

A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines. Some nodes are highlighted with blue circles, and others with solid blue dots.

# **Virtual Networking Security Host Security**

A decorative network diagram in the bottom-right corner, featuring a complex web of interconnected nodes and lines. Some nodes are highlighted with blue circles, and others with solid blue dots.

A decorative graphic in the top-left corner consisting of a network of interconnected nodes and lines, rendered in a light gray color. The nodes are represented by small circles, some of which are solid and others are hollow, connected by thin lines.

# 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.

# Host Security

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 minimalist and technical.

## Endpoint Protection

- ◎ Endpoint systems interact directly with users
- ◎ Endpoints systems are typically vulnerable to security attacks
- ◎ Azure Security Center provides the tools you need to harden your services, and solidify your security posture

## Privileged Access Workstations

- ◎ Separate dedicated administrative accounts and workstations
- ◎ Protects from internet attacks and threat vectors phishing attacks, application and OS vulnerabilities, and credential theft attack
- ◎ Appropriate for accounts with access to high value assets – Administrators and High Sensitivity Information Workers

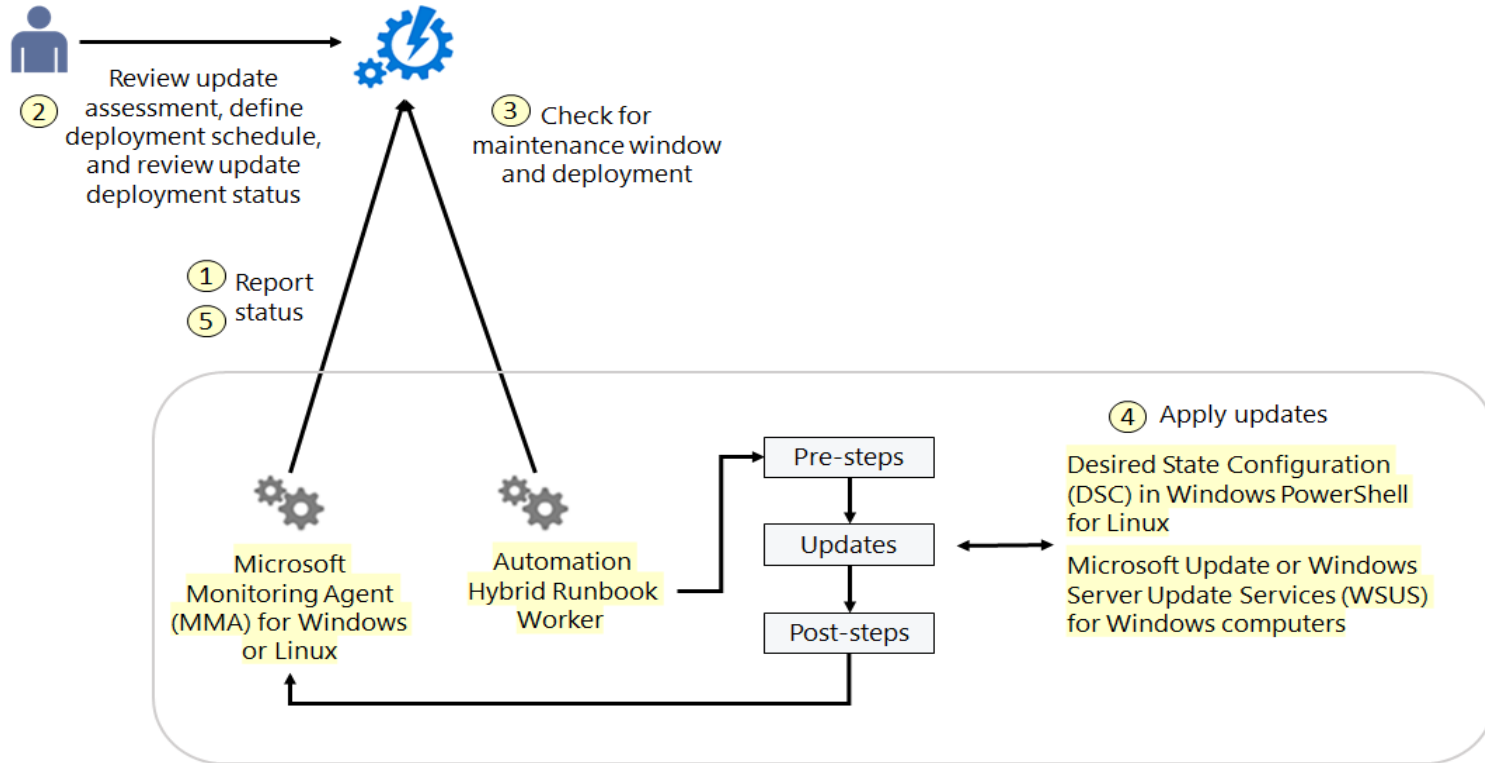
## Virtual Machine Templates

- ◎ Improves consistency
- ◎ Express complex deployments
- ◎ Reduce manual, error prone tasks
- ◎ Express requirements through code
- ◎ Promotes reuse
- ◎ Modular and can be linked
- ◎ Simplifies orchestration
- ◎ Enforces security concerns

## Remote Access Management

- ◎ Remote Desktop Protocol (RDP) for Windows-based virtual machines
- ◎ Secure Shell Protocol (SSH) for Linux based virtual machines
- ◎ Bastion Subnet for RDP/SSH through the Portal over SSL

# Update Management





## Disk Encryption

- ◎ Provides encryption of the operating system and data disks
- ◎ Windows VMs(BitLocker) and Linux VMs(DM-Crypt)
- ◎ Stores encryption keys in a customer-managed key vault

## Security Center Host Recommendations

- ◎ (OS) security settings with the recommended configuration rules
- ◎ System security and critical updates that are missing
- ◎ Endpoint protection recommendations
- ◎ Disk encryption validation
- ◎ Vulnerability assessment and remediation
- ◎ Threat detection

## Securing Azure Workloads

- ◎ CIS best practices to establish security baselines
- ◎ Recommendations are divided into categories
- ◎ Two levels (minimum and highly secure)

# Demonstrations

Azure Firewall



# Thanks!

## Any questions?

You can find me at:  
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## References

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