

How to Configure Mail Gateway Service Limits

<https://campus.barracuda.com/doc/43847176/>

For the Mail Gateway service, you can set limits for mail that is received and delivered. To help prevent against Denial of Service (DoS), you can also set limits on the number of inbound and outbound connections.

Configure Mail Gateway Service Limits

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Mail-Gateway > Mail Gateway Settings**.
2. In the left menu, select **Limits**.
3. Click **Lock**.
4. In the **Mail Gateway Limits** section, set limits for mail that is received and forwarded. You can configure the following settings in this section:

| Setting | Description |
|--------------------------------------|---|
| Limit Mail Data Size | To limit the size of mail data (attachments), select yes . In the Mail Data Size (MB) field, enter the maximum size for mail data. |
| Mail Data Size (MB) | The maximum size of mail data in MB (default: 20). If the mail size exceeds this limit, the mail gateway refuses delivery and sends an error message to the sender. This setting reflects the actual mail body size because SMTP applies transfer encoding. The actual mail size may be greater than the physical size of the attachment. For example, if you add an attachment that is about 5 MB, the total mail size can be up to about 6.5 MB. |
| DSN for Max Data Size Excess | If you want the mail gateway to create an extended Delivery Status Notification (DSN) message when an email has exceeded the maximum allowed size that is specified by the Mail Data Size (MB) setting, select yes . |
| Maximum Number of Recipients | The maximum number of recipients of mail. Because RFC2821 requires at least 100 possible recipients of mail, you cannot enter a limit that is lower than 100 (default: 200). |
| DSN for Max Recipients Excess | If you want the mail gateway to create an extended DSN when an email has been forwarded to more recipients than the limit specified by the Maximum Number of Recipients setting, select yes . |
| Refuse Empty Mail from | By default, the SMTP server accepts all incoming emails. To reject emails with empty sender information, select yes . |

| | |
|---|--|
| Accept Loose Domain Name | Domain names may only contain the following characters: [-.0-9A-Za-z]. From the Accept Loose Domain Name list, select one of the following options to specify if domain names are checked for incorrect syntax. <ul style="list-style-type: none"> ◦ no - Domain names are checked. Emails are rejected if their domain names use incorrect syntax. ◦ yes - Domain names are not checked. Emails with domain names that use incorrect syntax are delivered. |
| Max. Attachments | The maximum number of to-be-scanned attachments per MIME email. |
| Drop Mails over Attachment Limit | To drop emails that contain more attachments than the limit specified by the Max. Attachments setting, select yes . |
| Drop Fragmented Mails | To reject malformed and damaged emails, select yes . |
| Max Age of crashed Mails (d) | The maximum number of days that emails can stay in the 'crashed' directory. |
| Max. SMTP Line Length | The maximum number of characters per line. Barracuda Networks recommends that you use the RFC maximum limit of 1000 characters. |
| Max. Received From Lines | The maximum number of <i>From:</i> headers. Default: 20. |
| Max. Header Lines | The maximum number of header lines. Default: 100. |

5. In the **DoS Protection** section, set limits on the number of parallel inbound and outbound connections. You can configure the following settings in this section:

| Settings | Description |
|---|---|
| Parallel Inbound Connections Parallel Outbound Connections | The maximum number of parallel inbound or outbound connections for receiving mail (default: 5). If your mail gateway handles a lot of mail traffic, you may need to increase this value. (These values must not be 0.) |
| Parallel Outbound Connections Parallel Outbound Conn. per Peer | The maximum number of parallel TCP connections from a single inbound or outbound source IP address (default: 25). This provides effective protection against DoS attacks. <ul style="list-style-type: none"> ◦ These values must not be 0. ◦ The number of maximum parallel connections per peer may not be greater than the maximum number of parallel connections. ◦ To generate the Resource Limit Exceeded: Max connections (per Peer) [136] event when the limit values are exceeded, select yes from the Parallel Connection Limit list in the mail gateway reporting settings. For more information, see How to Configure Mail Gateway Reporting. |

6. Click **Send Changes** and **Activate**.

Continue with [How to Configure Mail Gateway Reporting](#).

© Barracuda Networks Inc., 2019 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.