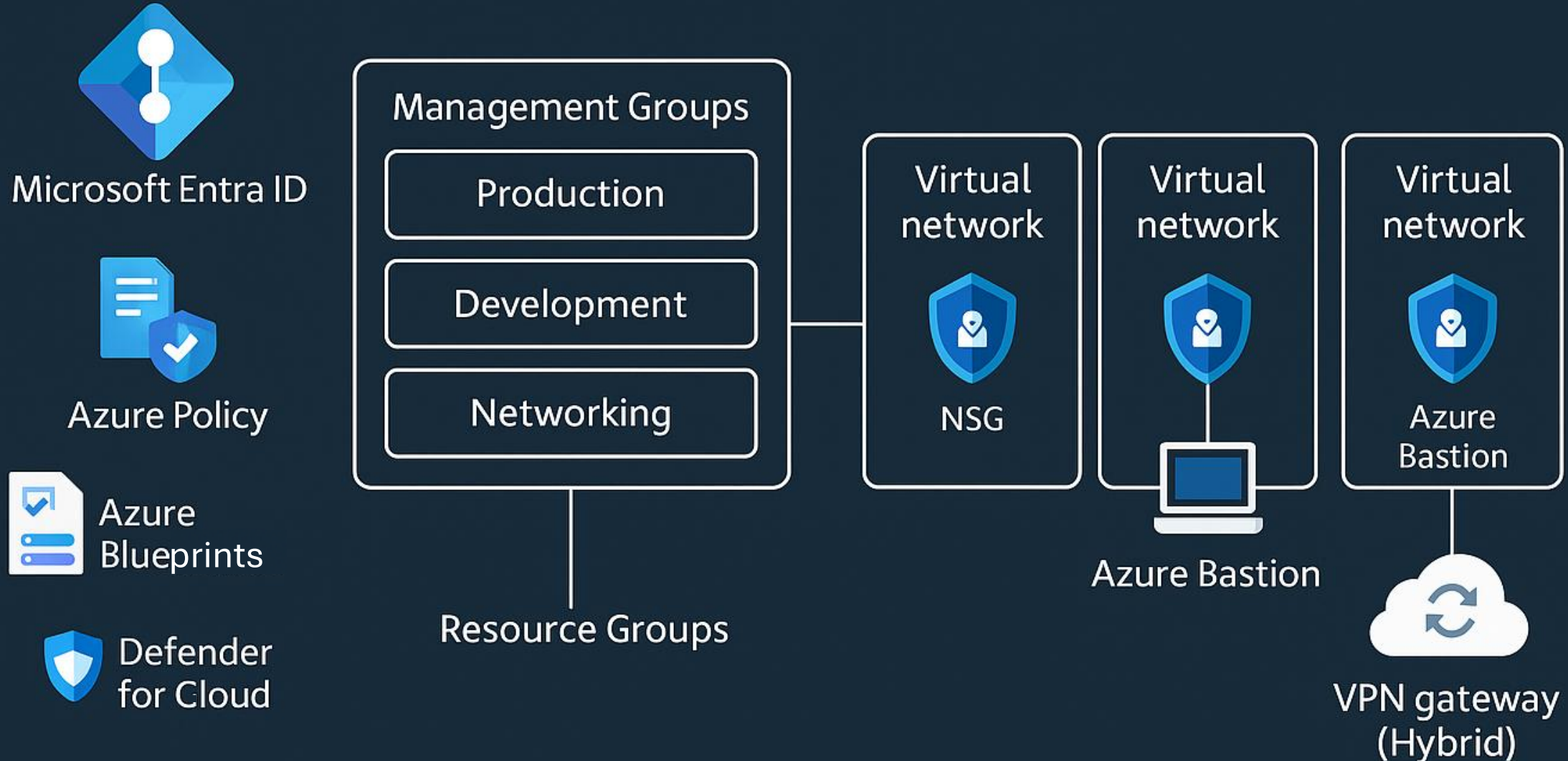


# Architect a Secure, Scalable Azure Landing Zone for Enterprise Migration

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# Azure Landing Zone Architecture



