



Azure Landing Zone for Azure Virtual Desktop

Accelerating Secure and
Scalable AVD Deployments

ROCKET TALK – MC2MC

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Presentation topics

-  Introduction
-  What is an Azure Landing Zone?
-  Why Landing Zones matter for AVD
-  Key design areas
-  Reference architecture
-  Best practices



Cloud Architect at Rubicon

Mischa Sachse



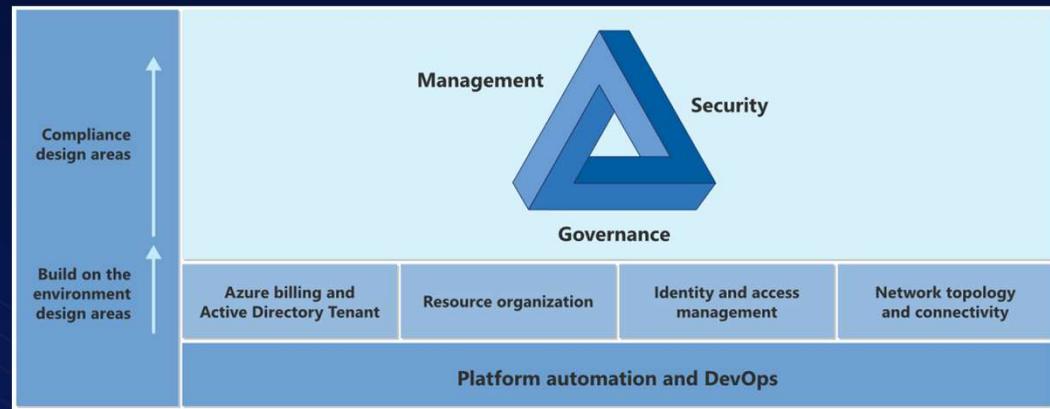
Detailed Information

Many years of experience in Microsoft products, started with on-premise infrastructure and on-premise device management and moved to cloud products of Microsoft like Intune and Azure Virtual Desktop. Transitioned a lot of companies to Azure and Microsoft 365 services, from SMB to larger enterprises.

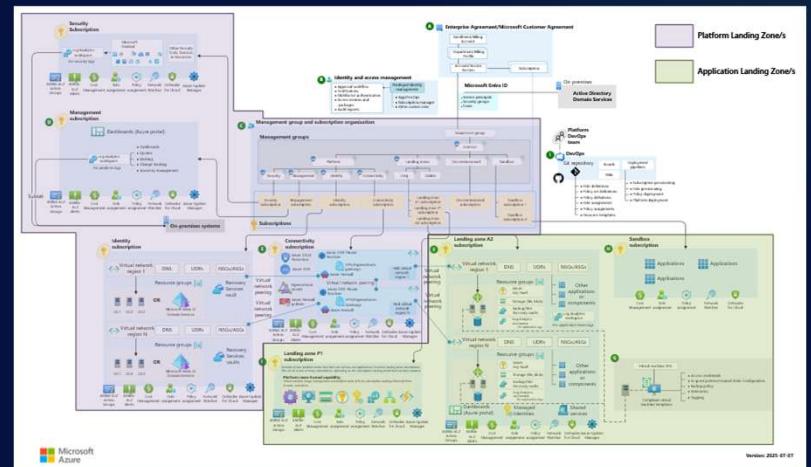
 mischasachse.com



What is an Azure Landing Zone?



