

Official Tech Documents
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Firewall HotBrick VPN 800/2

How To

How to create Groups, Block URLs and Bind Ports on the VPN 800/2

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How to create Groups, Block URLs and Bind Ports on the VPN 800/2

To insure this procedure works, we will assume that the appliance has already been configured and is working properly on the local network and the internet.

This document may contain some illustrations that may not match your product because screens may vary depending on the firmware version.

In case of problems, please contact support at Hotbrick's website:

www.hotbrick.com/support.asp.

How to use HotBrick's URL Filter to block undesirable sites by groups

The Hotbrick VPN 800/2 has 5 different groups. These groups are part of the product's base functionality and control the permission level imposed by the administrator.

The custom groups consist of Group1, Group2, Group3 and Group4. The fifth group is the "Default" group. If the group is not specified, the computer will belong to the default group.

To block the undesirable URLs by groups, follow this procedure:

- Access the Hotbrick Graphical User Interface;
- Click "Advanced Setup";
- Click "Host IP".
- Select the group, associating the CPUs by the MAC Address* and by the Local IP address that could be reserved using DHCP. If the network uses static IP addresses, the CPU's information will have to be typed manually.
- Click "Add".

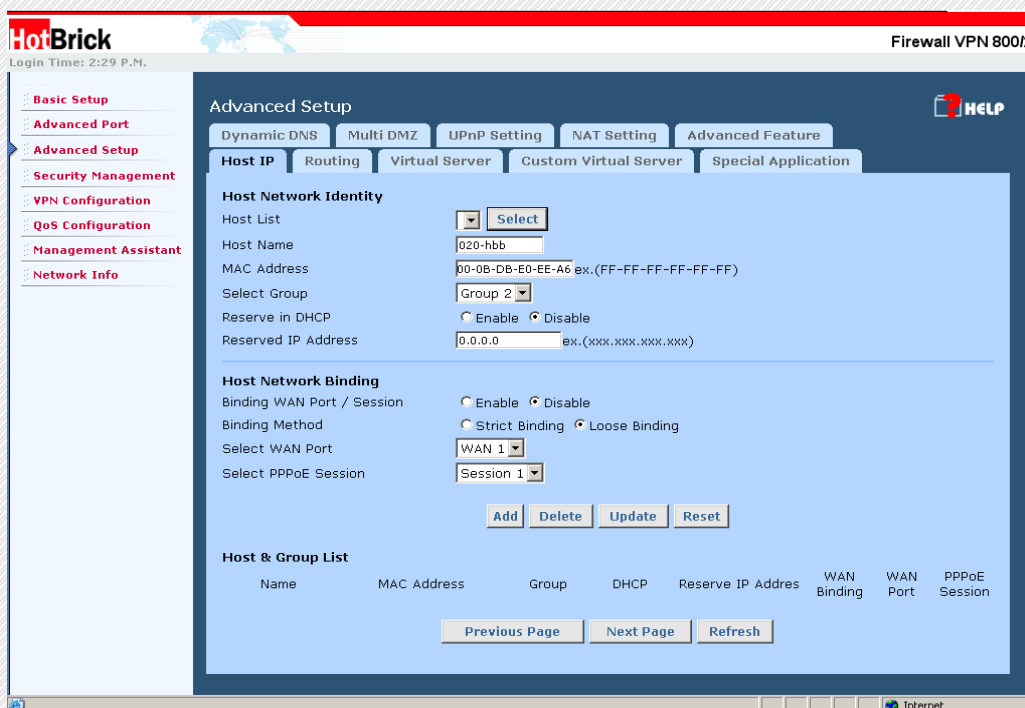


Fig. 1: User

Groups Creation

After you have placed the CPUs into groups, create the rules to block the URLs:

- Click "Security Management";
- Click "Block URL";
- Under "Access Group", select the group that will have access blocked;
- Scroll down to "Block Internet Access"; confirm that "Enable" is checked;
- Under "URL/IP/Keyword Blocked On Web Site", input the URLs, IP addresses or Keywords (Keyword - separating by asterisks, for example: *playboy*) will be blocked.
- Click "Submit" to finish.

