

Azure PaaS Hosting for Web Applications

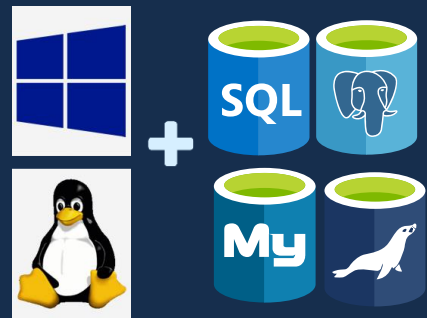
Microsoft & SNP Technologies bring the power and ease of Azure PaaS (App Service + Azure SQL) resources to host your web applications.

With Azure's App Service + database managed services you can respond to market opportunities faster by eliminating application downtime during enhancements, and scale applications on demand to support traffic changes.



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

If your organization has a website application running on-premises or on a co-located virtual machines, engage SNP to pilot the website and backend database on Azure. Choose between Windows and Linux OS. You can even bring your own container image! Azure has managed database support for SQL, PostgreSQL, MySQL and MariaDB.



A pilot provides the confidence to take the next step with SNP and Azure and garner the benefits of PaaS across your digital estate.

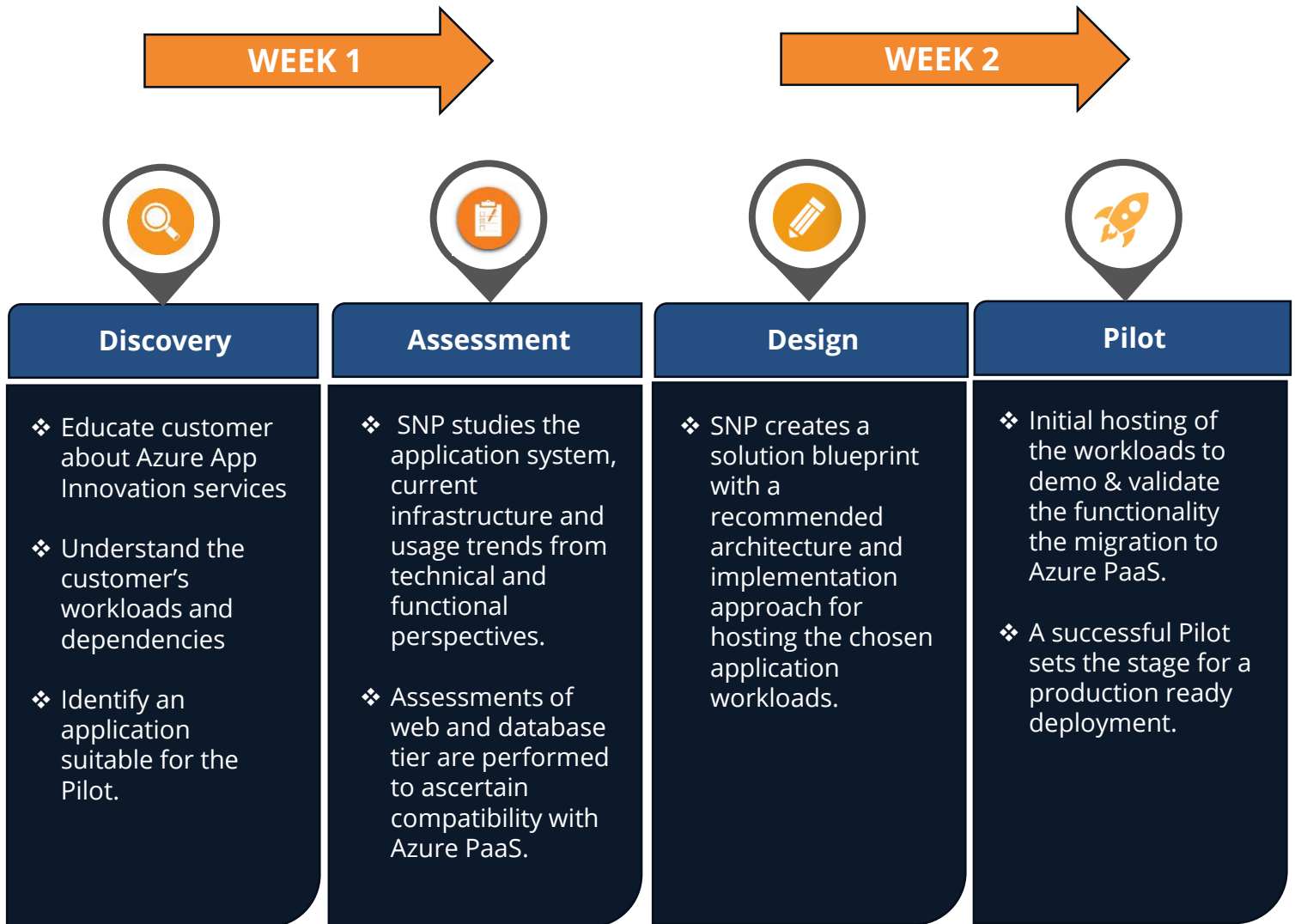
Features:

- ❖ Programming language of your choice.
- ❖ Community editions of popular, open source databases.
- ❖ Bring you own Docker image.
- ❖ Deploy from a Git repository.
- ❖ One-click CI/CD pipeline.
- ❖ Rules based auto-scaling.
- ❖ Slots for user acceptance and A/B tests.
- ❖ Application monitoring

Benefits:

- ❖ Eliminate hardware costs and reduce administrative expense.
- ❖ Pay-as-you-go pricing.
- ❖ Scale up and out.
- ❖ Host anywhere with global scale.
- ❖ Security and privacy built-in.
- ❖ VPN and Hybrid scenarios supported.
- ❖ High Availability SLA.

SNP's 2 Week Pilot Engagement



Deliverables

- ❖ Azure App Innovation workshop
- ❖ Assessment report
- ❖ Azure subscription setup

Deliverables

- ❖ Architecture diagram
- ❖ Migration plan walkthrough
- ❖ Application deployed to Azure
- ❖ Database migration to Azure
- ❖ Implementation documentation

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Proven Use case: ASP.NET Web App with SQL Backend

The architecture diagram illustrates a PaaS implementation of a 2-tier web application having a customer-facing ASP.NET front-end, API tier coupled with SQL database storage. Azure Active Directory authenticates users with login privileges. All traffic routes through the Azure Front Door service, a scalable and secure entry point for fast delivery of your global web applications.

Static content such as images and PDF files are stored in Azure Blob storage and cached with Azure Content Delivery Network (CDN) for low latency access at global scale. Azure Redis cache service further improves performance with high-throughput, low-latency data access by reducing SQL calls for frequently accessed, relatively static data.

