

Azure MFA Integration for external connectivity using VPN & Remote Desktop Gateway

Advanced Security using Azure MFA for external connections

How secured are you in this covid-19 situation when your employees are connecting from home?

While everyone is working from home and connecting to your internal resources via VPN or remote desktop. Organizations MUST implement scalable cloud-based MFA for additional security!

Security Risks

- Employees are connected from **untrusted locations** while working 100% remote.
- Employees making RDP or VPN connections from **untrusted and unhealthy devices**
- Users connecting using **weak passwords** increasing the security risk
- Automated attacks using the accounts like **phishing, man-in-the-middle attacks, brute force attacks, password spray**

Benefits

- MFA blocks up to 100% of automated bots, 99% of bulk phishing attacks, and 66% of targeted attacks that occurred during our investigation (as per research)
- Azure MFA Server not required. NPS Role required to be installed on an existing windows server or a domain controller
- The solution can also be extended any solution which supports RADIUS authentication. E.g. CISCO VPN or Remote Desktop Gateway.
- Use existing Azure MFA licenses bundles with your E3 or E5 investments
- Deployment and user adoption within 4 weeks per remote connectivity solution regardless of the number of users in the organization

SOLUTION

- ✓ The Network Policy Server (NPS) extension for Azure MFA adds cloud-based MFA capabilities to your authentication infrastructure using your existing servers. With the NPS extension, you can add phone call, text message, or phone app verification to your existing authentication flow without having to install, configure, and maintain new servers.
- ✓ Remote connection methods
 - NPS extension for Azure MFA can be integrated with any remote connectivity solutions that support RADIUS authentication method
 - Azure P2S VPN, Remote Desktop Gateway, Cisco VPN are a few examples of supported integrations
- ✓ Pre-requisites
 - The NPS Extension for Azure MFA is available to customers with licenses for Azure Multi-Factor Authentication (included with Azure AD Premium, EMS, or M365 E3/E5 bundles)
 - The NPS Extension for Azure MFA can be installed on Windows Server 2008 R2 and above
 - Licenses for the remote solutions which need to be integrated with Azure MFA. Example RDP User licenses if RDG is integrated for MFA