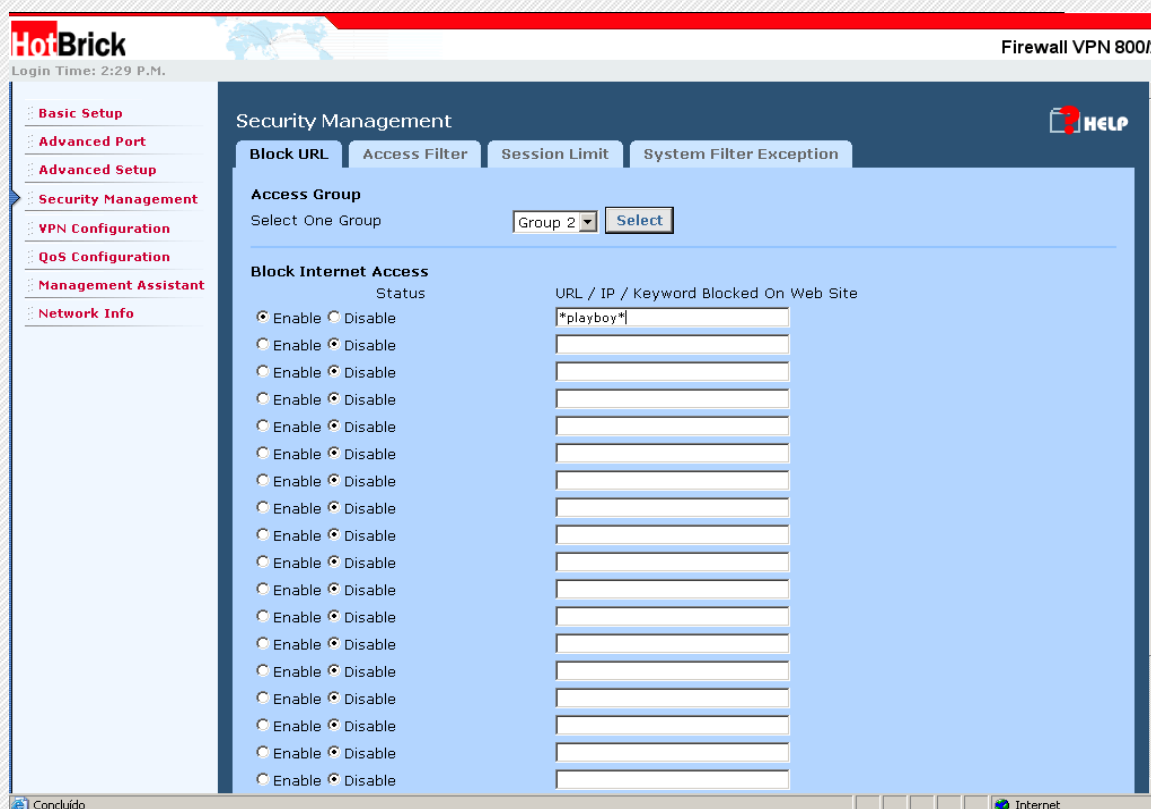


Fig. 2: Access Group Creation

*MAC Address (**Media Access Control address**), is identified by a unique address by the host (PC, Server) and is considered the "ID" of a computer on the network (internet). That is, it is a unique address composed of 6 pairs of letters and numbers that vary from 0 to 9 and from A to F (hexadecimal values), for example: 00-0B-CB-BD-0B-45. These addresses are unique.

How to block services such as MSN Messenger with HotBrick for groups of Users

The Hotbrick VPN 800/2 has 5 different groups. These groups are already available on the products and determine the permission level imposed by the administrator.

The groups are Group1, Group2, Group3 and Group4 and the fifth group is the "Default" group. If a computer does not belong to a specific group, it belongs to the default group.

To block the undesirable URLs by groups, follow this procedure: (Fig. 1)

- Access the Hotbrick Graphical User Interface;
- Click "Advanced Setup";
- Click "Host IP".
- Select the group, associating the CPUs by the MAC Address and by the Local IP address that can

be reserved with DHCP. If the network has static IP addresses, the CPU's information will have to be typed manually.

