

HOW TO WORK BARRACUDA SPAM FIREWALL

Barracuda spam firewall is filtering spam, "junk mail," from your email in-box. It looks for annoying ads or porn and puts it in your Barracuda quarantine in-box for you to decide what you want to do with it. When the Barracuda notice appears in your e-mail in-box, it will give you the opportunity to see what was put in your Barracuda in-box, where you can choose from the following: Delete it, deliver it, always deliver it or never get mail from that address again.

Barracuda e-mail notices are set to show up daily in your email in-box and let you know what was put in your Barracuda in-box. These notices are date sensitive, so delete any old ones and only use the newest one. If you accidentally delete one, don't worry, another will show up the next day.

Look at the barracuda email. It shows you what is in the quarantine in-box. Under that it says, TO VIEW YOUR ENTIRE QUARANTINE INBOX OR MANAGE YOUR PREFERENCES, [CLICK HERE](#). Click on the link that says, [CLICK HERE](#). It will take you to your quarantine in-box.

If it does not take you directly into your box, type your Goldrush e-mail address in username and the password Barracuda gave you. If you have misplaced the password Barracuda gave you, click on create new password and one will be e-mailed to the address you have typed above it. Go get the password, come back and then enter it.

Now you should be in the quarantine in-box. It will show you all the e-mail that Barracuda has marked as possible spam. You may see something that you wanted delivered. If you do, click in the box at the start of the message on the left to mark it. Then click "deliver." It will go to your regular e-mail where you can read it like normal. If something is from a friend, relative or you always want their email delivered, mark it and click on "white list." It will never filter e-mail from this address again. They will always go through to the regular e-mail. Any mail remaining that you do not want, mark them and hit delete. If you check the box next to the word DATE, it will mark them all. You can "teach" this system to do what you want it to do. If you hit Classify as Spam, it will learn that this type of mail is unwanted.

Now look at the tabs at the top. One says quarantine inbox (where you are), the other is preferences. Click on preferences. The SECURITY button lets you change the password. "Old Password" would be the Barracuda password they assigned you. "New Password" will be one of your choosing. You can put in your e-mail password for ease of remembering if you wish. If you ever forget the password, you can repeat the above process to get another.

Click on Quarantine Notification. Here you can change how often the notices come to your e-mail. Daily, Weekly or Never. If you choose never, you might want to save barracuda to your "favorites list." This way you can check your spam filter whenever you wish.

Click on Whitelist/Blacklist. Just like in the westerns, white hat=good guy, black hat = bad guy. If you whitelist someone, their e-mail will always go straight to your e-mail. If you blacklist someone, their e-mail will be returned to them, you will never have to see it again.

The following are more advanced controls and you can ignore them if you wish.

Click on Quarantine Enable/Disable. Here you can turn off and on the system that will stop or allow delivery of messages with the "****" in the subject line.

Click on Spam Filter Enable/Disable. This will turn off or on the spam filter and ALL messages will be delivered to your email in-box.

Click on Spam Scoring Levels. You can experiment with the "Spam Score." A spam score is the number of things that make an e-mail look like spam (certain words, misspellings, mass mailing, etc. Spammers will try all kinds of things to get past spam filters.

Barracuda Spam Firewall User's Guide



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v3.2.22

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Managing your Quarantine Inbox

This chapter describes how you can check your quarantined messages, classify messages as spam and not spam, and modify your user preferences using the Barracuda Spam Firewall interface. This chapter contains the following topics:

- Receiving Messages from the Barracuda Spam Firewall in the next section.
- Using the Quarantine Interface on page 4.
- Changing your User Preferences on page 6.
- Using Microsoft Outlook and Lotus Notes to Classify Messages on page 9.

Receiving Messages from the Barracuda Spam Firewall

The Barracuda Spam Firewall sends you the following two types of messages:

- Greeting Message
- Spam Quarantine Summary Report

Greeting Message

The first time the Barracuda Spam Firewall quarantines an email intended for you, the system sends you a greeting message with a subject line of User Quarantine Account Information. The greeting message contains the following information:

Welcome to the Barracuda Spam Firewall. This message contains the information you will need to access your Spam Quarantine and Preferences.

