



Protocol Settings

Help Documentation

Protocol Settings

To access the settings for standard email protocols, click the settings icon and click Protocol Settings in the navigation pane. The protocol settings will load and the following tabs will be available:

POP

Use this tab to specify the following POP settings:

- POP Banner - The text that is displayed when initially connecting to the port. The banner supports the use of the following variables, which will be replaced with their corresponding values:
 - #HostName# - The hostname of the IP address to which the connection is made.
 - #ConnectedIP# - The IP address of the remote computer.
 - #Time# - The system's local time.
 - #TimeUTC# - The time in UTC.
 - #UnixTime# - The number of seconds since January 1, 1970.
- Command Timeout - If the server receives a command that sends large amounts of data and the data stops coming in for this number of minutes, the command will be aborted. By default, the command times out after 5 minutes.
- Max Bad Commands - After this many unrecognized or improper commands, a connection will be automatically terminated. By default, the maximum number of bad commands is 8.
- Max Connections - Some protocols in SmarterMail allow you to specify the maximum number of connections. Increasing this value allows SmarterMail to handle more connections of that type at once, but results in higher CPU and memory utilization. By default, the maximum number of connections is 500.
- POP Retrieval Download Path - The path in which mail is stored from POP accounts until it is read.
- Max POP Retrieval Threads - The maximum number of threads you want SmarterMail to work on concurrently. By default, the maximum number of POP retrieval threads is 10.
- POP Retrieval Interval - The frequency by which SmarterMail checks for new POP messages. By default, the POP retrieval interval is 1 minute.

IMAP

Use this tab to specify the following IMAP settings:

- IMAP Banner - The text that is displayed when initially connecting to the port. The banner

supports the use of the following variables, which will be replaced with their corresponding values:

- #HostName# - The hostname of the IP address to which the connection is made.
- #ConnectedIP# - The IP address of the remote computer.
- #Time# - The system's local time.
- #TimeUTC# - The time in UTC.
- #UnixTime# - The number of seconds since January 1, 1970.
- Command Timeout - If the server receives a command that sends large amounts of data and the data stops coming in for this number of minutes, the command will be aborted. By default, the command times out after 15 minutes.
- Max Bad Commands - After this many unrecognized or improper commands, a connection will be automatically terminated. By default, the maximum number of bad commands is 8.
- Max Connections - Some protocols in SmarterMail allow you to specify the maximum number of connections. Increasing this value allows SmarterMail to handle more connections of that type at once, but results in higher CPU and memory utilization. By default, the maximum number of connections is 1000.
- IMAP Retrieval Download Path - The path in which mail is stored from IMAP accounts until it is read.
- Max IMAP Retrieval Threads - The maximum number of threads you want SmarterMail to work on concurrently. By default, the maximum number of POP retrieval threads is 10.
- IMAP Retrieval Interval - The frequency by which SmarterMail checks for new POP messages. By default, the POP retrieval interval is 10 minutes.
- Enable IDLE Command - Select this checkbox to enable IMAP IDLE. IMAP idle is an extension of the IMAP protocol that allows a mail server to send status updates in real time. Through IMAP IDLE, users can maintain a connection with the mail server via any mail client that supports IMAP IDLE, allowing them to be instantly aware of any changes or updates. When enabled, SmarterMail will inform any connecting IMAP client that it accepts the IDLE command. Note: IMAP clients that do not fully support IMAP IDLE, like Microsoft Outlook, may use the command in such a way that it actually hinders performance.

LDAP

Use this tab to specify the following LDAP settings:

- Session Timeout - After a connection fails to respond or issue new commands for this number of seconds, the connection will be closed. By default, the session times out after 300 seconds.
- Command Timeout - If the server receives a command that sends large amounts of data and

the data stops coming in for this number of seconds, the command will be aborted. By default, the command times out after 120 seconds.

