

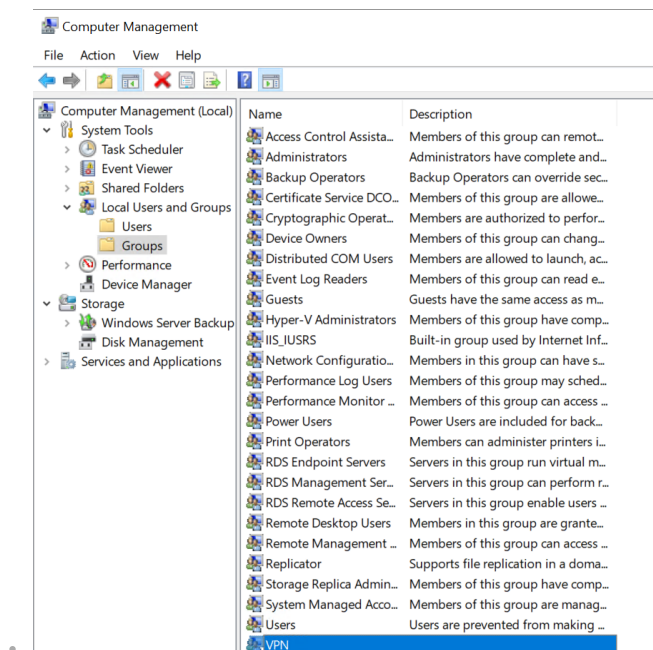
Radius Authentication

Pre-requisites

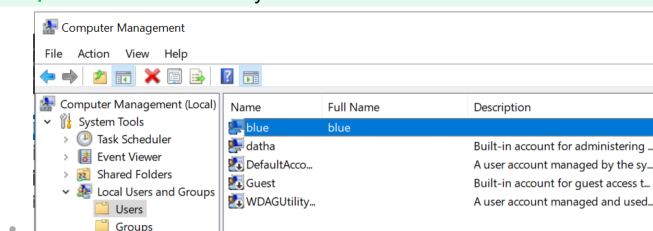
- A RouteBased VPN gateway.
- A **#RADIUS** server to handle user authentication.
 - The RADIUS server can be deployed on-premises, or in the Azure VNet.
 - You can also configure two RADIUS servers for high availability.
- The VPN client profile configuration package is a package that you generate. It provides the settings required for a VPN client to connect over P2S.

Radius Server Configuration

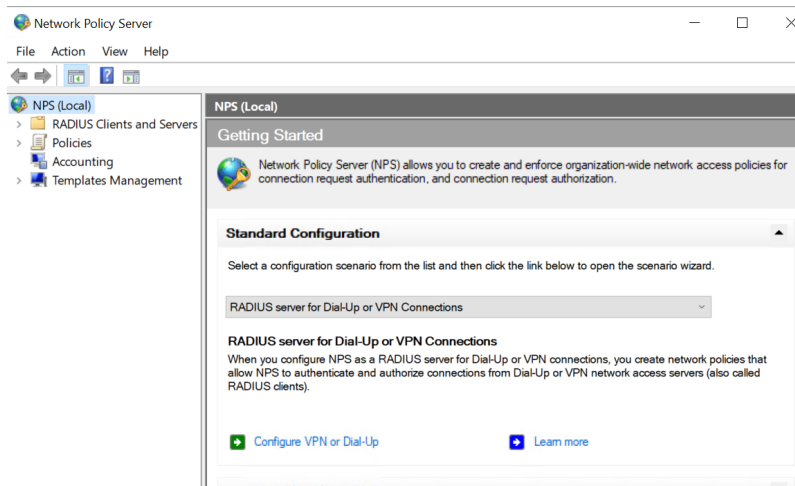
- Go to tools
- Computer Management
 - Local users and Groups
 - Groups
 - Add a New Group
 - VPN



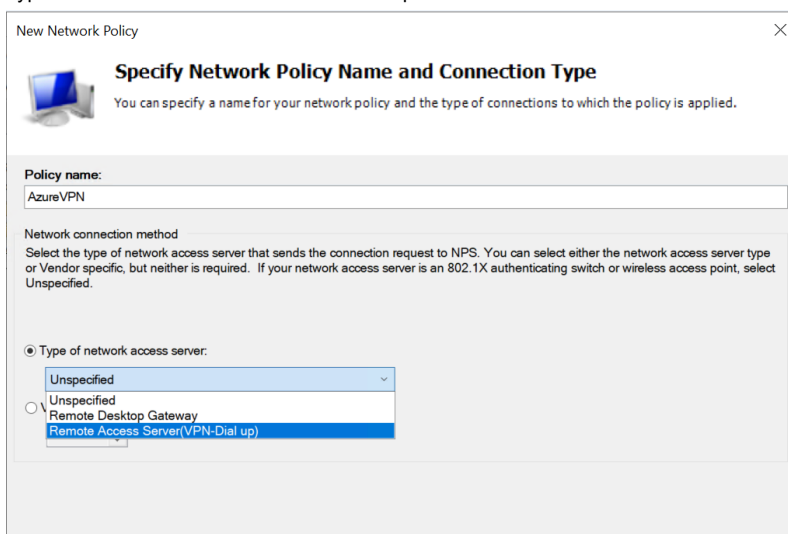
- Users
 - Add a New User
 - **! Username: Blue**
 - **! Password: donotshare@Radius**
 - **\$ These are used when you download VPN client.**