Your account has been set to the following username and password:

Username: *<your email address>*

Password: *<your default password>*

Access your Spam Quarantine directly using the following link:

<http://<barracuda system address or name>:8000>

The Barracuda Spam Firewall automatically provides your login information (username and password) and the link to access the quarantine interface. You should save this email because future messages from the system do not contain your login information.

Quarantine Summary Report

The Barracuda Spam Firewall sends you a daily quarantine summary report so you can view the quarantined messages you did not receive. From the quarantine summary report you can also add messages to your whitelist, delete messages, and have messages delivered to your inbox.

The following figure shows an example of a quarantine summary report.

Click to access your quarantine interface to set preferences and classify messages

Select to deliver, whitelist or delete quarantined messages

From: Barracuda Spam Firewall [support@barracudanetworks.com] Sent: Tue 1/13/12
To: nguyenv@affinitypath.com
Cc:
Subject: Daily Spam Quarantine Summary

BARRACUDA NETWORKS Spam Quarantine Summary

Dear nguyenv@affinitypath.com, this is your daily quarantine summary from the Barracuda Spam Firewall.

You have **3** messages in your spam quarantine inbox.

- Click on the **Deliver** link to have a message delivered to your mailbox.
- Click on the **Whitelist** link to have a message delivered to your mailbox and whitelist the sender so that messages will no longer be quarantined.
- Click the **Delete** link to have the message deleted from your quarantine (message will be automatically : for spam learning)

Date	From	Subject	Actions
01/12 13:01	"Khoa Nguyen" <khoa_barracu...>	welcome to paris you 1	Deliver Whitelist Delete
01/07 08:26	Peter Salenger <peteatwork@...>	hi test zip	Deliver Whitelist Delete
01/08 11:04	"Khoa Nguyen" <khoa_barracu...>	welcome to paris you 1	Deliver Whitelist Delete

To view your entire quarantine inbox or manage your preferences, [click here](#).

Spam/Virus Protection By **BARRACUDA NETWORKS**

Using the Quarantine Interface

At the end of every quarantine summary report is a link to the quarantine interface where you can set additional preferences and classify messages as spam and not spam.

Logging into the Quarantine Interface

To log into your quarantine interface:

1. Click the link provided at the bottom of the Quarantine Summary Report (displayed above).

Result: The login page appears.

2. Enter your username and password, and click **Login**.

Your login information resides in the greeting message sent to you from the Barracuda Spam Firewall.

Managing your Quarantine Inbox

After logging into the quarantine interface, select the QUARANTINE INBOX tab to view a list of your quarantined messages. When you first start using the quarantine interface, you should view this list on a daily basis and classify as many messages as you can.

The Barracuda Spam Firewall has a learning engine that learns how to deal with future messages based on the ones you classify as spam and not spam. The learning engine becomes more effective over time as you teach the system how to classify messages and as you set up rules based on your whitelist and blacklist.

Clicking on an email displays the message.

The following table describes the actions you can perform from this page.

Action	Description
Deliver	<p>Delivers the selected message to your standard email inbox.</p> <p><i>Note: If you want to classify a message or add it to your whitelist, make sure to do so before delivering the message to your inbox. Once the Barracuda Spam Firewall delivers a message, it is removed from your quarantine list.</i></p>
Whitelist	<p>Adds the selected message to your whitelist so all future emails from this sender are not quarantined unless the message contains a virus or banned attachment type.</p> <p>The Barracuda Spam Firewall adds the sending email address exactly as it appears in the message to your personal whitelist.</p> <p>Note that some commercial mailings may come from one of several servers such as <i>mail3.abcbank.com</i>, and a subsequent message may come from <i>mail2.abcbank.com</i>. See the section on managing your whitelists and blacklists for tips on specifying whitelists with greater effectiveness.</p>
Delete	<p>Deletes the selected message from your quarantine list. The main reason to delete messages is to help you keep track of which quarantine messages you have reviewed.</p> <p>You cannot recover messages you have deleted.</p>
Classify as Not Spam	<p>Classifies the selected message as not spam.</p> <p><i>Note: Some bulk commercial email may be considered useful by some users and spam by others. Instead of classifying bulk commercial email, it may be more effective to add it to your whitelist (if you wish to receive such messages) or blacklist (if you prefer not to receive them).</i></p>
Classify as Spam	<p>Classifies the selected message as spam.</p>

Changing your User Preferences

After logging into your quarantine interface, you can use the PREFERENCES tab to change your account password, modify your quarantine and spam settings, and manage your whitelist and blacklist.

