



Our client, a digital automation technology consulting firm, headquartered in USA with a wholly-owned delivery center in Bangalore, India, mandated Ahana to build a hybrid IT infrastructure architecture which included cloud as well as on-prem infra within a super-quick time frame, in order to provide work flexibility to their workforce and avoid complete dependency on their on premises data center.

SUMMARY

The client's entire IT infra pre-pandemic was in-house due to which even though the entire staff moved to WFH mode they had to connect back to office IT infra to continue their work whether internal or external. To avoid this single point dependency on-prem IT infra,

Ahana was mandated to create a hybrid infrastructure so that the workforce had a choice to either connect through cloud VPN for their work or through on-prem connectivity.

AHANA DELIVERS ON THE MANDATE

The mandate for Ahana was time-bound and complex. Some of the requirements are outlined below. Initial requirements ranged from device connection to Azure AD and On-Premises DC, remote access and management for all devices, single identity management, setting up of device control policies, patch management from cloud, end-point encryption, mobile device management, corporate data protection and advance threat protection. Ahana ensured that the project was successfully delivered within the time frame mandated.

SOLUTION APPROACH

Connection access for devices to both Azure AD and On-premises DC

- » This was achieved by joining devices to Azure Active Directory Domain and configure ADC services on Azure (IaaS). Data was synced from the current On-Prem Opteamix PDC.
- » Devices were Intune enrolled to get capability to manage the Windows 10 devices using Microsoft Intune. This includes deploying various configuration policies, compliance policies, update management, application deployment, windows information protection policies.

Device control from inside or outside the network.

This was achieved via cloud based centralized VPN services (Firewall as an appliance - IaaS) and by building required Site to Site & Client to Site VPN tunnel

Single Identity - One user ID & password for all the systems, email and application etc.

- » Azure Active Directory Services (SaaS), ADC VM (IaaS) was implemented to enable this.

Group policyManagement, Software deployment, Setting screen saver & Browser control etc. via Intune

- » Microsoft Intune was implemented to configure group policies and to manage windows 10 devices.

Mobile Device Management / Corporate Data Protection

- » Microsoft Intune & Azure Active Directory Premium License were used for mobile device management and corporate data protection.
- » Intune enrolment gives capability to manage the Mobile devices which includes deploying various Configuration policies, Compliance policies & Update management
- » Azure AD Conditional Access policy was implemented to ensure that device is enrolled before accessing corporate resources like email (Azure AD Premium license required)



RESULTS

The quick decision to move to hybrid IT infrastructure from on-prem only ensured that there was



Resilient access to the required resources ensured availability of seamless connectivity vs earlier available single point connection approach there by enabling frictionless work access.



Enhanced security due to conditional access enabled for all resources



Increased operational efficiency due to the move to cloud

ABOUT AHANA

Ahana is a 13 plus year old Information Technology firm based in Bengaluru. The company started off as a SME oriented company providing IT services to SME's and has since then transformed itself into an to end to end Infrastructure Managed Services and Digital Transformation Services company which provides the latest in Cloud, RPA, DB & EDW, BI & Analytics and Application Development. Ahana's 100 plus client roster now comprises several large enterprise companies with specific focus and expertise across industry sectors such as Logistics, BFSI, IoT/Telematics and Manufacturing. It's deep domain expertise, skilled resource base and proven partnership with Industry best technology providers such as Microsoft, AWS, Digital Ocean, NetMagic, SAP, UiPath, Checkpoint, FortiGate etc. has ensured that Ahana is now considered as one of the preferred IT service providers for its clients and partners.