# Design Overview – Key Azure Services



**Azure Virtual Network (VNet):** Acts as the private network backbone for all deployed services.



**Application Gateway (WAF Enabled):** Provides layer 7 load balancing and protects against web attacks.



**Azure Bastion:** Secure, browser-based RDP/SSH to VMs without exposing public IPs.



**Azure Key Vault:** Securely store secrets, certificates, and access tokens.

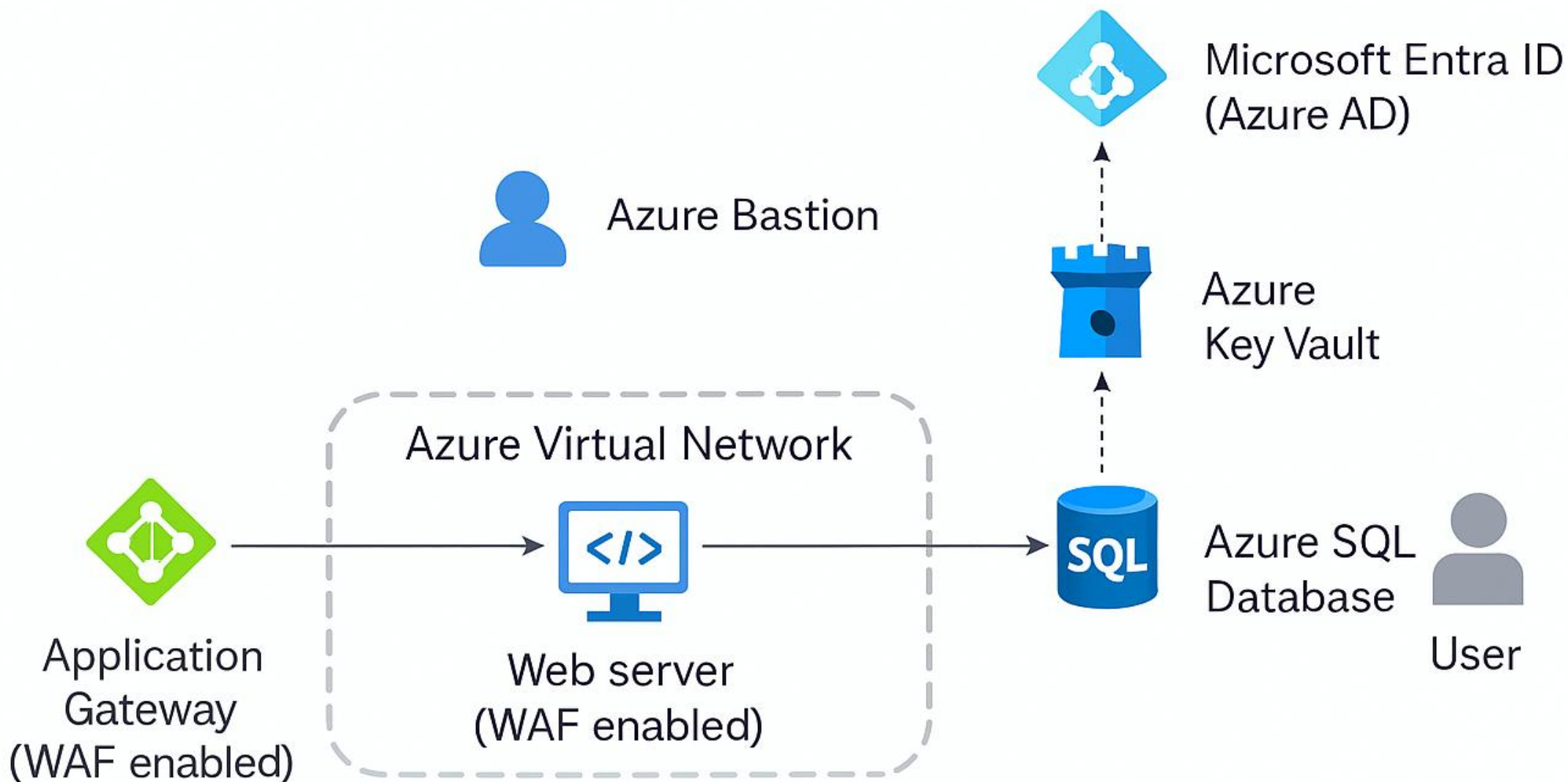


