



# Reports

Help Documentation

## Reports

### Server Status Report

The Server Statistics page allows you to view active statistics for the mail server as a whole. This information can help in monitoring mail abuse or usage trends from the date and time the service was first started.

The first table includes the exact date and time that the SmarterMail Service was started and how long it has been running.

On average, one POP or SMTP thread is capable of supporting one email message. IMAP is different in that IMAP can support multiple threads for a single connection. You can track the number of threads your mail server is processing, if you are getting close to your servers maximum, and more. If you do see that you are nearing the maximum thread settings, you may want to adjust your configurations or hardware as exceeding a thread maximum may result in a loss of email service until more threads are made available. The second table has the current status, last five minute average, last hour average and the averages since the service started for the following items:

IMAP Threads - the number of threads processed for incoming mail using IMAP. As stated, IMAP can process multiple threads for a single connection.

POP Threads - the number of threads processed for incoming mail using POP. Generally, this is a one-to-one correlation (one incoming message per thread).

SMTP Threads - the number of threads processed for outgoing mail.

Relay Threads - the number of threads used for processing the delivery of outgoing mail.

LDAP Threads Enterprise Edition Only - the number of threads used for LDAP connections.

Messages in Spool - the number of messages currently awaiting processing. All mail, regardless of whether it is incoming or outgoing mail, goes into the spool prior to either being sent or received.

Messages Delivered - the number of messages sent from the server.

### Current Blocks Report

The current blocks report displays a list of all of the IP addresses that are denied from using the mail server. SmarterMail monitors the usage and activity of IP addresses and detects if a certain IP is abusive. These settings, which can be adjusted under the Config menu in Abuse Detection, will keep track of IP addresses that are sending too many messages and block them temporarily. Abuse

Detection makes available more bandwidth, space, CPU usage and memory for actual clients and accounts.

For more information, see the topic Abuse Detection .

## Current Connections Report

The connections page show all connections currently active in the SmarterMail service. These connection are broken down by the type of connection made: SMTP, POP, IMAP, or LDAP ( LDAP supported in Enterprise Edition only ).

Connections are shown in each category, listing the IP address making the connection, as well as how many connections that IP has.

Note: Multiple connections does not necessarily mean abuse or unclosed sessions. Often networks will use a single IP allowing multiple users and computers to connect from a single location or IP.

## Disk Usage Report

The disk usage report allows you to view the current disk space allocated to each domain on your server. This information can be used for billing, detecting usage trends, or pinpointing abuse.

Sort By - Choose the sorting mode from the drop down list.

Generate Report - Click this button to generate the report with the settings you have chosen.

## Bandwidth Report

The bandwidth report allows you to view mail bandwidth usage by domain over a specified period of time. This information can be used to see abuse or usage trends for your domains. In some cases, administrators can use this information to bill customers for excessive usage. All statistics are totals for the date range specified.

Start Date - The beginning of the date range to calculate.

End Date - The end of the date range to calculate.

Sort By - The report will be sorted in the order chosen from this drop down.

Generate Report - Click this button to generate the report with the settings you have chosen.

## Domain Aliases Report

The domain alias report shows you a list of all domain aliases on this server. This can be helpful when trying to figure out what a domain alias points to. You may click on a row to go to the domain alias setup page for the domain.