

Conversion Tool for Migrating to Email Gateway Defense

<https://campus.barracuda.com/doc/96023062/>

This article describes Barracuda Networks' [conversion tool](#) that you can use to migrate configurations from Barracuda Email Security Gateway to Email Gateway Defense.

Important: Note that the conversion tool performs only *one* of the required steps of the migration process.

Refer to [Moving from Barracuda Email Security Gateway to Email Gateway Defense](#) for the complete migration process, including steps to take both before and after using this conversion tool.

The conversion tool can be used for the **Convert and Import Configurations** step of the migration process, converting existing Barracuda Email Security Gateway account configurations to a format compatible with Email Gateway Defense. Using the tool is optional. You can also convert your configurations manually.

The home page of the conversion tool is shown here, and step by step instructions follow.

FilterFixer Dedupe IP Filters Sender Filters Recipient Filters Content Filters Attachment Filters

Easily migrate filters from BESG to BESS

This site will change the formatting from BESG style to BESS style, sorting the output and removing duplicates.

Usage:

1. Copy the filter you are looking to move from the Bulk Edit section of the appliance
2. Paste the list into the text box for the corresponding filter. If just looking to remove duplicates, use the Dedupe page
3. Hit Convert
4. Copy and paste the resulting filter into ESS bulk edit page

Notes:

- Allowed and blocked lists for IP and Sender filters can be added at the same time, they will be combined into a single list
- Any Recipient block entries will be removed as these are not supported by BESS
- Tag will always be changed to Quarantine and filters not supporting Quarantine will be set to Block instead

Report bugs to egillett@barracuda.com

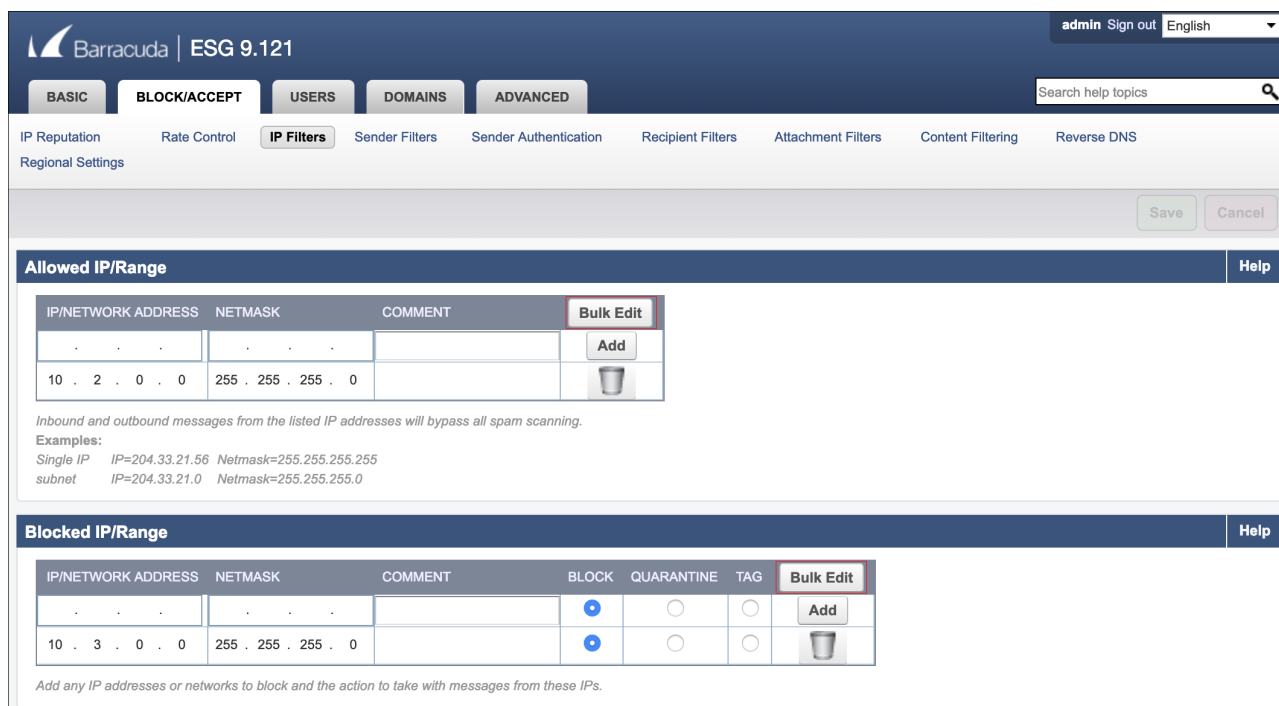
As shown in the tabs across the top of the window, the conversion tool handles the following conversions:

- IP Filters
- Sender Filters
- Recipient Filters
- Content Filters
- Attachment Filters

Converting IP Filters

This section provides a step by step description of how to convert IP filters. You can refer to the instructions in this section for converting other configurations listed above.