**Azure SQL Database:** Managed SQL service used by the app backend.



**Microsoft Entra ID (Azure AD):** Central identity for access control and RBAC.

# Architecture Flow (Visual Walkthrough)



Web Apps



Azure



Cloud Services

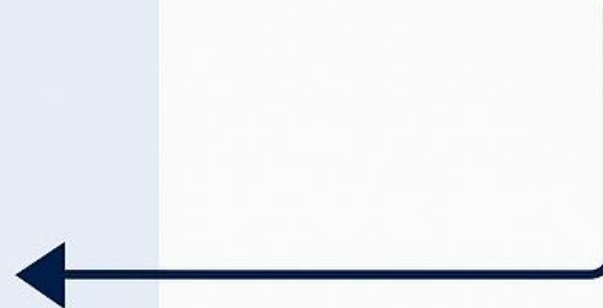


App Service

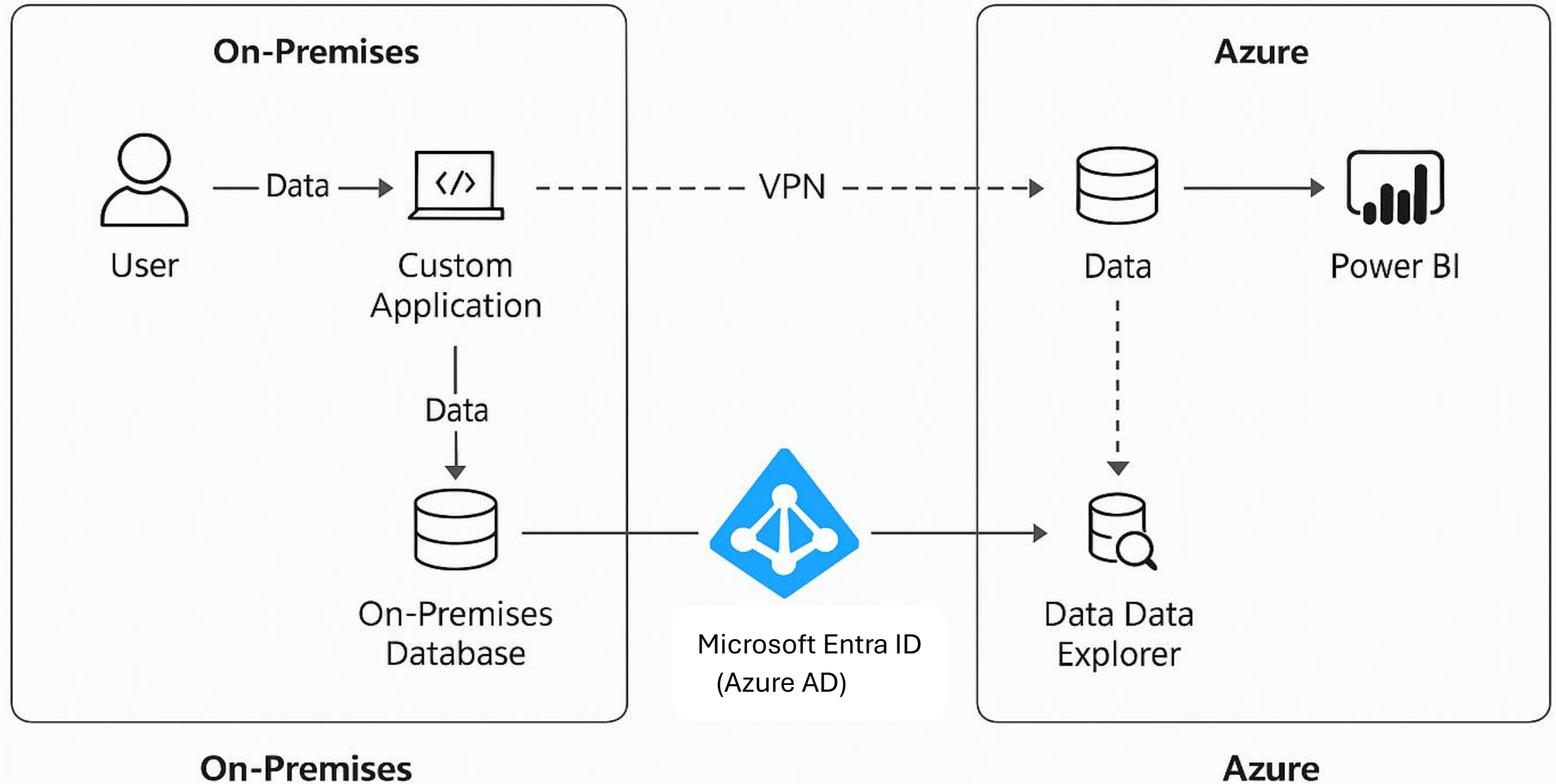
Authentication



Microsoft  
Entra ID  
(Azure AD)

