

# Begin Your Cloud Migration Journey with SNP's Azure Cloud Adoption Framework

SNP's Azure Cloud Adoption Framework gives customers a set of tools, guidance, and narratives that help shape technology, business, and people strategies for driving desired business outcomes during their adoption effort.



Application Development  
 Cloud Platform  
 Cloud Productivity  
 Collaboration & Content  
 Data Analytics  
 Data Platform  
 Datacenter  
 DevOps

## SNP's 4 Week Implementation Offers:



### Azure Governance

SNP's integrated security and consulting approach to implement policies, processes, and standards for architecture, acquisition, deployment, operation, and management of cloud computing

#### Azure Subscription Management

Define organizational hierarchy

#### Azure Role-based Access

RBAC (Role Based Access Control) for fine-grained access management of Azure resources

#### Azure Policies

Real-time enforcement, compliance assessment and remediation

#### Azure Blueprints

Deploy and update cloud environments in a repeatable manner using composable artifacts

#### Cost Management

Monitor cloud spend and optimize resources

#### Resource Graph

Query, explore & analyze cloud resources at scale



### Azure Hybrid Connectivity

Azure Hybrid Connectivity gives the ability to extend the on-premises network to Azure with consistent identity management, application logic, operations methodology, and other resources

#### Express Route

Helps to have a private connections between Microsoft datacenters and on-premises infrastructure.

#### Virtual Private Network

Site-To-Site VPN Using Marketplace Appliance to securely connect on-premises with Azure cloud.

#### SD WAN

Software-defined connectivity which allows automatic branch connectivity on a global scale

#### Application Delivery Controller

Scale applications and create high availability for all services.



### Azure Hybrid Identity

Azure Hybrid Identity enables your organization to have a common login to access the organization's infrastructure and applications

#### Azure AD Connect

Integrates on-premises directories with Azure Active Directory, allowing common Identity

#### DC on Azure

Providing high availability for your On-premise AD infrastructure

#### Managed Domain

Build Dev/Test environment that can be isolated from your on-premise AD infrastructure

#### Federation on Azure

Extending your ADFS farm on Azure for HA

#### Seamless Single Sign-On (Azure AD)

Users get easy access to cloud-based applications without requiring any additional on-premises components

#### Identity Service on Linux

Integrating your Linux servers with Azure AD



### Azure Security Management

Azure Unified Security bring the capability of centralized security management system for on-premises infrastructure and Azure Cloud

#### Azure Security Centre

Centralized policy management, Advanced cloud defences, Prioritized alerts and incidents, Integrated security solutions and Threats Detection.

#### Azure Sentinel

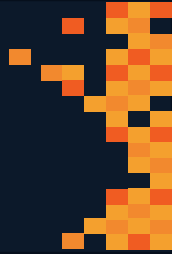
Cloud-native security information event management (SIEM) and security orchestration automated response (SOAR) solution

#### Azure Network Watcher

Diagnose and gain insights into network performance and health. Packet capture by setting alerts and gain access to real-time performance information

#### Network Security

Grouping of Network traffic rules as security groups using Azure's NSG(Network Security Group)



# SNP's 4 Week Implementation Process



**Azure Governance**

- ❖ Organize Azure subscriptions to minimize resource "sprawl".
- ❖ Fine-grained access management of Azure resources.
- ❖ Preventing accidental deletion of Azure resource .
- ❖ Policies structured in compliance with the organization standards .
- ❖ Cost mechanism.

**Hybrid Connectivity**

- ❖ Discovery and Assessment of current network/infrastructure.
- ❖ Edge device at datacenters and remote offices.
- ❖ Design the hybrid networking layout for high performance advanced hub-spoke or full mesh connectivity across all locations .
- ❖ Secured encrypted connectivity between on-premises, remote locations and Azure point to point.
- ❖ Configuring high availability/redundancy
- ❖ Testing the connectivity.

**Azure Unified Security & Operations**

- ❖ Common identity across on-premises and Azure.
- ❖ Continuous health validation of hybrid identity solution.

**Discovery for WVD**

- ❖ Identity and access management
- ❖ Securing the network
- ❖ Secure data using data encryption
- ❖ Unified security management.

## Deliverables

- ❖ Existing Azure Subscriptions Report.
- ❖ Connection Azure Subscriptions walkthrough focusing on RBAC & policies for better control and visibility.
- ❖ RBAC & Azure Policies Design and Configuration Documentation
- ❖ Established network connectivity between Azure & Datacenter, Remote office (If Any)
- ❖ Detailed document on the network design and configuration IP's

## Deliverables

- ❖ Fully configured security center with log analytics integrated
- ❖ Security Policy documentation
- ❖ Discovery Report
- ❖ WVD Infrastructure Implementation plan

