

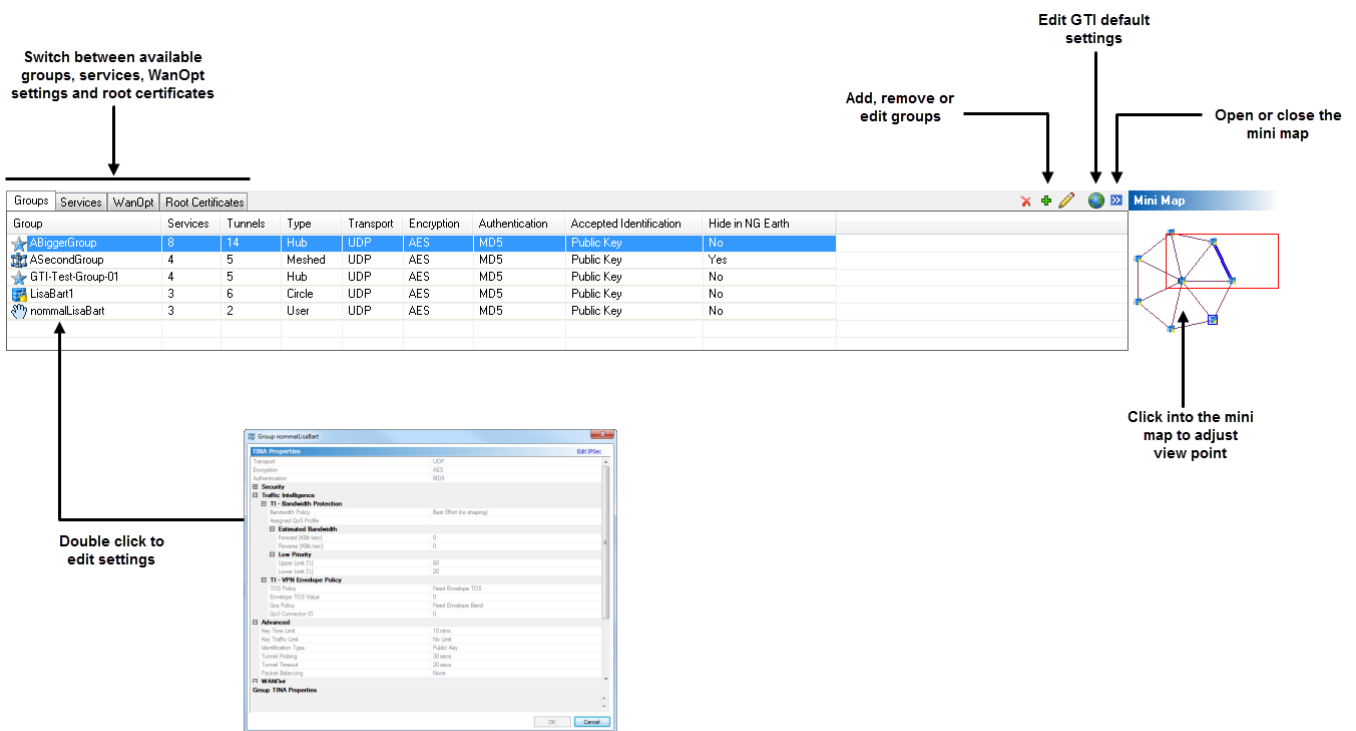
# CC VPN GTI Editor User Interface

<https://campus.barracuda.com/doc/43847108/>

The **VPN GTI Editor** page provides an easy way to create VPN site-to-site tunnels and displays VPN tunnels that are created on a graphical interface. The page layout is divided into two main sections:

## Details Section

The upper section of the **VPN GTI Editor** page displays all VPN groups, VPN services, WAN Optimization, and VPN root certificates that have been configured in the Barracuda NG Control Center.