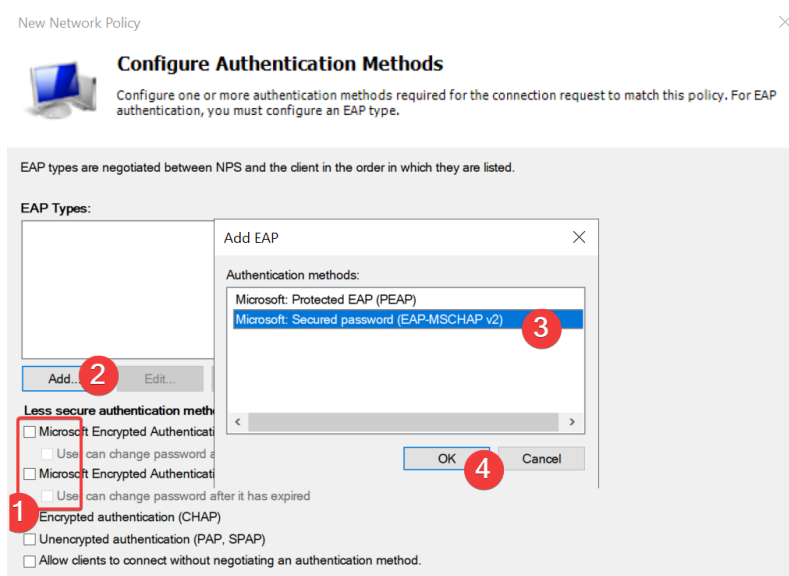
- Add the new user to the new group
- Manage > Add Roles and Features
- Install Network Policy and Access Services Tools
- Tick the Restart the destination server automatically if required in Conformation tab
- Install
- Go to Tools > Network Policy server



- We will create a policy to allow the Remote network access to the users in the newly created group VPN.
- Policies > Network-policies > new.
 - policy name - AzureVPN
 - Type of network access server - VPN-Dial up



- Next
- Add a condition
 - Add user Groups
 - Add the group you have created

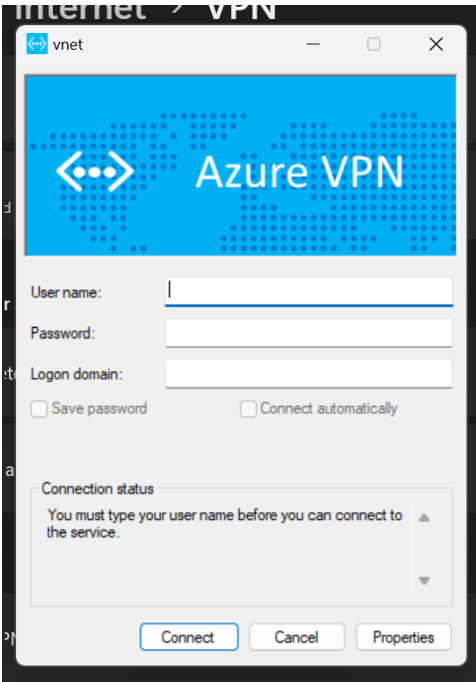


- Confirm that your new policy has been created

- Create a new Radius Client
 - Click on Radius Clients and Servers
 - new
 - Friendly-name : Radius Client
 - Address (IP or DNS): enter the subnet of Vnet Gateway
 - **! Shared secret (remember it): -----**
 - **\$ used when you configure P2S in Vnet Gateway**

- Configure point 2 site in Vnet gateway.
- Authentication type : RADIUS authentication
- Primary Server IP address : RADIUS configured VM Private IP address.
- Save it and download VPN client.

- From Local server, hit the RDP of internal Host private IP. It will open.



Things to Remember

- Use VPN-client application which you have downloaded from Microsoft Store.
- That application is only used for AD authentication, Not for certificate authentication and Radius Authentication.