TRB256 Email Relay

The information in this page is updated in accordance with firmware version **TRB2M_R_00.07.06.10**.

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Summary

Email Relay is an e-mail store-and-forward message transfer agent and proxy server. The service does three things:

- Stores any incoming e-mail messages that it receives
- Forwards e-mail messages on to another remote e-mail server
- Serves up stored e-mail messages to local e-mail reader programs

More technically, it acts as a SMTP storage daemon, a SMTP forwarding agent, and a POP3 server.

This manual page provides an overview of the Email Relay functionality in TRB256 devices.

Note: Email Relay is additional software that can be installed from the **System → Package Manager** page.

Email Relay Configuration

This section displays Email Relays that are currently configured on the router. By default the list is empty. To add a new email relay, enter instance name, choose service mode and press 'Add'.

Server

Field	Value	Description

Enable	off | on; default: **off**	Enables this email relay instance.
Mode	Server | Proxy | Command line; default: **Server**	Instance mode.
SMTP port	integer [1..65535]; default: **none**	SMTP Port to listen incoming connections.
POP port	integer [1..65535]; default: **none**	POP Port to listen incoming connections.
Remote clients	off | on; default: **off**	To allow connections from anywhere. By default only local allowed.
Address verifier	string; default: **none**	Runs the specified external program to verify a message recipient's e-mail address.
Domain	domain name; default: **none**	Specifies the network name that is used in SMTP EHLO. The default is derived from a DNS lookup of the local hostname.
Anonymous	off | on; default: **off**	Disables the server's SMTP VRFY command.
Server TLS	off | on; default: **off**	Enables TLS for incoming SMTP and POP connections.
TLS certificate	.pem certificate; default: **none**	Specifies a PEM-format file containing a X.509 certificate and private key.
SMTP authentication	off | on; default: **off**	Enables SMTP server authentication of remote SMTP clients.
SMTP Username	string; default: **none**	Username for authentication with the SMTP server.
SMTP Password	string; default: **none**	Password for authentication with the SMTP server.
POP Username	string; default: **none**	Username for authentication with the POP server.
POP Password	string; default: **none**	Password for authentication with the POP server.

Proxy

Field	Value	Description
Enable	off | on; default: **off**	Enables this email relay instance.
Mode	Server | Proxy | Command line; default: **Server**	Instance mode.
SMTP port	integer [1..65535]; default: **none**	SMTP Port to listen incoming connections.
Remote clients	off | on; default: **off**	To allow connections from anywhere. By default only local allowed.
Address verifier	string; default: **none**	Runs the specified external program to verify a message recipient's e-mail address.
Domain	domain name; default: **none**	Specifies the network name that is used in SMTP EHLO. The default is derived from a DNS lookup of the local hostname.
Anonymous	off | on; default: **off**	Disables the server's SMTP VRFY command.
Server TLS	off | on; default: **off**	Enables TLS for incoming SMTP and POP connections.

TLS certificate	.pem certificate; default: **none**	Specifies a PEM-format file containing a X.509 certificate and private key.
SMTP authentication	off | on; default: **off**	Enables SMTP server authentication of remote SMTP clients.
SMTP Username	string; default: **none**	Username for authentication with the SMTP server.
SMTP Password	string; default: **none**	Password for authentication with the SMTP server.
Smarthost	ip:port | domain name:port; default: **none**	Specify the SMTP to forward emails.
Client TLS	off | on; default: **off**	Enables negotiated TLS for outgoing SMTP connections.
Client authentication	off | on; default: **off**	Enables SMTP client authentication with the remote server.
Username	string; default: **none**	Username for authentication with the remote server.
Password	string; default: **none**	Password for authentication with the remote server.

Command line

Field	Value	Description
Enable	off | on; default: **off**	Enables this email relay instance.
Extra command line	string; default: **none**	Extra command line options.