Changing your Account Password

To change your account password, do one of the following:

- On the quarantine interface login page, click **Create New Password**, or
- After logging into your quarantine interface, go to PREFERENCES-->Password. This option is not available if single sign on has been enabled via LDAP or Radius.

In the provided fields, enter your existing password and enter your new password twice. Click **Save Changes** when finished.

Note: Changing your password breaks the links in your existing quarantine summary reports so you cannot delete, deliver, or whitelist messages from those reports. New quarantine summary reports will contain updated links that you can use the same as before.

Changing Your Quarantine Settings

The following table describes the quarantine settings you can change from the PREFERENCES-->Quarantine Settings page.

Quarantine Setting	Description
Enable Quarantine	Whether the Barracuda Spam Firewall quarantines your messages. If you select Yes , the Barracuda Spam Firewall does not deliver quarantined messages to your general email inbox, but you can view these messages from the quarantine interface and quarantine summary reports. If you select No , all messages that would have been quarantined for you are delivered to your general email inbox with the subject line prefixed with [QUAR]:. The Barracuda Spam Firewall administrator can modify this prefix.
Notification Interval	The frequency the Barracuda Spam Firewall sends you quarantine summary reports. The default is daily. The Barracuda Spam Firewall only sends quarantine summary reports when one or more of your emails have been quarantined. If you select Never , you can still view your quarantined messages from the quarantine interface, but you will not receive quarantine summary reports.
Notification Address	The email address the Barracuda Spam Firewall should use to deliver your quarantine summary report.
Default Language	The language in which you want to receive your quarantine notifications. This setting also sets the default encoding for handling unknown character sets during filtering. All email notifications from the Barracuda Spam Firewall are in UTF8 encoding.

Enabling and Disabling Spam Scanning of your Email

If you do not want the Barracuda Spam Firewall scanning your emails for spam content, you can disable spam filtering from the PREFERENCES-->Spam Settings page. From this page you can also change the default spam scoring levels that determine when your emails are tagged, quarantined or blocked.

When the Barracuda Spam Firewall receives an email for you, it scores the message for its spam probability. This score ranges from 0 (definitely not spam) to 10 or higher (definitely spam). Based on this score, the Barracuda Spam Firewall either allows, quarantines, or blocks the message.

A setting of 10 for any setting disables that option.

The following table describes the fields on the PREFERENCES-->Spam Settings page.

Setting	Description
Spam Filter Enable/Disable	
Enable Spam Filtering	Select Yes for the Barracuda Spam Firewall to scan your emails for spam. Select No to have all your messages delivered to you without being scanned for spam.
Spam Scoring	
Use System Defaults	Select Yes to use the default scoring levels. To configure the scoring levels yourself, select No and make the desired changes in the Spam Scoring Levels section described below.
Tag score	Messages with a score above this threshold, but below the quarantine threshold, are delivered to you with the word [BULK] added to the subject line. Any message with a score below this setting is automatically allowed. The default value is 3.5.
Quarantine score	Messages with a score above this threshold, but below the block threshold, are forwarded to your quarantine mailbox. The default setting is 10 (quarantine disabled). To enable the quarantine feature, this setting must have a value lower than the block threshold.
Block score	Messages with a score above this threshold are not delivered to your inbox. Depending on how the system is configured, the Barracuda Spam Firewall may notify you and the sender that a blocked message could not be delivered. The default value is 9.
Barracuda Bayesian Learning	
Reset Bayesian Database	Click Reset to remove your Bayesian rules learned by the Barracuda Spam Firewall from the point of installation.
Bayesian Database Backup	
Backup Bayesian Database	Click Backup to download a copy of your Bayesian database to your local system. This backup copy can then be uploaded to any Barracuda Spam Firewall, including this one, in the case of a corrupt Bayesian installation.
Restore Database	Click Browse to select the backup file containing your Bayesian database, and then click Upload Now to load the Bayesian settings to this Barracuda Spam Firewall. The backup file does not need to have originated from this Barracuda Spam Firewall, nor from the same user database.