Group	Services	Tunnels	Type	Transport	Encryption	Authentication	Accepted Identification	Hide in NG Earth
ABiggerGroup	8	14	Hub	UDP	AES	MD5	Public Key	No
ASecondGroup	4	5	Meshed	UDP	AES	MD5	Public Key	Yes
GTI-Test-Group-01	4	5	Hub	UDP	AES	MD5	Public Key	No
LisaBart1	3	6	Circle	UDP	AES	MD5	Public Key	No
nommaLisaBart	3	2	User	UDP	AES	MD5	Public Key	No

All information displayed in the **Details** section is arranged by tabs:

### Groups Tab

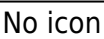
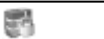

- **Group** - Name of the VPN group. An icon indicates how the VPN tunnels are configured and placed in the canvas map.

Icon	Description
	Meshed topology.
	Meshed topology with user-defined placement.
	Not meshed, hub or user-defined placement.
	Hub topology without user-defined placement.
	User-defined topology. If active, you can drag and drop the according VPN service inside the canvas map.

- **Services** - Number of services that are part of this group.
- **Tunnels** - Number of tunnels within the group.
- **Type** - Group topology.
- **Transport** - Transport protocol used.
- **Encryption** - Encryption method used.
- **Authentication** - Packet header authentication used/required.
- **Accepted Identification** - Identification method used/required.
- **Hide in NG Earth** - Visible/hidden in Barracuda NG Earth.

#### Services Tab

- **Server** - Name of the virtual server this VPN service belongs to.

	The VPN service was not added to the GTI or is not part of any group.
	External VPN service.
	The service is added to the GTI.

You can set a custom icon for a VPN service by double-clicking the according service. Clicking the **Icon** hyperlink allows you to select a custom icon for the service.

- **#Groups** - Amount of groups this VPN service is used in.
- **Groups** - Name of groups this VPN service is used in.
- **Range** - Range this VPN service is used in.
- **Cluster** - Cluster this VPN service is used in.
- **Service** - VPN service name.
- **Internal Name** - Internal service name.

#### WanOpt Tab

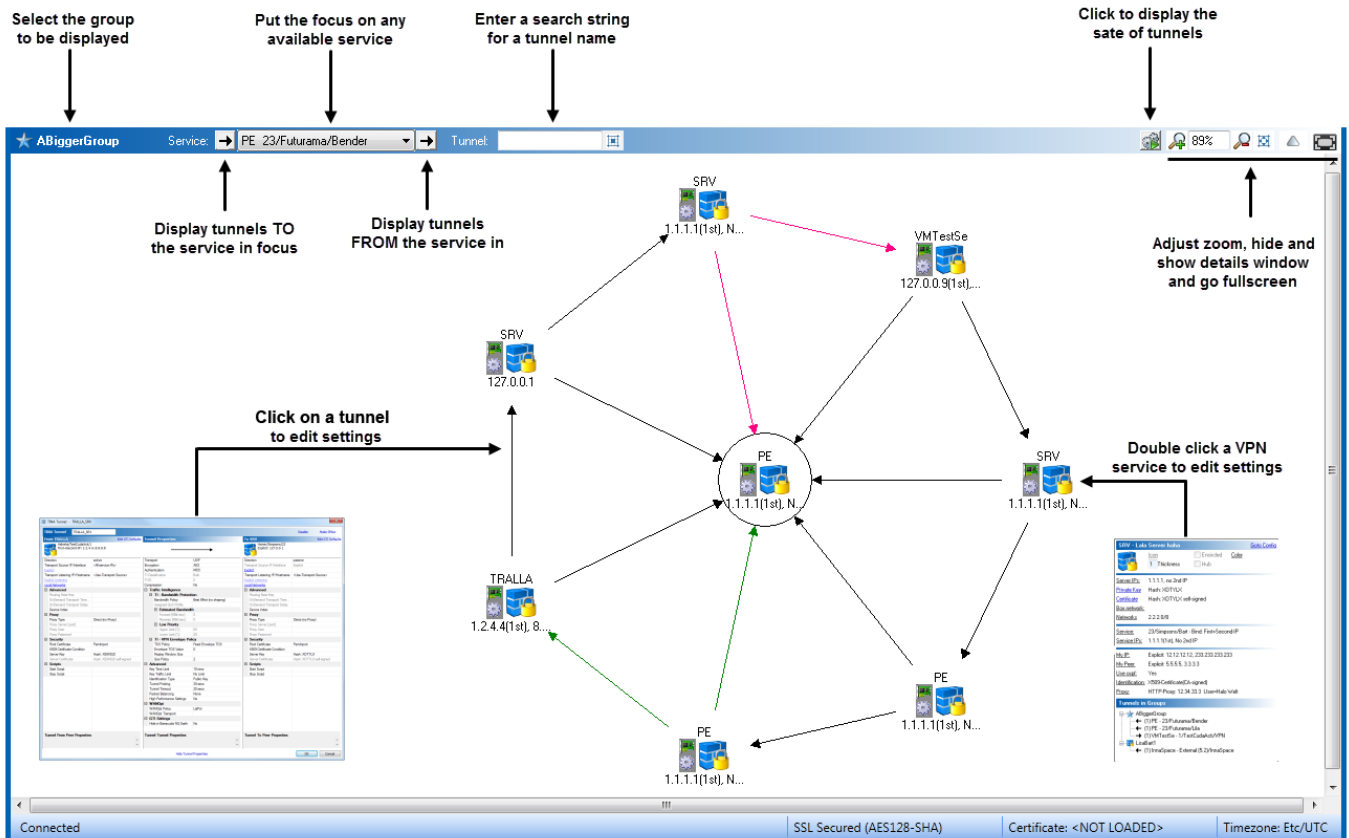
This tab contains the Wan Optimization policies. For further details on how to configure WanOpt, refer to [How to Configure WAN Optimization Policies](#).