1. In the Barracuda Email Security Gateway, navigate to **Block/Accept > IP Filters**.



The screenshot shows the Barracuda ESG 9.121 web interface. The 'IP Filters' tab is selected under the 'BLOCK/ACCEPT' section. The 'Allowed IP/Range' table contains one entry: IP 10.2.0.0 with netmask 255.255.255.0. The 'Blocked IP/Range' table contains one entry: IP 10.3.0.0 with netmask 255.255.255.0, with 'BLOCK' and 'QUARANTINE' options. Both tables have a 'Bulk Edit' button highlighted with a red box.

Allowed IP/Range

IP/NETWORK ADDRESS	NETMASK	COMMENT	Bulk Edit
10 . 2 . 0 . 0	255 . 255 . 255 . 0		<input type="button" value="Add"/>

Inbound and outbound messages from the listed IP addresses will bypass all spam scanning.
Examples:
Single IP IP=204.33.21.56 Netmask=255.255.255.255
subnet IP=204.33.21.0 Netmask=255.255.255.0

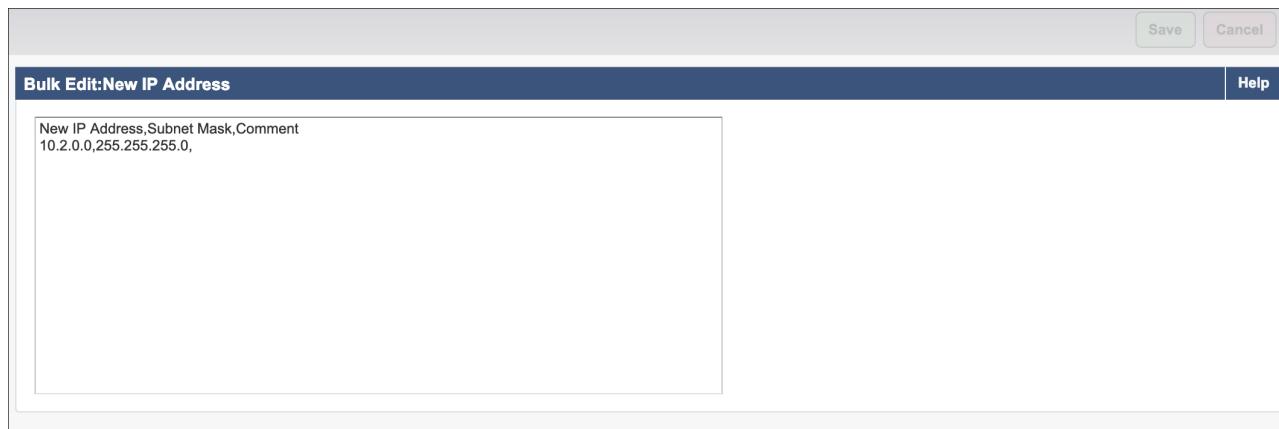
Blocked IP/Range

IP/NETWORK ADDRESS	NETMASK	COMMENT	BLOCK	QUARANTINE	TAG	Bulk Edit
10 . 3 . 0 . 0	255 . 255 . 255 . 0		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="button" value="Add"/>

Add any IP addresses or networks to block and the action to take with messages from these IPs.

2. Click **Bulk Edit** for **Allowed IPs**, **Blocked IPs**, or both. Copy the configurations you want to migrate from the **Bulk Edit** text box onto your clipboard.