Adding Email Addresses and Domains to Your Whitelist and Blacklist

The PREFERENCES-->Whitelist/Blacklist page lets you specify email addresses and domains from which you do or do not want to receive emails.

List Type	Description
Whitelist	The list of email addresses or domains from which you always wish to receive messages. The only time the Barracuda Spam Firewall blocks a message from someone on your whitelist is when the message contains a virus or a disallowed attachment file extension.
Blacklist	The list of senders from whom you never want to receive messages. The Barracuda Spam Firewall immediately discards messages from senders on your blacklist. These messages are not tagged or quarantined and cannot be recovered. The sender does not receive a notice that the message was deleted, and neither do you. The only time a blacklisted email address is delivered is if the same email address also appears in your whitelist.

To whitelist or blacklist senders, follow these steps:

1. Go to the PREFERENCES-->Whitelist/Blacklist page.

A list of your existing whitelisted and blacklisted addresses appears on this page.
2. To delete a whitelist or a blacklist entry, click the trash can icon next to the address.
3. To add an entry, type an email address into the appropriate field, and click the corresponding **Add** button.

Tips on specifying addresses

When adding addresses to your whitelist and blacklist, note the following tips:

- If you enter a full email address, such as *johndoe@yahoo.com*, just that user is specified. If you enter just a domain, such as *yahoo.com*, all users in that domain are specified.
- If you enter a domain such as *barracudanetworks.com*, all subdomains are also included, such as *support.barracudanetworks.com* and *test.barracudanetworks.com*.
- Mass mailings often come from domains that do not resemble the company's Web site name. For example, you may want to receive mailings from *historybookclub.com*, but you will find that this site sends out its mailing from the domain *hbcfyi.com*. Examine the From: address of an actual mailing that you are trying to whitelist or blacklist to determine what to enter.

Changing the Language of the Quarantine Interface

You can change the language of your quarantine interface by selecting a language from the drop-down menu in the upper right corner of the QUARANTINE INBOX and PREFERENCES tabs. Supported languages include Chinese, Japanese, Spanish, French, and others.

The language you select is only applied to your individual quarantine interface. No other user's interface is affected.

Using Microsoft Outlook and Lotus Notes to Classify Messages

Instead of using your quarantine inbox to classify your email messages, you can download a client plug-in that lets you classify messages from your Microsoft Outlook or Lotus Notes application.

Your Barracuda Spam Firewall administrator may choose not to make this plug-in available. If this is the case, you need to use your quarantine inbox to classify your messages.

Downloading the Client Plug-in

To download the client plug-in that is needed to classify messages from Microsoft Outlook or Lotus Notes, go to the log-in page of the administration interface and click the link below the login information, as shown in the following example:

Note: If this link does not appear, then your Barracuda Spam Firewall administrator has configured the system to not make the plug-in available.

Using the Microsoft Outlook and Lotus Notes Plug-in

After downloading and installing the plug-in, you can begin classifying messages using these buttons in your Microsoft Outlook or Lotus Notes client:  . The first (green) button marks messages as not spam and the second (red) button marks messages as spam.

The Microsoft Outlook and Lotus Notes Plug-in is configured to automatically:

- Whitelist email addresses associated with sent messages and new contacts
- Move spam-declared messages to the Deleted Items folder in your mail client
- Whitelist the 'From:' email address within 'Not-Spam'-declared messages.

You can change the default behavior of the Outlook plug-in by going to the Tools menu in your Outlook client and selecting Options | Spam Firewall tab.

