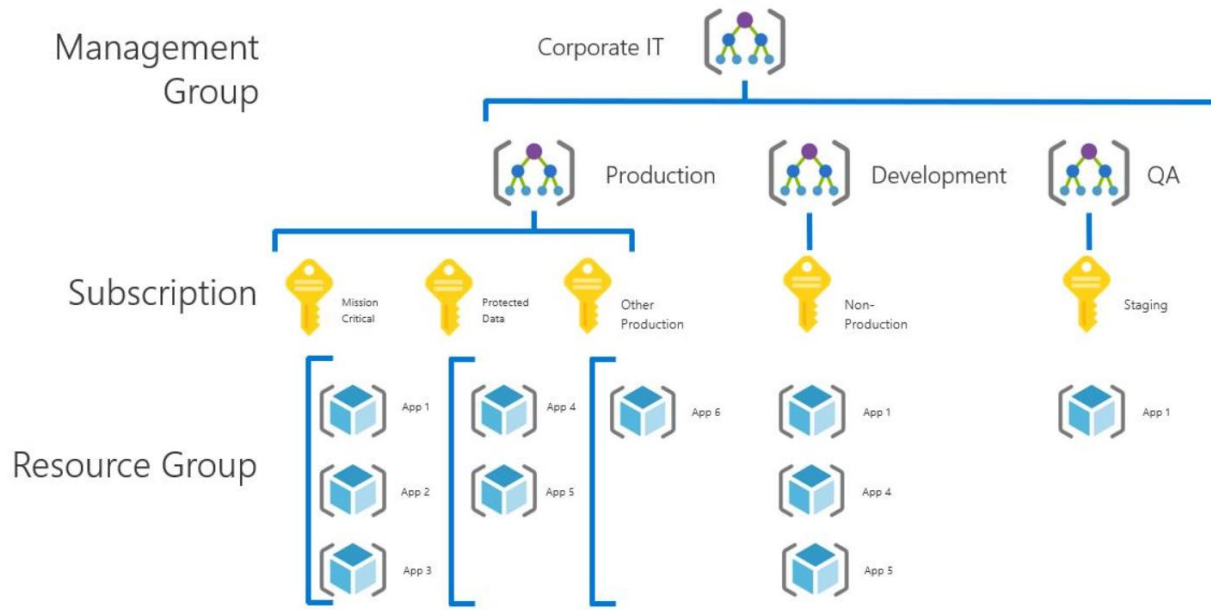
Shared Responsibility Model



Azure Cloud Security Advantages



Azure Hierarchy



Azure Policy

Azure Policy is a service in Azure that you use to create, assign and, manage policies

Azure Policy runs evaluations and scans for non-compliant resources

Advantages:

- Enforcement and compliance
- Apply policies at scale
- Remediation

Usage Cases

Allowed resource types - Specify the resource types that your organization can deploy.

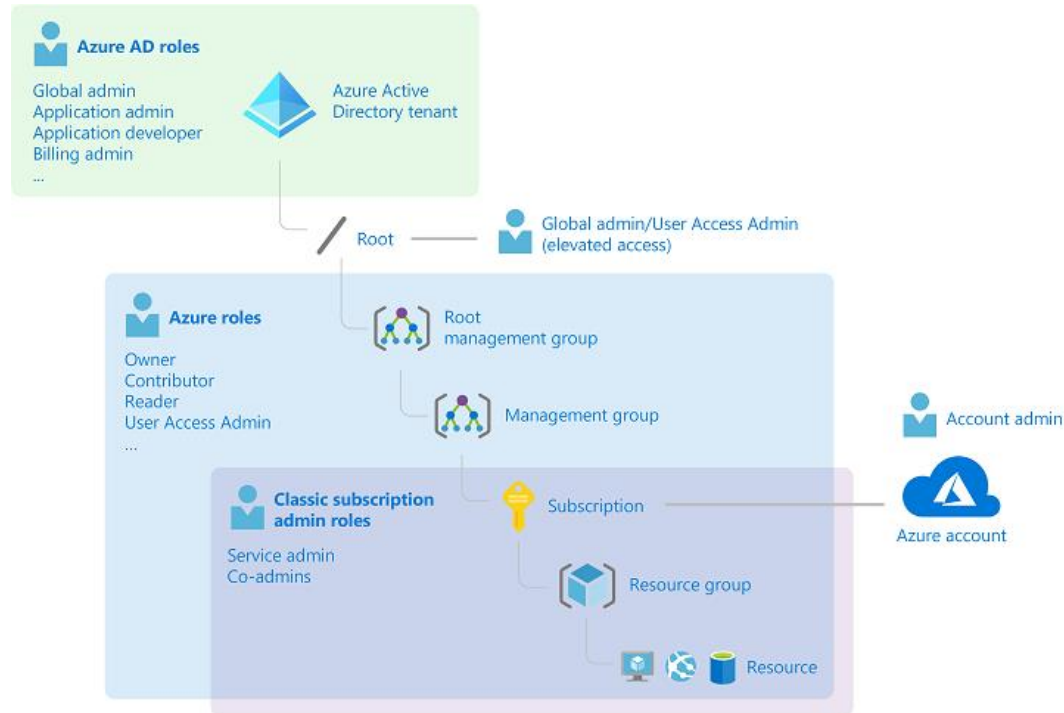
Allowed virtual machine SKUs – Specify a set of virtual machine SKUs that your organization can deploy.