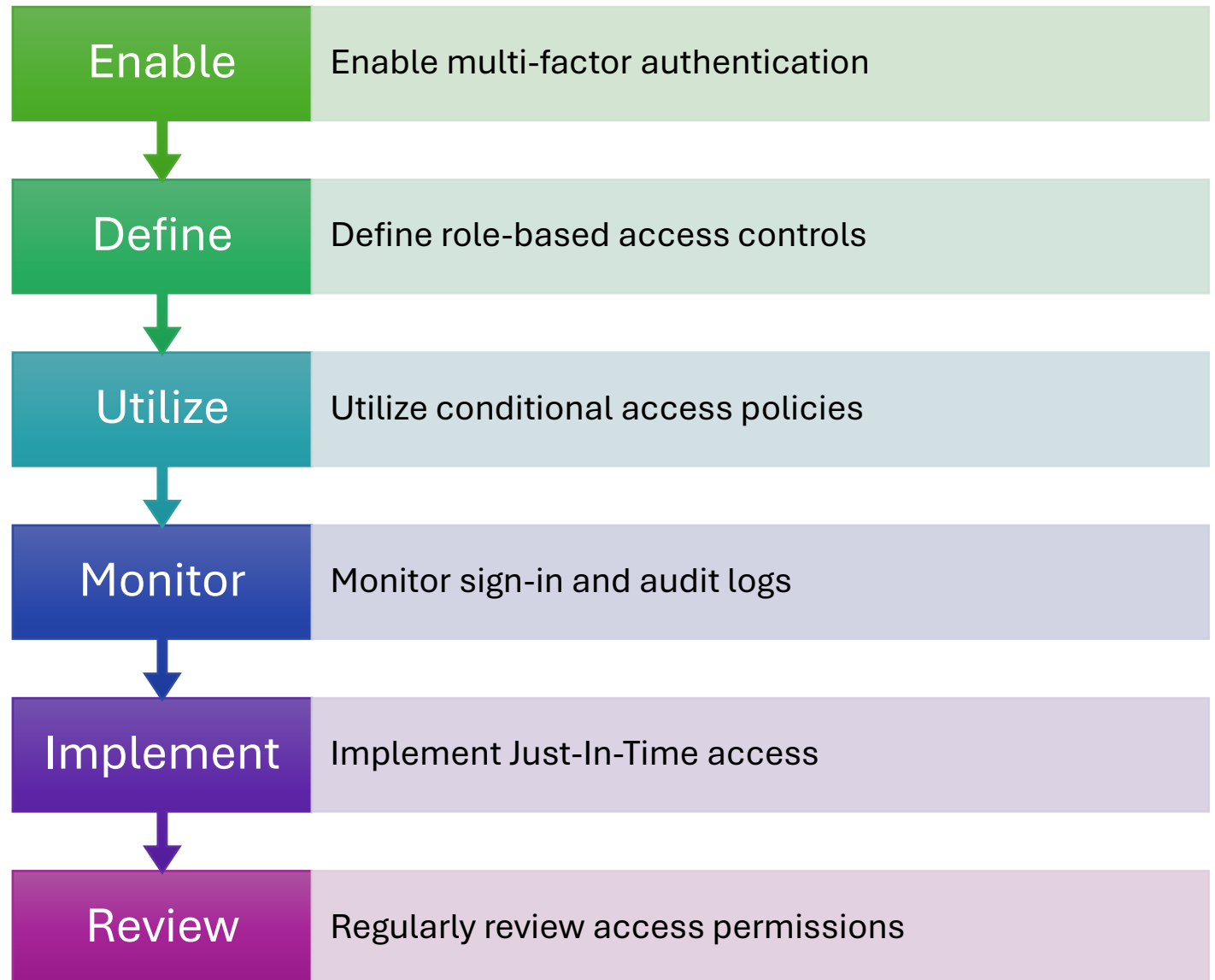


# Generate Analysis Reports

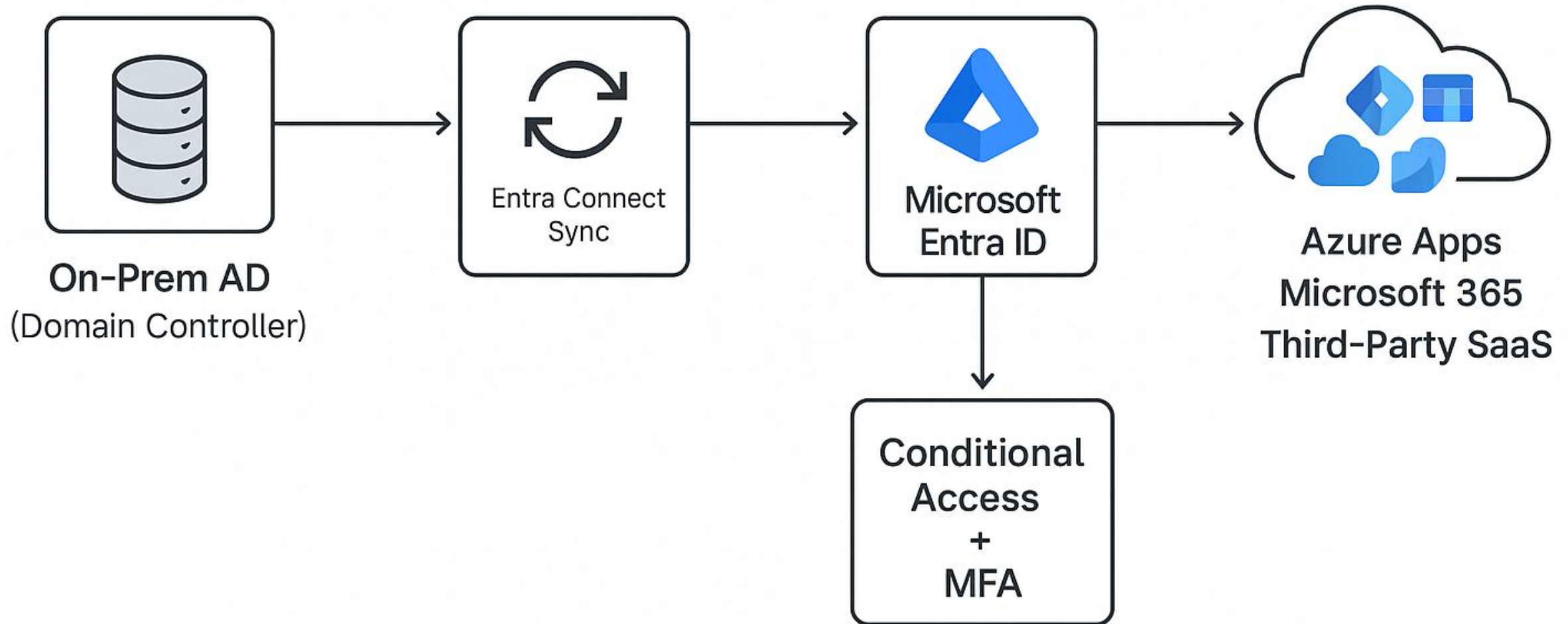