#### Root Certificates Tab

This tab contains the VPN root certificates that have been configured in the Barracuda NG Control Center. For further details on how to configure VPN root certificates, refer to [How to Set Up VPN Certificates](#).

## Canvas Section

The lower section of the **VPN GTI Editor** page displays each Barracuda NG Firewall that has been configured in the VPN group. You can create VPN tunnels by dragging a system to its peer.



The screenshot shows the VPN GTI Editor interface with the following annotations:

- Select the group to be displayed:** Points to the "ABiggerGroup" dropdown menu.
- Put the focus on any available service:** Points to the "Service: FE\_23/Futura/Bender" dropdown menu.
- Enter a search string for a tunnel name:** Points to the "Tunnel:" search input field.
- Click to display the state of tunnels:** Points to the "Tunnels" button in the top right.
- Display tunnels TO the service in focus:** Points to the "Display tunnels TO" button.
- Display tunnels FROM the service in focus:** Points to the "Display tunnels FROM" button.
- Adjust zoom, hide and show details window and go fullscreen:** Points to the zoom and window control icons in the top right.
- Click on a tunnel to edit settings:** Points to a tunnel in the network diagram.
- Double click a VPN service to edit settings:** Points to a VPN service icon in the network diagram.

The network diagram shows a central PE node (1.1.1.1(1st), N...) connected to several other nodes: SRV (127.0.0.1), SRV (127.0.0.9(1st)...), TRALLA (1.2.4.4(1st), 8...), and two other PE nodes (1.1.1.1(1st), N...). Tunnels are represented by lines connecting these nodes, with arrows indicating direction.

After creating VPN tunnels, you can view the following information about the tunnels:

- **VPN service name** – The name is formatted as *service-name/cluster/range*.
- **Configured Server IP Addresses** – Optionally, explicit service IPs
- **Status** – The status of the VPN tunnel is indicated by the following colors:
  - black – Enabled tunnel
  - grey – Disabled tunnel
- **Protocol** – The protocol of the VPN tunnel is indicated by the following lines:
  - solid line – TINA tunnel
  - dotted line – IPsec tunnel
- **Direction** – The direction of the tunnel is indicated by an arrow to the designated tunnel endpoints. The direction of the arrows also indicate the tunnel type:
  - Tunnels flagged with one arrow tip – Active-passive tunnel (the arrow points to the passive tunnel endpoint)
  - Tunnels flagged with arrow tips on both ends – Active-active tunnel

## Figures

1. Details-Window.png
2. Icon-Service-Placement-Meshed-User.png
3. Icon-Meshed.png
4. Icon-Service-Placement-Normal.png
5. Icon-Service-Placement-Hub.png
6. Icon-Service-Placement-User.png
7. Icon-Server-grey.png
8. Icon-Server-blue.png
9. Canvas.png

© Barracuda Networks Inc., 2019 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.