-Click "Add".

After adding the CPUs to the groups, create the rules to block the port:

- Click "Security Management";
- Click "Access Filter" and block the access, selecting by the Group;
- Scroll down to "User Defined Ports to Block";
- Under "Name", input the service name "MSN";
- Under "TCP/UDP Packets", select the TCP protocol;
- Under "Port number Range", input the range with the port 1863~1864;
- Click "Submit";

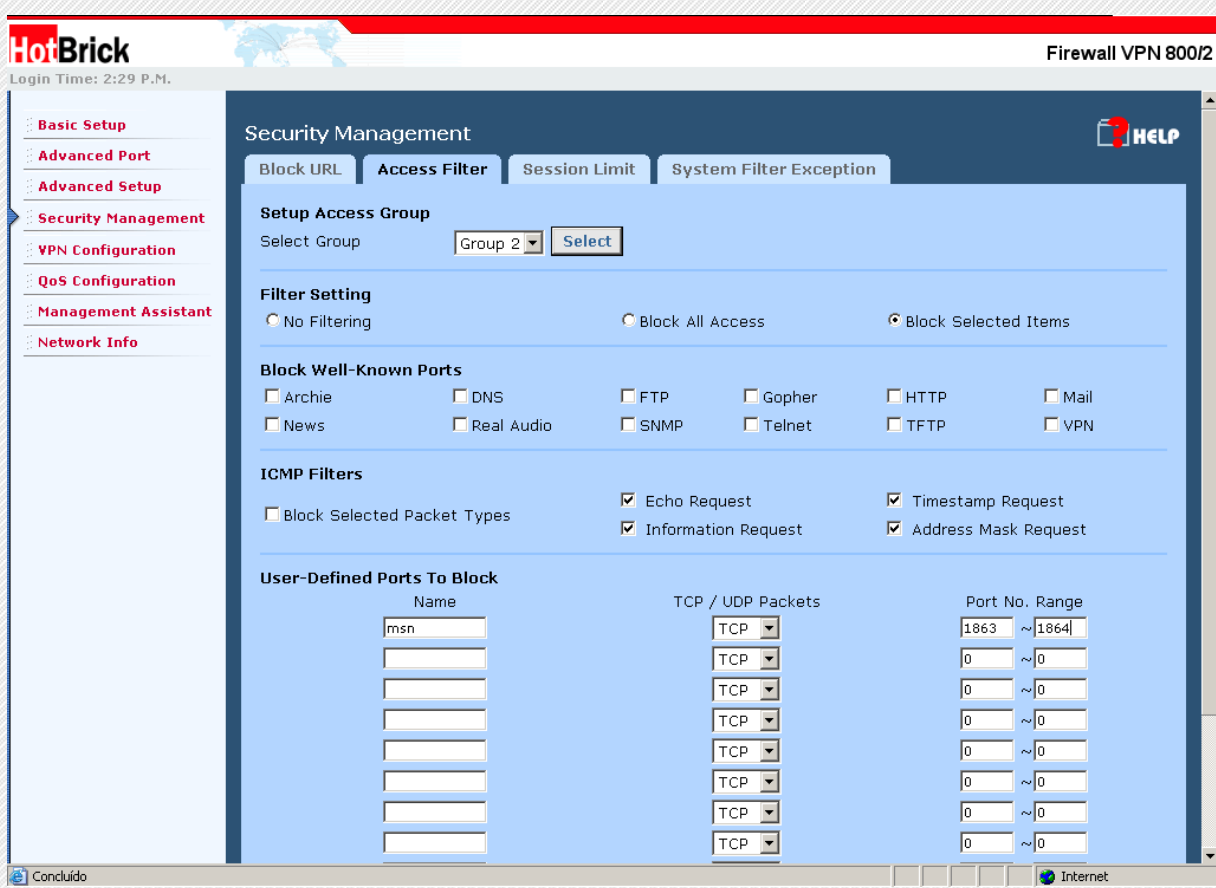


Fig. 3: Port Binding of MSN Ports

After you blocked the port, block the URLs, which use port 80:

- Click "URL Filter";
- Click "Block Internet Access";
- Under "Access Group", select the group that will have the access denied;
- Under "Block Internet Access", certify that the option "Enable" is checked;
- Under "URL/IP/Keyword Blocked On Web Site", input the URLs:
 - * gateway.messenger;
 - * baym-gw*msgr.hotmail.com;
 - * e-messenger;
 - * webmessenger.msn.com;
- Click "Submit".