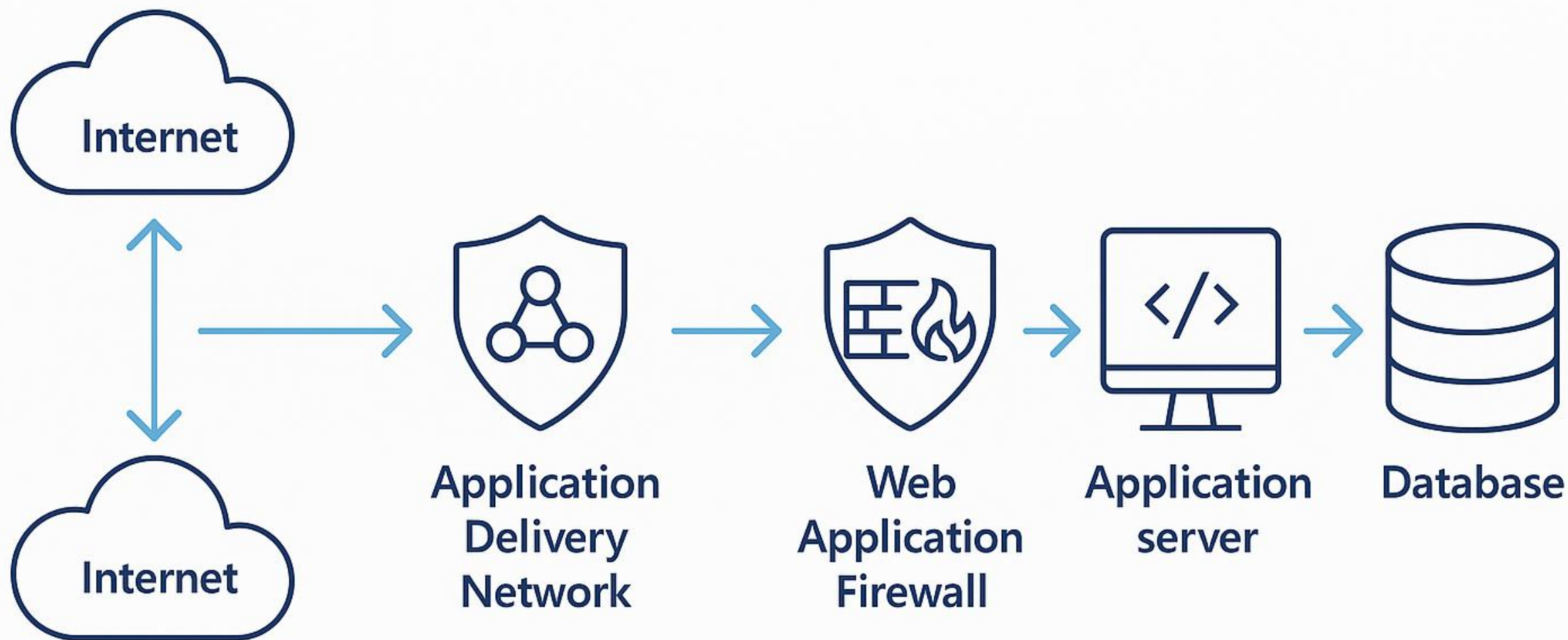
# Azure IAM Best Practices



# Identity Flow: From On-Premises