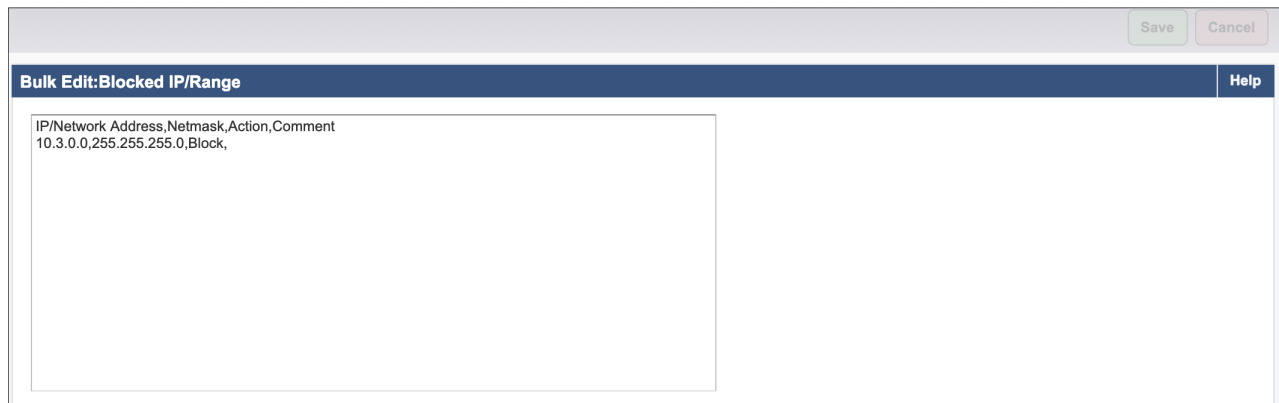
Bulk Edit for Allowed IPs



The 'Bulk Edit:New IP Address' form contains a text box with the following text:

New IP Address,Subnet Mask,Comment
10.2.0.0,255.255.255.0,

Bulk Edit for Blocked IPs



The 'Bulk Edit:Blocked IP/Range' form contains a text box with the following text:

IP/Network Address,Netmask,Action,Comment
10.3.0.0,255.255.255.0,Block,

3. Open the [conversion tool](#). Select the **IP Filters** tab. Paste the copied configurations into the blank text box.

FilterFixer Dedupe **IP Filters** Sender Filters Recipient Filters Content Filters Attachment Filters

IP filters

New IP Address,Subnet Mask,Comment
10.2.0.0,255.255.255.0,
IP/Network Address,Netmask>Action,Comment
10.3.0.0,255.255.255.0,Block,

- **Required formatting:**
IP/Network Address,Netmask,Comment
IP/Network Address,Netmask>Action,Comment
- You *may* enter allowed and blocked filters together

Convert

4. Click **Convert** to view the new format.

FilterFixer Dedupe **IP Filters** Sender Filters Recipient Filters Content Filters Attachment Filters

IP filters

10.2.0.0,255.255.255.0,exempt,
10.3.0.0,255.255.255.0,block,

- **Required formatting:**
IP/Network Address,Netmask,Comment
IP/Network Address,Netmask>Action,Comment
- You *may* enter allowed and blocked filters together

Total duplicate entries removed: 0

- No duplicates found

Convert

5. Select and copy the entries in the text box.

6. In *Email Gateway Defense*, navigate to **Inbound Settings > IP Address Policies**. In the **IP Blocking/Exemption** section, click **Bulk Edit**.

7. Paste the copied configurations for IP filters into the blank text box and click **Save Changes**.

Bulk Edit: IP Address Policies Cancel Save Changes

Bulk Edit allows you to perform multiple changes (additions, subtractions, modifications) to a list of configuration settings in one step.

Editing the CSV Data
Many columns can only accept specific forms of data. For instance, columns associated with email addresses must contain data that appears in the format of an email address. Some columns are associated with data that is optional or has associated default values, and may be left empty.

Note: Please make sure that the first line does not contain any valid data as it is not parsed. Use column titles on the first line if desired.

```
IP Address,Netmask,Policy (block, exempt),Comment (optional)
10.2.0.0,255.255.255.0,exempt,
10.3.0.0,255.255.255.0,block,
```

Your IP exemption policies appear in the Email Gateway Defense **IP Address Policies** page, as shown here.

IP Address Policies ?					Bulk Edit	
IP Blocking / Exemption						
IP Address	Netmask	Policy	Comment	Actions		
<input type="text"/>	<input type="text"/>	Block	<input type="text"/>	Add		
10.2.0.0	255.255.255.0	Exempt		Remove		
10.3.0.0	255.255.255.0	Block		Remove		
Trusted Forwarders						Bulk Edit
IP Address	Netmask	Comment	Actions			
<input type="text"/>	<input type="text"/>	<input type="text"/>	Add			

Remember to perform the steps required for migration, described in [Moving from Barracuda Email Security Gateway to Email Gateway Defense](#).

Figures

1. migrationToolOverview.png
2. 1.png
3. 1a.png
4. 1b.png
5. 2.png
6. 3.png
7. addressPolicies1.png
8. addressPolicies2.png

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