

How to Modify the Barracuda RBL Configuration in the SPAM Filter

<https://campus.barracuda.com/doc/41116092/>

Barracuda Networks provides a Realtime Blackhole List (RBL) that is by default added to the Spam Filter service rules. If you want to modify the RBL configuration by any means, you can use the instructions below.

For more information about the Spam Filter service, see [Spam Filter](#).

How to Edit the RBL in the Spam Filter Rules

1. Open the **SPAM Filter Settings** page (**Config > Full Config > Box > Virtual Servers > your virtual server > Assigned Services > SPAM-Filter**).
2. Click **Lock**.
3. Next to **RULES**, click **Edit**.
4. After modifying the code, click **OK**.
5. Click **Send Changes** and then click **Activate**.

Code for Directly Checking Sender IP Addresses

```
header IN_BCUDA_HOP rbleval:check_rbl('bcuda-notfirsthop',  
'b.barracudacentral.org') describe IN_BCUDA_HOP Received via a relay listed  
by Barracuda BRBL tflags IN_BCUDA_HOP net score RCVD_IN_BCUDA_HOP 1.00
```

Code for Checking Sender IP Addresses via Next Hop

```
header IN_BCUDA_RBL rbleval:check_rbl('bcuda', 'b.barracudacentral.org')  
describe IN_BCUDA_RBL Received via a relay listed by Barracuda BRBL tflags  
IN_BCUDA_RBL net header RCVD_IN_BCUDA_RELAY  
rbleval:check_rbl_results_for('bcuda', '127.0.0.2') describe  
RCVD_IN_BCUDA_RELAY BCUDA: relay ip is convicted spammer tflags  
RCVD_IN_BCUDA_RELAY net score RCVD_IN_BCUDA_RBL 1.00 score  
RCVD_IN_BCUDA_RELAY 1.00
```

This entry will be used when querying against DNS lists that contain dial-up IP addresses.

Example Script

In this example, the score value of "1" is used when the RBL matches. To make sure that the RBL is used, you may check the mail gateway log file for the following messages:

```
201003 31 11:54:06 Info +0200 212.227.126.171:51619 SPAM Report: * 1.0
IN_BCUDA_RBL RBL: Received via a relay listed by Barracuda BRBL 201003 31
11:54:06 Info +0200 212.227.126.171:51619 SPAM Report: * [xx.xx.xx.xx listed
in b.barracudacentral.org] 201003 31 11:54:06 Info +0200
212.227.126.171:51619 SPAM Report: * 1.0 RCVD_IN_BCUDA_RELAY RBL: BCUDA:
relay ip is convicted spammer 201003 31 11:54:06 Info +0200
212.227.126.171:51619 SPAM Report: * 0.0 HTML_MESSAGE BODY: HTML included in
message
```

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