to Secure Cloud Access

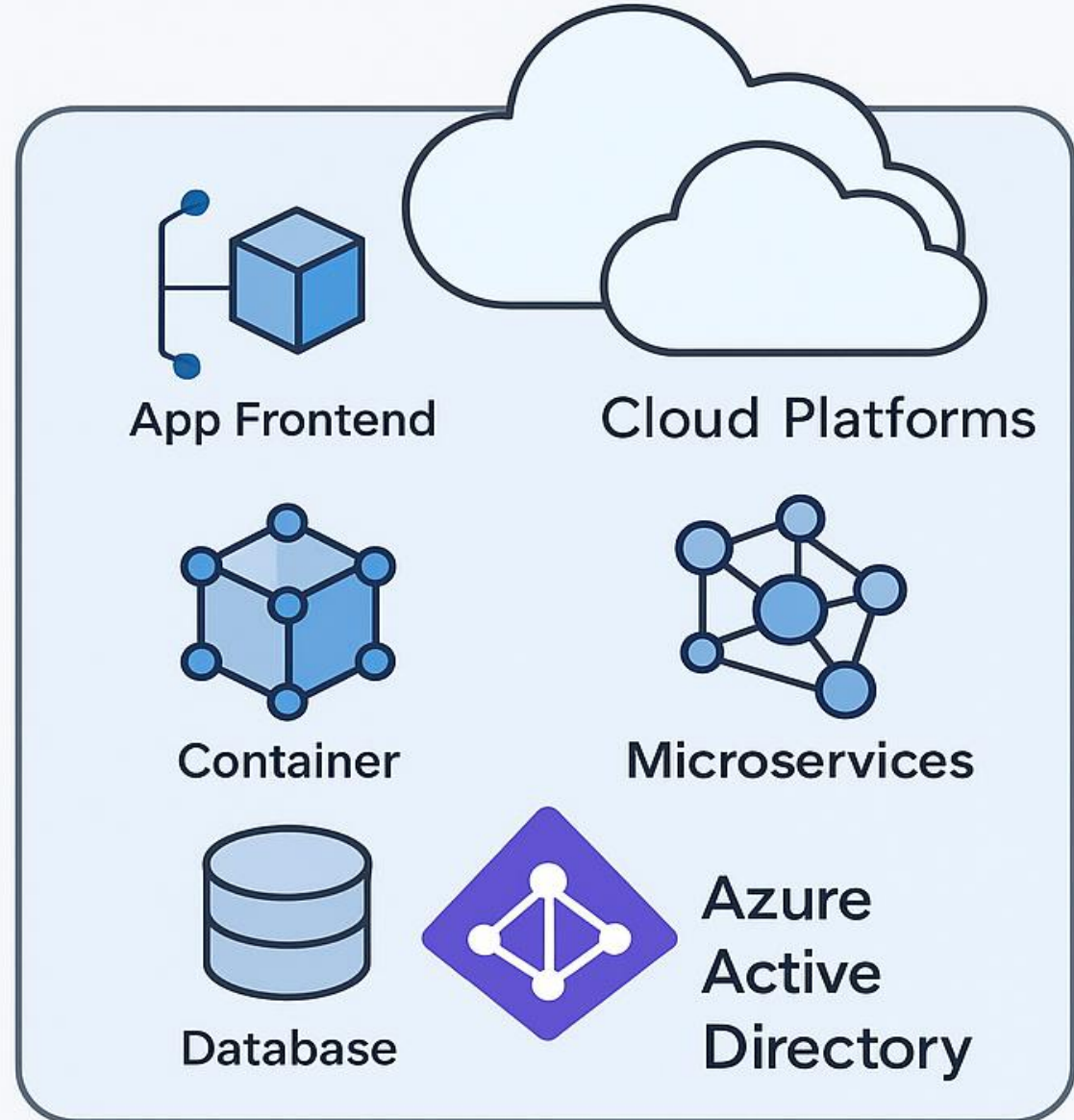
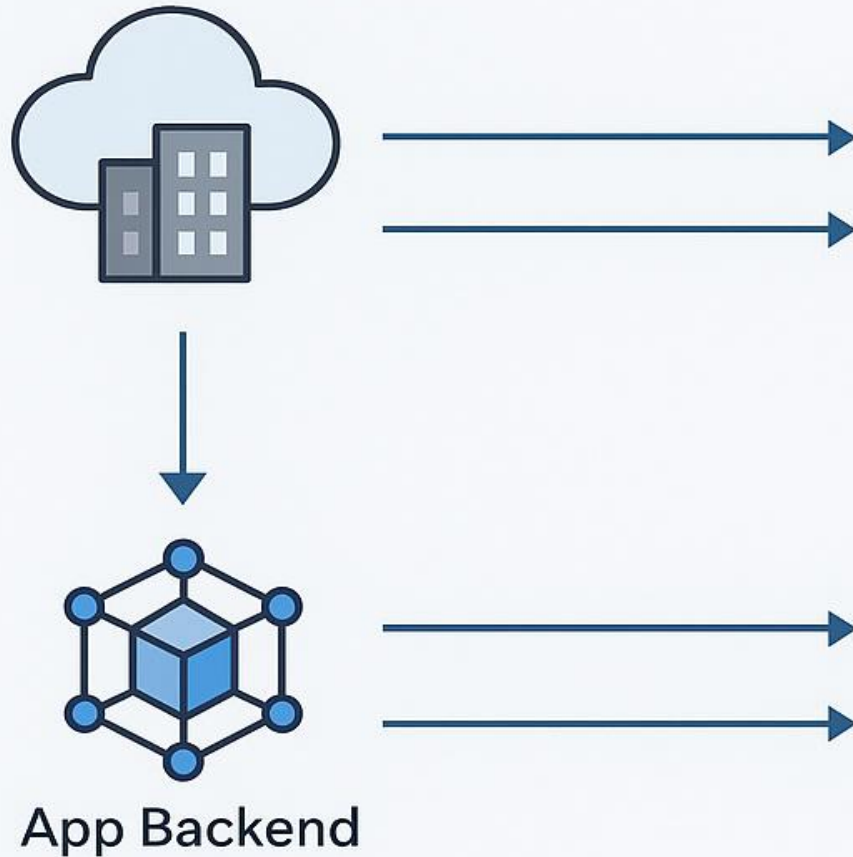






