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MAXPRO Cloud Device Integration Guide

This document describes integrating secure video communication channel between ENVR and MAXPRO Cloud.

Before You Begin

Before you begin the VPN Gateway and Firewall Setup on-premise, ensure that the following specifications are met.

- Presence of a compatible VPN device on-premise to create the VPN connection with Azure.
For more information on Azure site-to-site, refer to :
<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-howto-site-to-site-resource-manager-portal>
For more information on Azure supported VPN device list, refer to :
<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-vpn-devices>
- Availability of a qualified IT Pro/Network engineer to configure the on-premise VPN Gateway (GW) and Firewall modifications.
- Availability of an external facing public IPv4 address for the on-premise VPN device is not located behind a NAT.

NOTE:

The IT Pro/Network engineer must specify the IP address range prefixes that Azure will route to the on-premise location. None of the subnets of the on-prem network can overlap with the virtual network subnets that are connected to on Azure.

Overview

Maxprocloud has exposed a cross-premises Azure virtual network for the Customers to extend their network to include subnets and virtual machines hosted in MAXPRO Cloud infrastructure services. This connection lets ENVR devices on your on-premises network to securely access MAXPRO Cloud services in Azure and vice versa.

The virtual machines in Azure don't have to be isolated from your on-premises environment. To connect Azure virtual machines to your on-premises network resources, you must configure a cross-premises Azure virtual network.

The setup consists of the following components:

1. You must ensure to have a compatible VPN device . For more information about compatible VPN devices and device configuration, view the compatible list at <https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-vpn-devices>
2. Ensure you have an externally facing public IPv4 address for the VPN device.
3. MAXPRO Cloud Techsupport team shall share PSK (Pre-Shared Key) and Public IP4 address to connect MAXPRO Cloud VPN tunnel, which customer need to configure on the VPN gateway setup.
4. Ensure Device are connected to MAXPRO Cloud through VPN Network.

Note: Ensure that none of the subnets of your on-premises network can overlap with the **azure** virtual network subnets which will be provided by MAXPRO Cloud Techsupport team.

Recommendations

NOTE:

For more information VPN Gateway, refer to <https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-vpngateways>.

The following recommendation is applicable for the listed scenario.

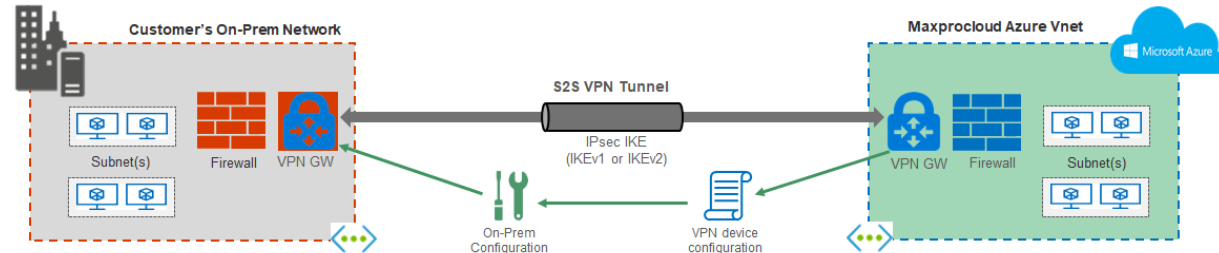
Scenario

MAXPRO Cloud support VPN gateway sends and receives encrypted traffic between MAXPROCloud Azure virtual network and MAXPRO Cloud customer on-premises Network

Current



Honeywell Recommended





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