

How to Configure SSL VPN Access via DynDNS

<https://campus.barracuda.com/doc/48660716/>

You can configure SSL VPN connections to use a DynDNS hostname on the Barracuda NextGen Firewall X-Series instead of an IP address. To enable access to the SSL VPN portal via a DynDNS hostname, enable the DynDNS service. Then, configure an access rule that redirects HTTPS traffic to the SSL VPN service.

Before you begin

- Configure the SSL VPN service. For more information, see [How to Enable SSL VPN and CudaLaunch](#).
- On the **VPN > Settings** page, in the **Global Server Settings** section, verify that **Use TCP Port 443** is set to **No**.

Step 1. Configure VPN access via a DynDNS hostname

To allow SSL VPN access via a dynamic DNS hostname:

1. Go to **NETWORK > IP Configuration**.
2. In the **Dynamic Interface Configuration** section, enable **Use Dynamic DNS** for the required interface.

Step 2. Create an access rule to redirect SSL VPN traffic

Create a **Redirect to Service** access rule that redirects incoming VPN connections on the dynamic interface to the SSL VPN service:


1. Go to the **FIREWALL > Firewall Rules** page.
2. Add an access rule with the following settings:
 - **Name** – Enter a name for the access rule. For example, **Redirect-to-SSL-VPN**.
 - **Action** – Select **Redirect to Service**.
 - **Source** – Select **Internet**, and click **+**.
 - **Redirected To Service Details** – Select **SSL VPN**.
 - **Destination** – Select the network object representing your incoming Internet connection, and click **+**.

Add Access Rule ?

General **Advanced**

Action:

Redirect to Service



*DNAT (port forwarding) - Redirect traffic to a specific IP address.
Redirect to Service - Redirect traffic to a service on the Barracuda Firewall.
Bi-directional - Source and destination networks are interchangeable.*

Name:

Redirect-to-SSL-VPN

Description:

Connection:

Default (SNAT)

Adjust Bandwidth:

Internet

The interface must have bandwidth management enabled on the **NETWORK > IP Configuration** page for this policy to be applied.

Bi-directional:

☐ Yes ☒ No

Disable:

☐ Yes ☒ No

IPS:

☒ Yes ☐ No

Application Control:

☐ Yes ☒ No

URL Filter:

☐ Yes ☒ No

Virus Protection:

☐ Yes ☒ No

SSL Inspection:

☐ Yes ☒ No

URL Filter, Virus Protection and SSL Inspection depend on Application Control enabled. URL Filter and Virus Protection require a valid Web Security subscription.

Source

Any

Ref: Internet

☒ Network Objects ☐ IP Address ☐ Geo Loc.

Redirect to Service Details

SSL VPN

The following protocols and port/protocol combinations are automatically selected upon the chosen Service **SSL VPN**:
TCP 443

Destination

Barracuda Update Servers


Ref: DHCP1 Local IP

☒ Network Objects ☐ IP Address ☐ Geo Loc.

3. Click **Save**.
4. Drag and drop the access rule so that it is the first rule that matches the traffic you want to forward.
5. Click **Save**.

Step 3. Access the SSL VPN


End users can now access the SSL VPN portal page via the DynDNS hostname by opening <https://sslvpn/>.





Login


Log in


Welcome to the SSL VPN portal page.
From here you can get access to the applications
and resources that have been assigned to you by
your IT administrator.




 Favorites

 Apps

 Folders



Exchange 2013
OWA



Example Web
Resource

Figures

1. ssl_von_config_02.png
2. web_01.png
3. web_02.png

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