SNP technologies inc.

Nutanix on Azure: Deploy. Migrate. Modernize
16 Weeks Enablement

Organizations running Nutanix on-premises want the agility of Azure—without re-architecting applications, retraining teams, or managing new infrastructure complexities. Traditional migrations are costly, disruptive, and slow, while disaster recovery and scaling remain ongoing challenges.

The SNP Solution:

Nutanix Cloud Clusters (NC2) on Microsoft Azure lets you run your Nutanix private cloud directly in Azure—using the same tools, skills, and licenses you already have.

SNP Technologies helps you **design, deploy, migrate, and modernize** your environment using a proven, low-risk, three-phase approach.

Why NC2 on Azure:

With NC2 on Azure, you can:

- Run Nutanix natively on Azure BareMetal—no hardware to manage

- Seamlessly move workloads between on-premises and Azure

- Use the same Nutanix software, licenses, and management tools

- Migrate applications with **no code changes**

- Scale on demand—up or out—with just a few clicks

- Use Azure as a cost-effective disaster recovery site

- Integrate fully with the Azure ecosystem

All while Microsoft manages the Azure infrastructure and Nutanix delivers a fully supported cloud platform.

Key Business Benefits:

- **Faster Cloud Adoption:** Lift and shift workloads without refactoring

- **Operational Consistency:** Same Nutanix tools, same processes, same skills

- **Cost Optimization:** License reuse, Azure Hybrid Benefit, Reserved Instances, free Windows Server ESUs

- **Built-In Resilience:** Enterprise-grade DR and backup options

- **Elastic Scalability:** Scale instantly without procurement delays

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Our 3 Phase Delivery Approach:

Phase 1: Deploy & Secure NC2 on Azure

SNP designs and deploys a secure, production-ready NC2 environment.

- Pre-deployment readiness and workload assessment
- Right-sizing of NC2 node types and subscription plans
- Secure connectivity via ExpressRoute or VPN
- Azure networking, IP planning, and outbound connectivity
- Security controls using Azure AD, RBAC, MFA, NSGs, Firewall, and micro-segmentation
- Enable lifecycle management, patching, and updates

Outcome:

- A fully deployed, secure, and operational NC2 on Azure environment aligned to best practices.

Phase 2: Migrate Workloads to Azure

SNP safely migrates workloads from VMware, Hyper-V, or Nutanix AHV to NC2 on Azure. What we do:

- Migration discovery and dependency analysis
- Network and migration architecture design
- Deployment of Nutanix MOVE migration appliance
- Test migrations and phased production
- Application validation and post-migration support

Outcome:

- Minimal-downtime workload migration with no application changes.

Phase 3: Disaster Recovery & Backup

SNP implements a resilient DR and backup strategy aligned to business SLAs.

Disaster Recovery Options:
- Protection Domain–based DR
- Prism Central–based DR
- API-based DR for third-party integrations

Backup Strategy:
Since Azure Backup is not natively supported for NC2 workloads, SNP helps design and implement third-party backup solutions such as:

- Commvault
- Rubrik
- Veeam
- Cohesity

Outcome:

- Predictable recovery, protected data, and business continuity.

Ideal Use Cases

- Data center exit or consolidation
- Azure-based disaster recovery
- Seasonal or burst scaling
- Rapid cloud migration without refactoring
- Infrastructure modernization with minimal risk

Assess Your Readiness for Nutanix on Azure!

Reach out to us: Prakash Parikh, CEO – prakash@snp.com

About SNP Technologies Inc.

SNP Technologies Inc. is a trusted Microsoft Solutions Partner, empowering businesses to thrive in a cloud-first world. We specialize in **Azure cloud infrastructure**, **security**, and **data and AI,** delivering transformation through a **customer-first approach** and **deep Microsoft expertise**.

Supported by globally recognized **ISO certifications in IT Service Management, Information Security, and Business Continuity Management,** SNP ensures that innovation is never achieved at the expense of security or stability.

Our capabilities are further enhanced by **multiple Microsoft Specializations**. Combined with our passion for solving complex challenges, these specializations enable SNP to deliver **tailored, scalable solutions** that drive agility, strengthen security, and accelerate business outcomes.

Microsoft Solutions Partner — Infrastructure Azure

Specialist
Azure VMware Solution
Networking Services
Infra and Database Migration
Azure Virtual Desktop

Microsoft Solutions Partner — Security

Specialist
Cloud Security
Information Protection and Governance
Threat Protection

Microsoft Solutions Partner — Digital & App Innovation Azure

Specialist
Kubernetes on Azure
AI Platform on Microsoft Azure
Migrate Enterprise Applications to Microsoft Azure
Accelerate Developer Productivity with Microsoft Azure
Build AI Apps on Microsoft Azure

Microsoft Solutions Partner — Data & AI Azure

Specialist
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Kubernetes on Azure
Analytics
AI Platform on Microsoft Azure
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