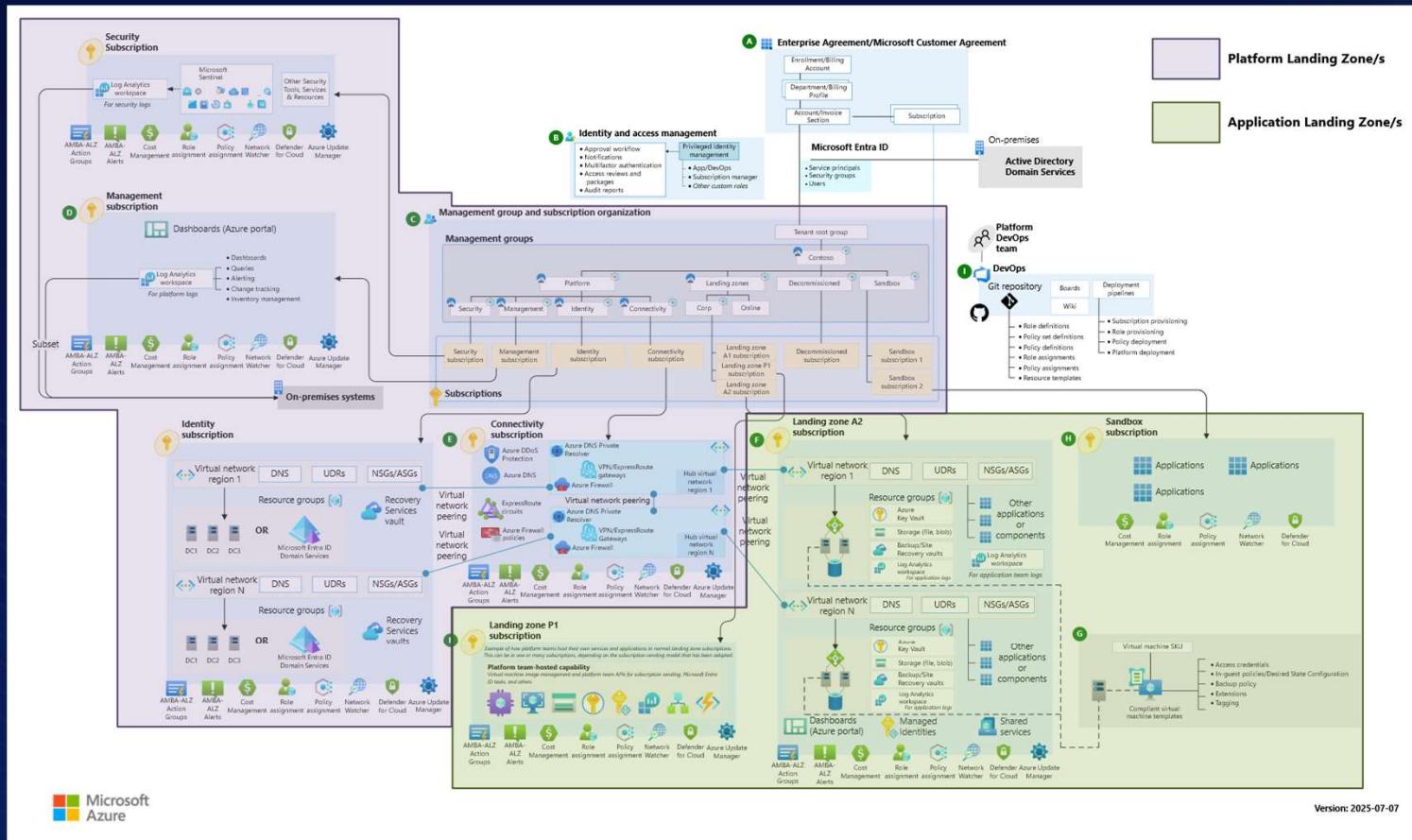
Visual: Azure Landing Zone architecture



Definition: A pre-configured environment with governance, security, and networking to host workloads.

Purpose: Accelerate cloud adoption with consistency and compliance.

Enterprise-Scale Azure Landing Zone





AVD needs:

- Identity integration (Entra, AD DS)
- Network connectivity (Vnet, Hybrid)
- Security controls (RBAC, policies)
- Monitoring and automation



Landing Zones provide:

- Standardized foundation
- Scalability and governance
- Faster onboarding

Why Landing Zones matter for AVD

Azure Virtual Desktop and Landing Zones combined are the perfect solution for scaling and security.