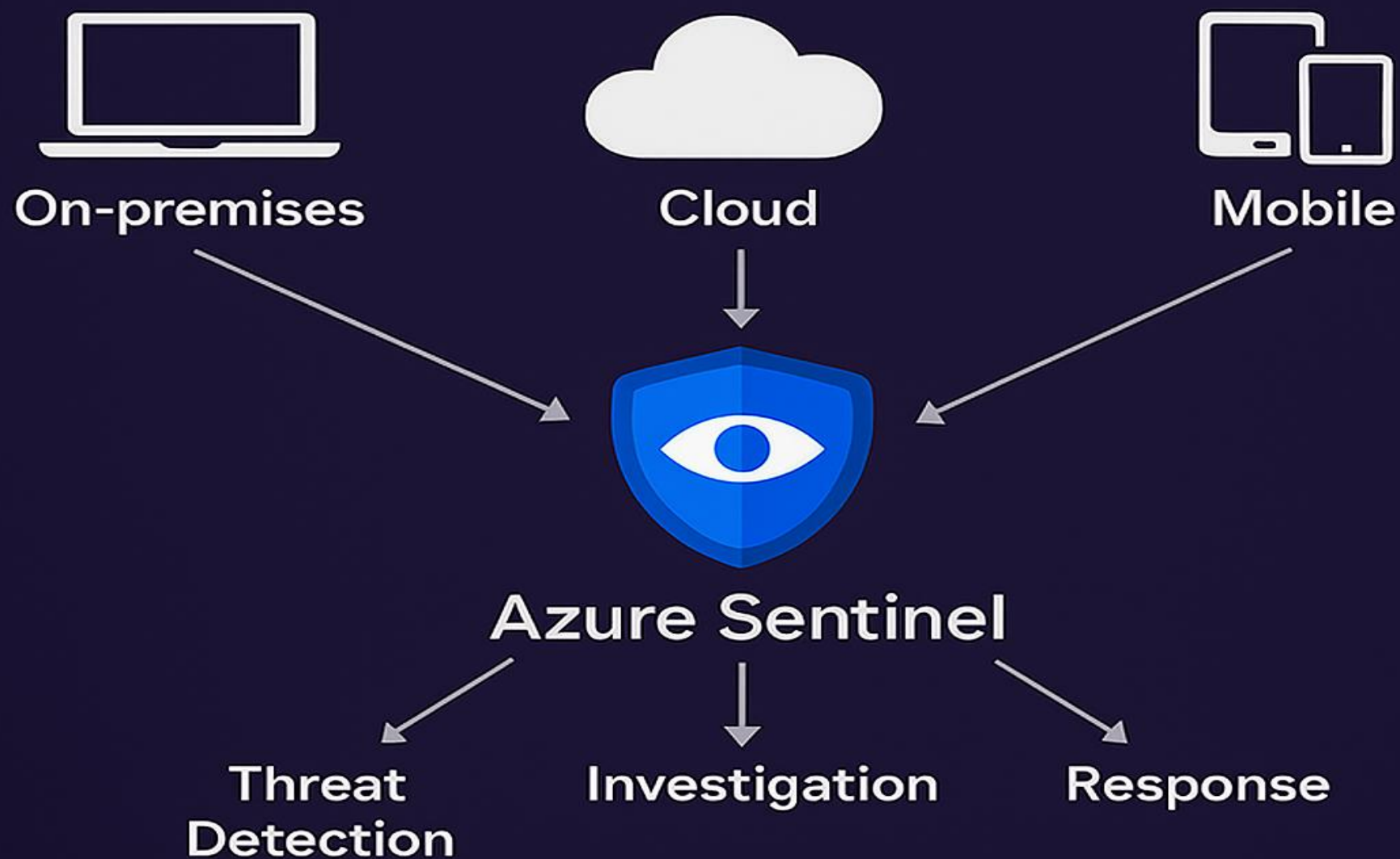
# Cloud-Native Application across Multiple Cloud Platforms

