VirtSpace- Delivering Autonomy

Summary

Looking for a solution that provides a fully secure, centralized computing experience, and could be available anywhere on any device, to deliver fast time to value and business agility?

NIIT's VirtSpace is a consulting solution for desktops in cloud to meet all business need. It is capable to deliver a great virtualized Windows and Microsoft Office 365 ProPlus experience while reducing IT overhead with built-in security and management features using Microsoft Azure Windows Virtual Desktop Service. Meeting the needs of thousands of employees beginning to work from home and prioritizing security at each step, VirtSpace Consulting hours offers virtualization solution that delivers a multi-user Windows 10 experience, so you can affordably deliver the Windows 10 features that delight your users—and do it at scale.

About the Solution

The VirtSpace virtual desktop infrastructure solution provides Microsoft Azure professional services and recommend following cloud native services. Virtualization and optimisation of Office 365 ProPlus is done to run in multi-user virtual scenarios. Security is embedded in design as per best practise. Azure AD authentication is provided.

Manual process of application delivery and legacy methods for desktop servicewill be eliminated. Seamless workflow will be established for next generation remote computing.

NIIT Tech will provide VDI/Workspace solutions with managed service hosted in NIIT Tech Cloud Environment for rapid deployment cycle. NIIT Tech will offer a pre-configured windows image with basic software, Cloud based Active Directory, landing zone. Existing tools like configuration manager will be used for management.

It is built on top of Microsoft Azure platform services, such as: Azure AD Services for authentication, Universal Print for printing needs, Identity Protection, Azure Firewall, Traffic Manager, and Windows Virtual Desktop Management and Data planes, Azure Virtual machines to provide compute, Azure Managed Disk to provide ephemeral storage, Azure Domain Services to provide domain joined desktop, Azure Security Centre with Azure Sentinel to cover Cloud Security, Azure Monitor with Log Analytics to cater Logging needs. Overall Solution is bundled with rich Azure Services mentioned above.

NIIT will coordinate with your security team to comprehend the functional requirements of business in reference to security and compliances for VDI service. In the meanwhile, period of 2-5 weeks we will engage with your architects to plan and design the infrastructure for the landing zone. Based on this plan a fully managed VDI VirtSpace with a secure, centralized computing experience will be implemented. At the end of the project, the customer will have fully functional desktops on Azure. Customers will be able to cater desktop requirement on the fly and best part is, still they have to pay only for what they use.

As a quick starter NIIT tech offers following deployment models: -

Desc.	Offering (NIIT Tech Hosted Solution)	Extended Customizations	
		Customization	Additional Time Required
Landing Zone	Provisioned with Security by NIIT	Customer customization	Requires a discussion
AD	Azure AD managed by NIIT	AD Connector based integration with Customer AD	▪ Up to 1 week, however, if the prerequisites are met this can be reduced to 3 days
OS Image	NIIT Provided Windows 10/7	Customer provided image	Up to 1 week, however, if the prerequisites are met this can be reduced to 3 days
Apps	• Office 365 (BYOL) • OneDrive (BYOL) • Teams/Skype,Outlook (BYOL) • Browser • Windows Defender	• BYOL Endpoint Security • Other Apps	• Needs anywhere between 2 hours to 3 days depending upon complexity
End user Connectivity	Via Internet	Requires Discussion	
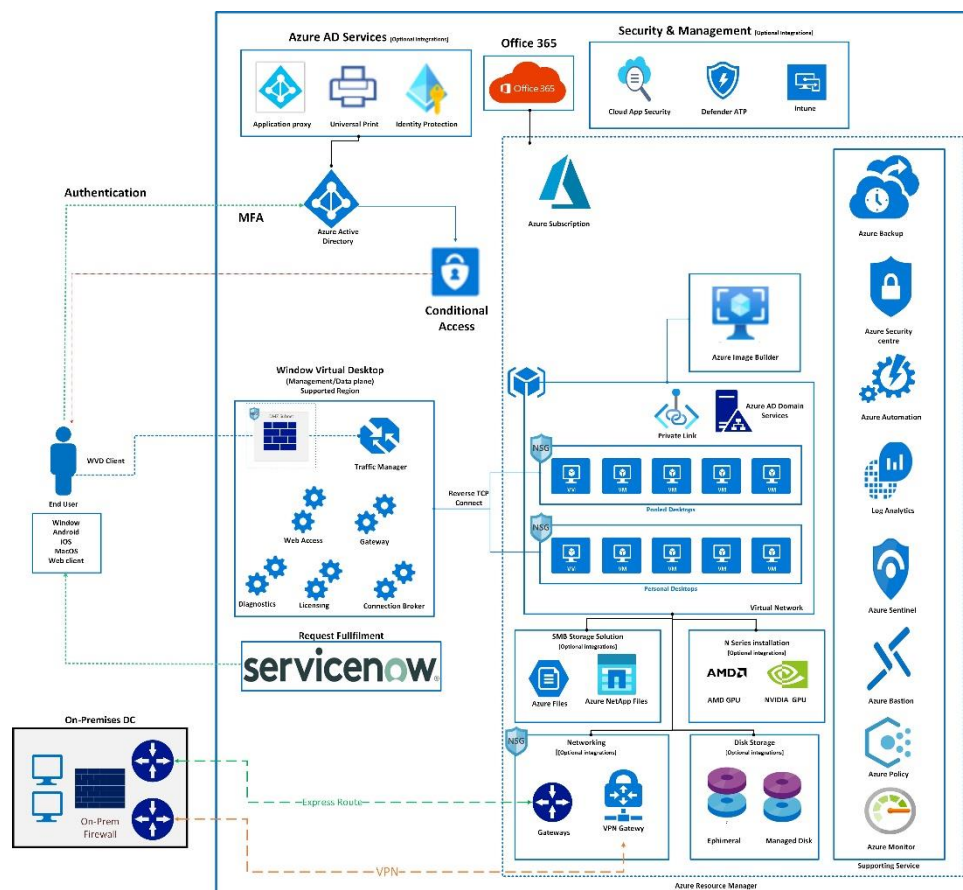
Timeline

Basic deployment: <=1week

Extended Customisation: Addition 2-5 week, provided on pre-requisite meet

Features & Benefits

With NIIT's fully managed VirtSpace solution you can have following Features/benefits:

- Flexi licenses & pay per use model have better control over cost
- Scalable to meet future growth and system provisioning is quick
- Business continuity will be enhanced by using High-Available Architecture
- Enhance Security supports wide range of devices – Mac, Windows, Surface, etc.
- Secure access for published applications & also Multi-Factor Authentication (MFA) requirements
- Completely seamless user experience.
- Application Management without sequencing, snapshotting, packaging, or virtualization.
- Massively reduce the number of gold images that must be maintained
- Applications, desktops, and data are all kept in a central location, with stringent security policies and enterprise-grade security solutions.
- Enhanced security with simplified configuration.
- Seamless VDI operations through NIIT's Managed Services.
- Superior economics from significant cost saving(infra 70%, licensing 60%, labour 60%)
- Platform choice: user may connect from any device of choice.