

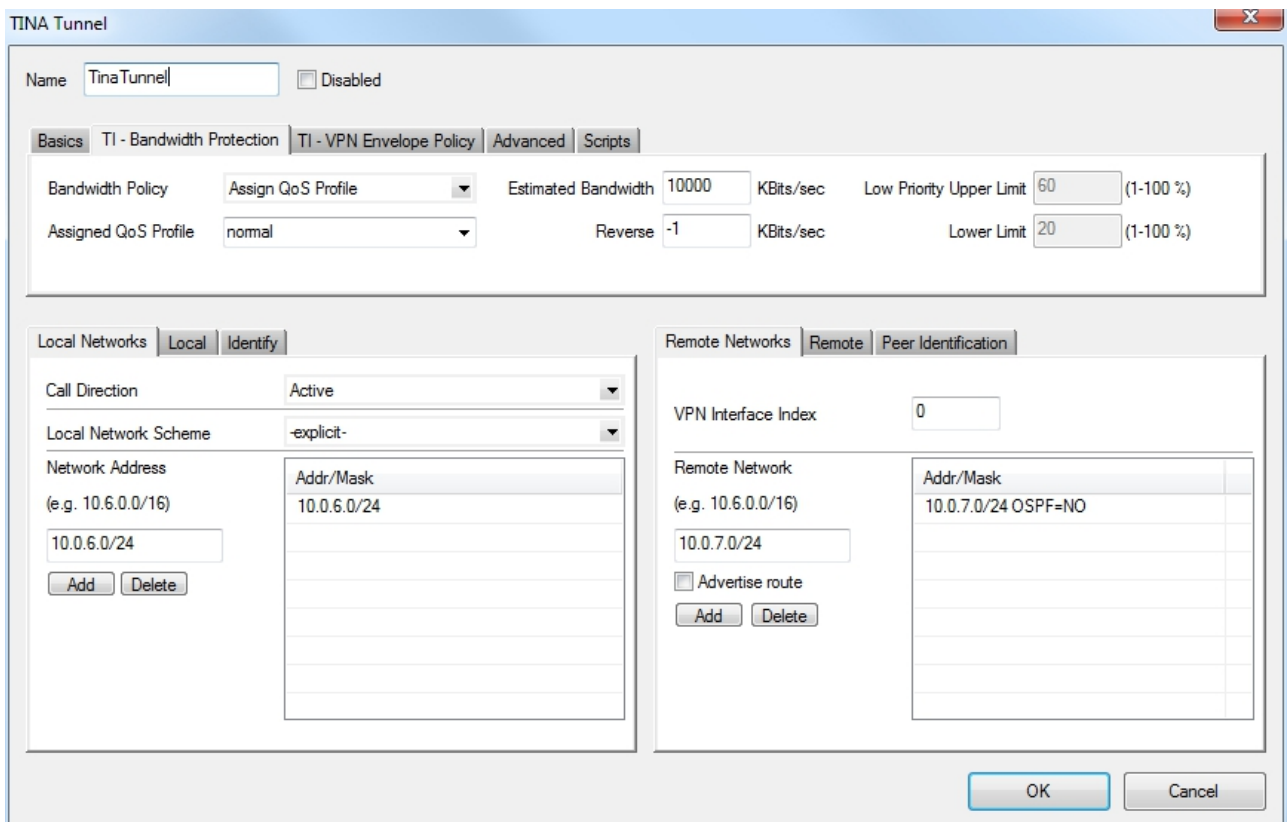
How to Apply Traffic Shaping to a VPN Tunnel

<https://campus.barracuda.com/doc/41115968/>

If you want to configure Quality of Service for a virtual interface as in this example, a VPN tunnel, adapt the traffic shaping configuration.

Assign a QoS Profile to a VPN Tunnel

1. [Create a TINA VPN Tunnel](#).
2. Configure the traffic shaping settings.
 - To configure basic traffic shaping settings with the **Basic profile** template, see [How to Configure Basic Traffic Shaping](#).
 - To configure advanced traffic shaping settings, see [How to Create a QoS Profile](#).
3. Open the **Site to Site** page (**Config > Full Config > Box > Virtual Servers > your virtual server > Assigned Services > VPN-Service > Site to Site**).
4. Open the **TINA Tunnel** configuration window.
5. Click the **TI - Bandwidth Protection** tab.



The screenshot shows the 'TINA Tunnel' configuration window. The 'TI - Bandwidth Protection' tab is active. The 'Bandwidth Policy' is set to 'Assign QoS Profile', 'Estimated Bandwidth' is 10000 KBits/sec, 'Low Priority Upper Limit' is 60 (1-100 %), 'Assigned QoS Profile' is 'normal', 'Reverse' is -1 KBits/sec, and 'Lower Limit' is 20 (1-100 %). The 'Local Networks' section has a table with one entry: 10.0.6.0/24. The 'Remote Networks' section has a table with one entry: 10.0.7.0/24 OSPF=NO. The 'Advertise route' checkbox is unchecked.

6. From the **Bandwidth Policy** list, select *Assign QoS Profile*.
7. From the **Assigned QoS Profile** list, select your QoS profile.
8. In the **Estimated Bandwidth** field, enter the maximum rate for outbound traffic in KB/s. If you

enter 0, no shaping occurs.

9. In the **Reverse** field, enter the maximum rate of inbound traffic in KB/s. If you enter -1, the same maximum rate is used for outbound and inbound traffic.
10. Click **OK**.
11. Click **Send Changes** and **Activate**.
12. Create the firewall rules for the VPN tunnel traffic. For more information, see [How to Create Access Rules for TINA Site-to-Site VPN Access](#).

Figures

1. qos_tina.png

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