On Place Networks

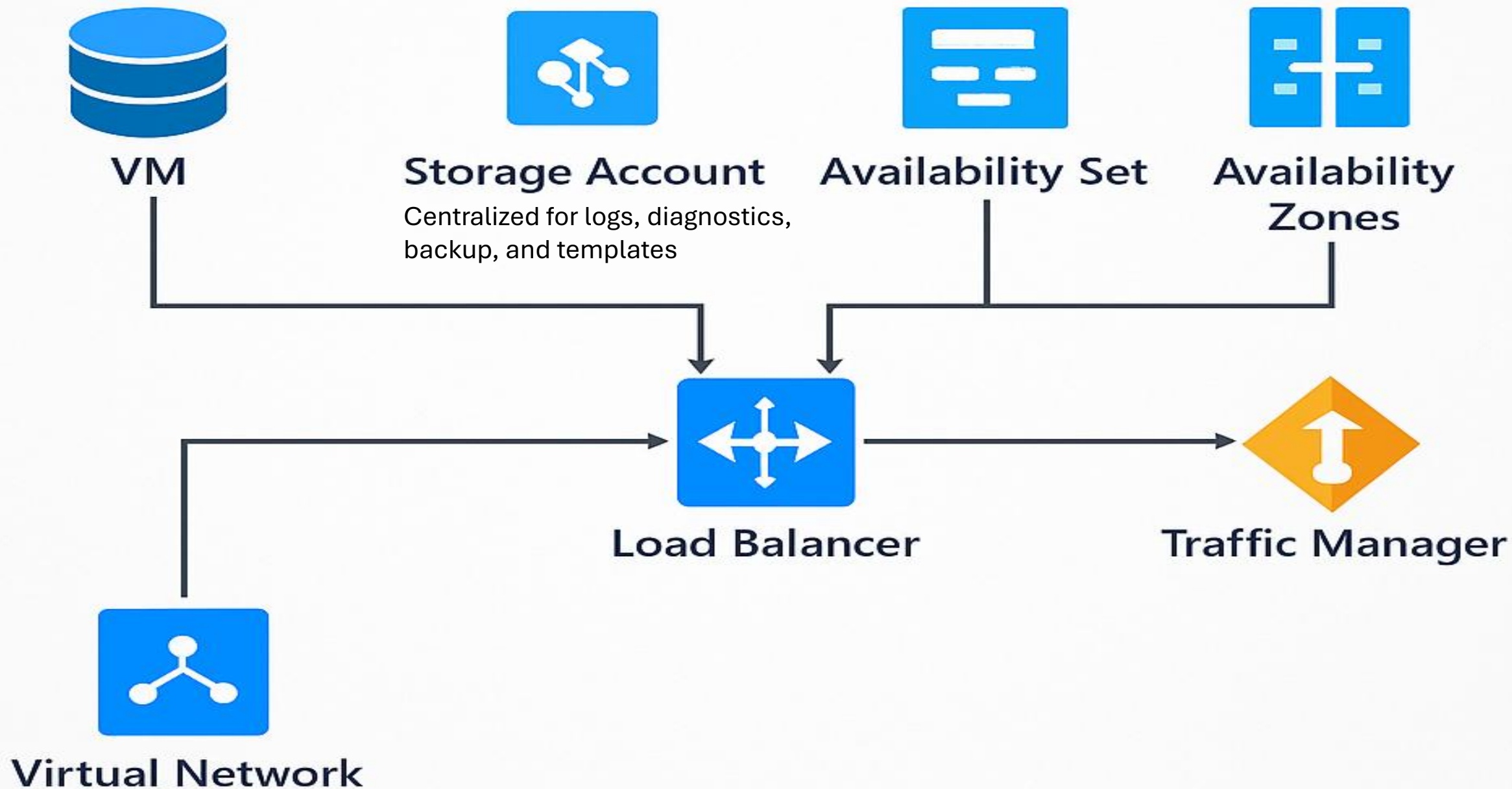



# Cross-Platform Enterprise Security

## Azure Sentinel




# High Availability Architecture with Load Balancer & Traffic Manager





# Scalability and Elasticity

- Enables the application to automatically scale out and in based on demand to accommodate the fluctuating load.
- 



# Summary Implementation Plan



Design a well-architected Azure cloud infrastructure



Establish secure access and identity management



Implement resilient networking and application solutions



Monitor, optimize, and document the environment