SMTP In

Use this tab to specify the following incoming SMTP settings:

- SMTP Banner - The text that is displayed when initially connecting to the port. The banner supports the use of the following variables, which will be replaced with their corresponding values:
 - #HostName# - The hostname of the IP address to which the connection is made.
 - #ConnectedIP# - The IP address of the remote computer.
 - #Time# - The system's local time.
 - #TimeUTC# - The time in UTC.
 - #UnixTime# - The number of seconds since January 1, 1970.
- Allow Relay - If you are concerned about spam mailers using the relay function to send mail through your server or do not want any other mail server to use your SMTP server as a gateway, you can set the type of relays you will allow, or completely disallow mail relay completely.
- Nobody - Restricts sent mail to only work via SMTP authentication and with accounts on the local SmarterMail Server (except for IPs on the White List).
- Only Local Users - Limits relay access to users (email accounts) for a valid domain on your SmarterMail Server.
- Only Local Domains - Limits relay access only to mail hosts (domains) on your SmarterMail Server.
- Anyone - Allows any other mail server to pass messages through your mail server, increasing the chances of your mail server being used for sending large volumes of messages with domains not associated with your local mail server. Selecting this option turns off statistics for all domains, due to the high amount of messages that are passed through the mail server with an open relay.
- Session Timeout - After a connection fails to respond or issue new commands for this number of seconds, the connection will be closed. By default, the session times out after 15 minutes.
- Enabled - Select this checkbox to enable the session timeout setting.
- Command Timeout - If the server receives a command that sends large amounts of data and the data stops coming in for this number of seconds, the command will be aborted. By default, the command times out after 120 seconds.
- Max Bad Commands - After this many unrecognized or improper commands, a connection will be automatically terminated. By default, the maximum number of bad commands is 8.
- Max Connections - Some protocols in SmarterMail allow you to specify the maximum number

of connections. Increasing this value allows SmarterMail to handle more connections of that type at once, but results in higher CPU and memory utilization. By default, the maximum number of connections is 1000.

- **Max Hop Count** - After a message gets delivered through this many mail servers, it is aborted by the software. This prevents looping due to DNS problems or misconfigurations. By default the max hop count is 20.
- **Max Message Size** - Messages greater than this size will be rejected by the mail server. By default, the max message size is 0 (unlimited).
- **Max Bad Recipients** - After this many bad recipients, the SMTP session will be terminated. This setting allows you to better protect yourself against email harvesting attacks. A value of 20 is recommended in most cases.
- **Submission IP:Port** - The submission port is a special SMTP port that requires SMTP Authentication in order to be used to deliver any mail whatsoever, regardless of domain-specific settings. This setting is an advanced feature that is typically used when a whitelisted inbound gateway is being used for spam and virus scanning and all other SMTP traffic is blacklisted. Note: This setting will not function until the Enabled checkbox next to the setting is checked.
- **Enable VRFY command** - Select this checkbox to allow others (including other mail servers) to verify an email address on the server. Note: Some people believe enabling VRFY commands is a security risk, so be sure to research the possible ramifications before enabling this feature.
- **Enable EXPN command** - Select this checkbox to allow others to list all users associated with an alias or list. Note: Some people believe enabling EXPN commands is a security risk, so be sure to research the possible ramifications before enabling this feature.
- **Disable relay settings when using SMTP authentication** - Select this checkbox to disable the "Allow Relay" setting from above.
- **Enable Domain's SMTP auth setting for local deliveries** - Select this checkbox to enforce SMTP authentication for all local deliveries. For example, mail from user1@example.com to user2@example.com must be authenticated even though the message is bound for local delivery.
- **Disable AUTH LOGIN method for SMTP authentication** - Select this checkbox to disable plain text authentication.

SMTP Out

Use this tab to specify the following outgoing SMTP settings:

- **Outbound IP** - Select the IP address that is used to deliver outbound messages from the list.
- **Enable fallback to Primary IP on failure** - Select this checkbox to have SmarterMail automatically fallback to the primary IP when a failure has occurred. SmarterMail will only attempt to connect once if this option is enabled.

- **Command Timeout** - If the server receives a command that sends large amounts of data and the data stops coming in for this number of seconds, the command will be aborted. By default, the command times out after 60 seconds.
- **Max Spam Check Threads** - The maximum number of messages that can be spam checked at one time. By default, the maximum spam check threads is 30.
- **Max Delivery Threads** - The maximum number of messages that can be sent at one time to email addresses that are not on the local server. If a message cannot be sent, the SmarterMail server's multi-threading capabilities will move on to the next message and eventually get back to the one it skipped. This action can save tremendous amounts of time when compared to some other mail servers that stall the spool if a message cannot be sent right away. By default, the max delivery threads is 50.
- **Enable DNS Caching** - Select this checkbox to cache the results of DNS calls in SmarterMail.
- **Enable TLS if supported by the remote server** - Select this checkbox to use TLS (SSL encryption) if the server you are connected to supports it.