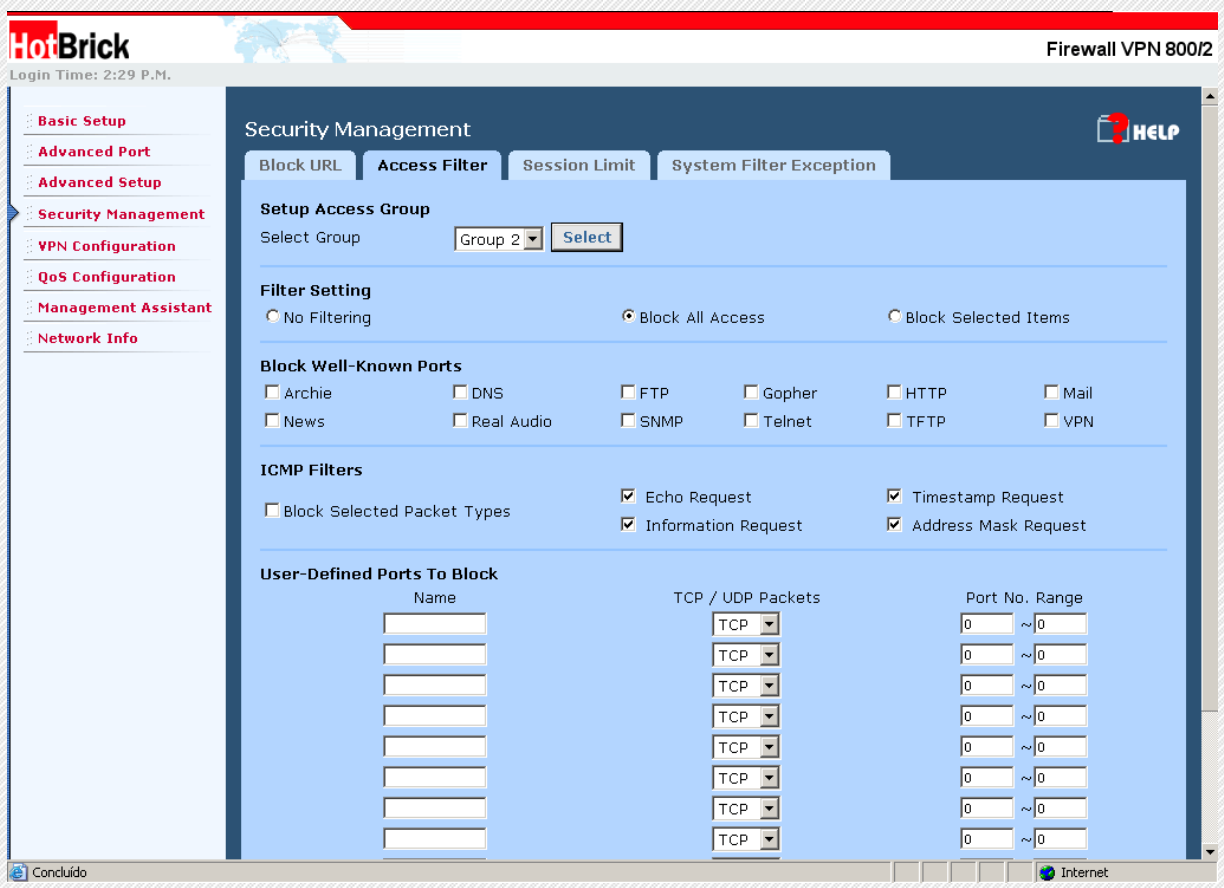


Fig. 5: Total Access Block