Key Design Areas for AVD Landing Zone



Identity & Access Management



Security & Compliance



Automation & DevOps



Networking & Connectivity

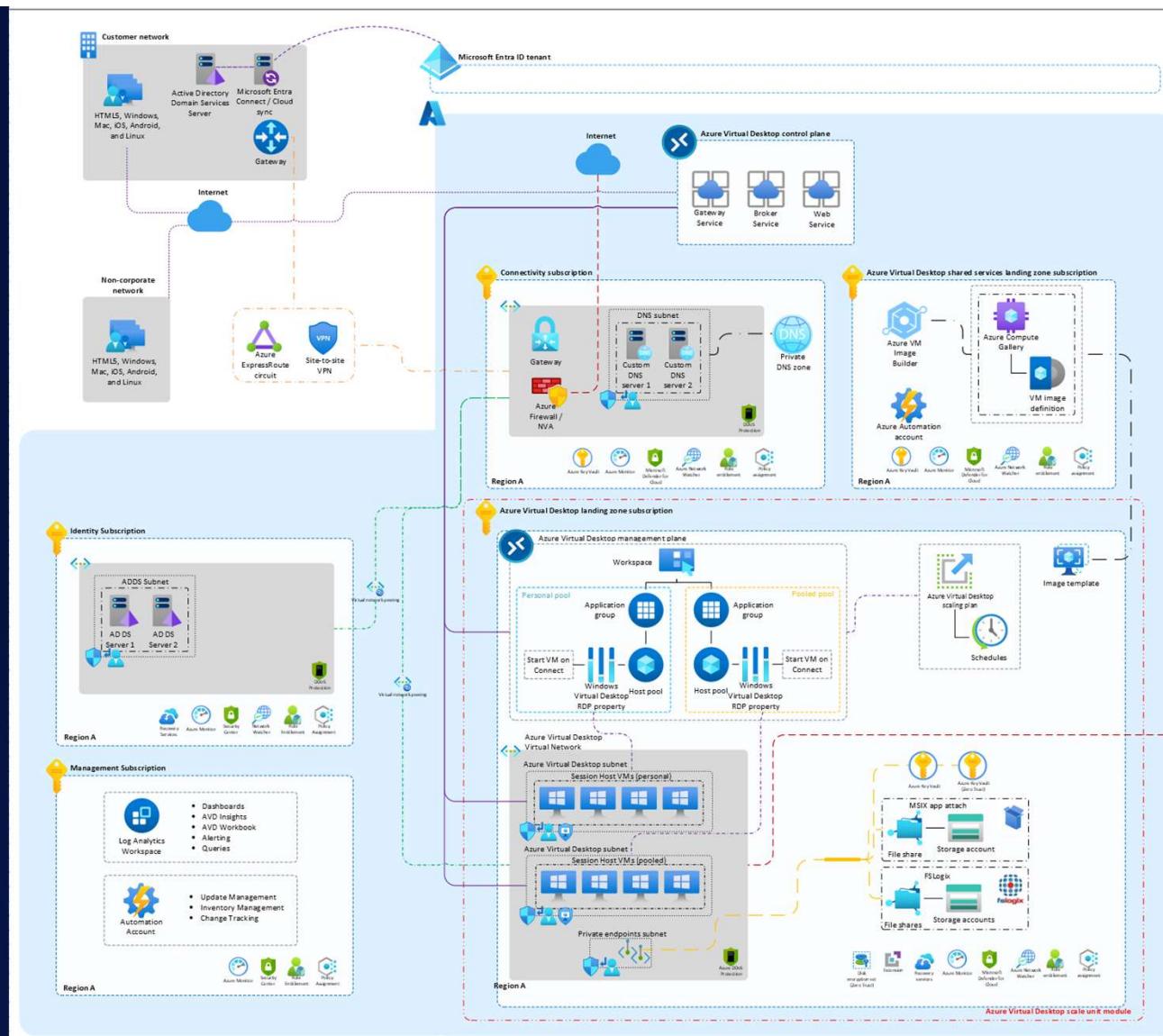


Management & Monitoring

Reference Architecture

Components:

- Hub & Spoke network
- Management group hierarchy
- Policy enforcement
- Log analytics
- AVD Host Pools



Deployment Options



Manual Setup

Custom built from scratch



CAF Modules

Azure Landing Zone
Accelerator
(Bicep/Terraform)



AVD-specific Blueprints

Microsoft's AVD Landing
Zone GitHub repo



Pros & Cons

Considerations of each
deployment option

Best Practices

Use Infrastructure as Code (IaC)

Azure Verified Modules can help you setup the Azure Landing Zone for AVD.

Align with Azure Well-Architected Framework

There is a lot of information on GitHub and Microsoft Learn to use as reference.

Secure by design (NSGs, Defender for Cloud)

Cloud Security Posture Management is a great solution to protect the Azure Landing Zone.

Monitor performance and cost

Using the AMBA baseline for monitoring and the FinOps framework for cost management.

Plan and scale lifecycle management

Azure needs improvement and scaling the solution is always a requirement for the design.



CHECK OUT THE USEFUL LINKS

THANK YOU

FOR LISTENING AND YOUR ATTENTION!

AZURE LANDING ZONE ACCELERATOR



 SCAN ME

AVD LANDING ZONE ACCELERATOR



 SCAN ME

AZURE VERIFIED MODULES



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