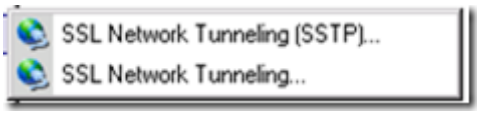
UAG – VPN access configuration

As you may already know ForeFront UAG is a solution to publish applications to external users.

It may also be used as VPN access point.

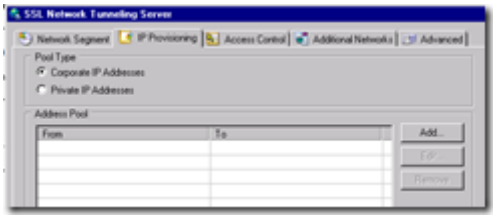
With UAG, you have 2 different ways to enable and configure VPN access:

- SSL Network Tunneling (SSTP)
- SSL Network Tunneling



Mainly, both are working in the same way BUT there is some key differences:

- DHCP can not be used with SSL Network Tunneling for providing IP configuration to remote client; you have to define a static pool as well as the IP configuration (DNS, gateway) – of course, this doesn't change anything when UAG is working within an array

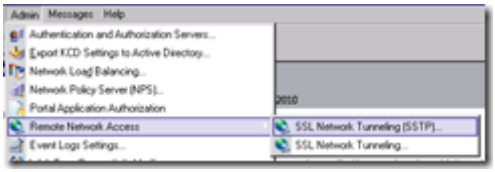


- VPN access can be published through the UAG portal with SSL Network Tunneling (SSTP)

It this post I'll show you how to enable and configure VPN access for portal publication and SSTP connection.

1. Enable VPN access

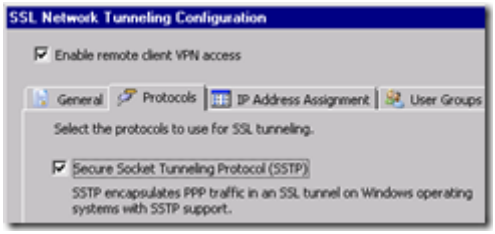
1.1 Launch the UAG Management console and open the **Admin** menu and choose **Remote Network Access\SSL Network Tunneling (SSTP)**



1.2 Tick the box **Enable remote client VPN access**

1.3 Select the portal trunk which will host the VPN access – you can't select an HTTP trunk, and define the number of maximum VPN client allowed

1.4 To allow the use of SSTP, tick the check box on the Protocols tab; this will allow end user to manually create a VPN connection (using SSTP)



1.5 Finally, define the IP configuration assignment (static pool or DHCP)

1.5 The last tab (User Group) is to defined which user group is allowed to use VPN connection; this has to be defined if your end user will configure manually the VPN connection (through the Network Center\Connect to a network).

Ok, your UAG is now configured to allow VPN access. Your end user can now created manually the VPN connection on their laptop based on the configuration you will provide to them.

Take in mind that this is a 'classical' VPN client and server configuration. I would recommend to continue with step 2 and inform your end user to use the UAG portal for VPN remote connection.

2. Publish and configure Remote Access through the UAG portal

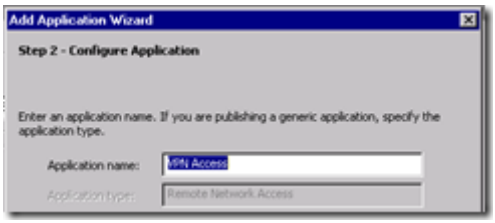
As shown on step 1, we have enabled VPN access on UAG BUT there is no UAG endpoint policy applied with this step.

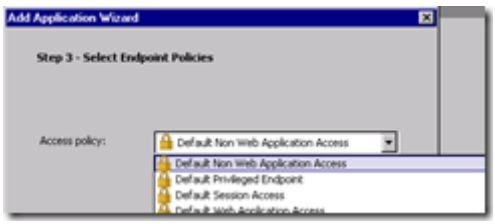
To implement and manage specific endpoint policy, you have to publish the remote access to the UAG portal and use it as a connection point.

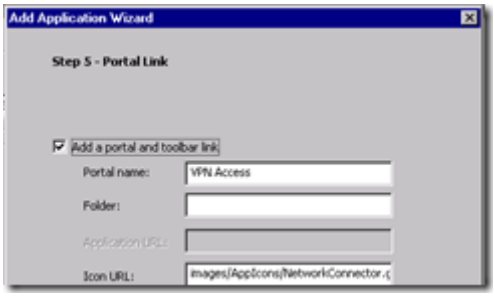
2.1 Still on the UAG management console, browse to your HTTPS trunk (the one defined during step 1.3) and add an application to the portal and select **Client/Server and legacy – Network Access**

2.2 Follow the application publication wizard (name the application, select an endpoint policy, add to the portal…)

Don’t modify the settings shown during the step 4 (Configure server settings); except if you want to start the connection when the user logon on



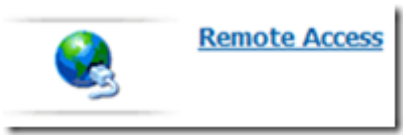




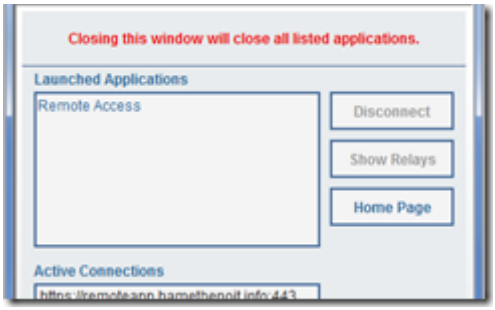
2.3 Once the application has been published on the portal, open his properties and go to the **Client settings** tab to define how it will work

- **Disabled**: that's mean NO remote access will be allowed – even if you try to connect using 'a manual' VPN connection
- **Basic**: none of the applications that load the LSP or NSP modules are enabled access to configured corporate resources, unless the Forefront UAG SSL Application Tunneling component is running, and at least one tunnel is open
- **Extended**: this mode is identical to the Basic mode, except that Windows services are enabled access to configured corporate resources
- **VPN**: In this mode, the LSP and NSP modules are always active in all applications; that is, access is enabled to configured corporate resources except for the applications listed in the block list

After activating the configuration, a remote access application is available through the UAG portal




The SSL Application Tunneling Java component is loading...
If a security warning prompts you to trust a signed applet distributed by Microsoft Corporation, click Yes.


Closing this window will close all listed applications.
Launched Applications
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