Allowed locations – Restrict the locations your organization can specify when deploying resources.

Require tag and its value - Enforces a required tag and its value.

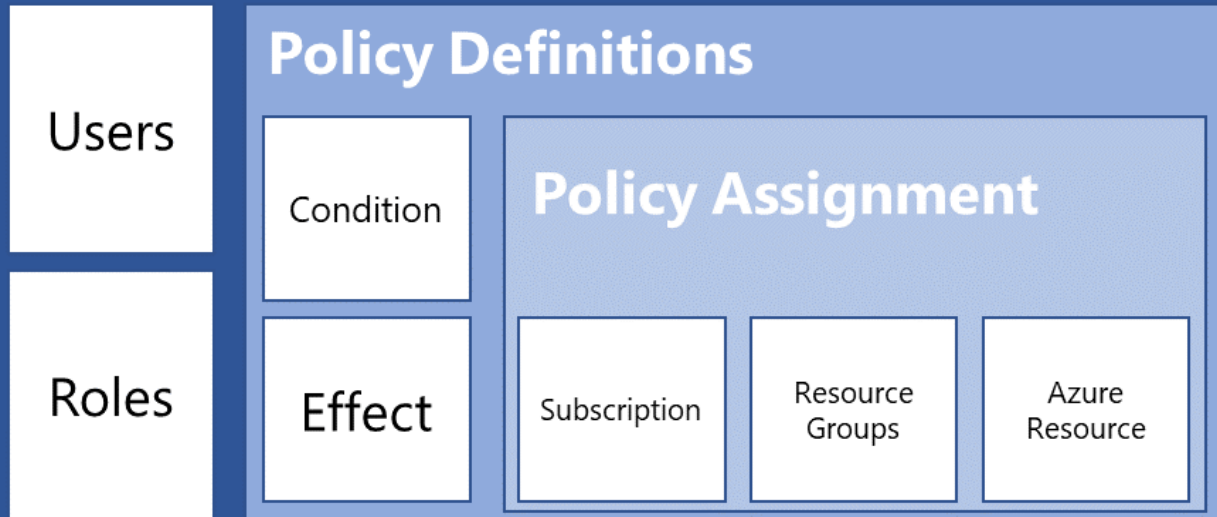
Azure Backup should be enabled for Virtual Machines – Audit if Azure Backup service is enabled for all Virtual machines.

Azure Role-Based Access Control



Azure RBAC vs Azure Policies


Role Based Access Control (RBAC)



Built-in Roles for Azure Resources

Built-in Role	Description
Owner	Allows you to manage everything including access to resources
Contributor	Allows you to manage everything except managing access to resources
Reader	Allows you to view everything but not make any changes
User Access Administrator	Allows you to manage user access to Azure resources

Resource Locks

 **NetworkRG - Locks**
Resource group

Overview

Activity log

Access control (IAM)

Tags

Events

Settings

Quickstart


Deployments


Policies

Properties

Locks

+ Add

 Subscription

 Refresh

Add lock

Lock name

✓

Lock type

Read-only

Delete

Notes

OK

Cancel

Azure Blueprints

Designed to help with environment setup

Create reusable environment definitions that can recreate your Azure resources and apply your policies instantly

A package or container for composing focus-specific sets of standards, patterns, and requirements

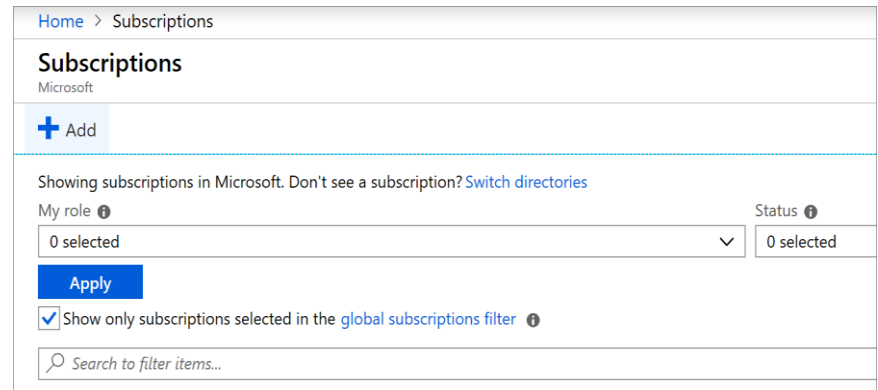


Azure Subscription Management

The Account Owner role can create Azure subscriptions.

Organizations assign Azure subscriptions to various business units.

If you're an Enterprise Agreement(EA) customer, your enterprise administrators can transfer billing ownership of your subscriptions between accounts.



The screenshot shows the 'Subscriptions' page in the Azure portal. At the top, there is a breadcrumb 'Home > Subscriptions'. Below this, the title 'Subscriptions' is followed by 'Microsoft'. A '+ Add' button is visible. The main content area shows 'Showing subscriptions in Microsoft. Don't see a subscription? [Switch directories](#)'. There are two dropdown menus: 'My role' with '0 selected' and 'Status' with '0 selected'. An 'Apply' button is below the 'My role' dropdown. A checkbox is checked, labeled 'Show only subscriptions selected in the [global subscriptions filter](#)'. At the bottom, there is a search bar with the placeholder text 'Search to filter items...'.

Demonstrations

Resource Manager Locks



Thanks!

Any questions?

You can find me at:
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References

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