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## Sender and Recipient Analysis

<https://campus.barracuda.com/doc/76939338/>

### Sender Analysis

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Use the **Inbound Settings > Sender Policies** page to exempt, quarantine, or block messages based on username, domain, or email address. The Barracuda Email Security Service applies header scanning to both the Header and the Envelope From fields. In the Header field, only the email address portion is checked. Note that wildcards, for example, asterisk (\*) or the @ sign are not supported. For example: \*@customer.com is recognized as customer.com

Sender policies allow you to exempt, quarantine, or block messages as follows:

- **User** - Only the *username* part of the sender's email address is checked. For example, adding a policy for a username of *info* means that the policy you select is applied to all inbound messages from senders with an email address of *info@sendingdomain.com* where *sendingdomain.com* represents any sending domain.
- **Domain** - Only the domain part of the email address is checked.
- **Email address** - The entire email address is checked.

### Policies

- **Quarantine** - Messages from the entered sender are always quarantined.
- **Block** - Blocking a domain automatically blocks all subdomains. Note that blocklisting email addresses is not recommended as spammers rarely, if ever, use the same sender email address more than once.
- **Exempt** - When you add a domain, subdomain, or email sender and select **Exempt**, the Barracuda Email Security Service always accepts, or "whitelists" those messages. Messages from whitelisted senders bypass spam scoring, Intent Analysis, content filters, and Sender Policy Framework (SPF), however, virus scanning and rate control are still applied.

**Warning:** Spammers can use an exempt email address to bypass filtering; as such, IP whitelisting is a more reliable way to identify trusted domains. Add trusted IP addresses to your whitelist on the **Inbound Settings > IP Address Policies** page. If the email sender and recipient addresses are the same, the Barracuda Email Security Service disregards any whitelisting and processes the mail normally. This is done because spammers know that users tend to whitelist their own email address.

### Recipient Analysis

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Use the **Inbound Settings > Recipient Policies** page to specify whether to always **Scan** or always

**Exempt** (whitelist) a recipient email address. Exempt (whitelisted) recipients bypass spam scoring (see **Enable Cloudscan** on the **Inbound Settings > Anti-Spam/Anti-Virus** page) as well as all other blocklists. Virus scanning still applies.

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