

# TRB145 Email Relay

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The information in this page is updated in accordance with firmware version [TRB1\\_R\\_00.07.07.3](#).

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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.

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This manual page provides an overview of the Email Relay functionality in TRB145 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'.

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## Server

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**Field**

**Value**

**Description**

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

## Proxy



Field	Value	Description
Enable	off   on; default: <b>off</b>	Enables this email relay instance.
Mode	Server   Proxy   Command line; default: <b>Server</b>	Instance mode.
SMTP port	integer [1..65535]; default: <b>none</b>	SMTP Port to listen incoming connections.
Remote clients	off   on; default: <b>off</b>	To allow connections from anywhere. By default only local allowed.
Address verifier	string; default: <b>none</b>	Runs the specified external program to verify a message recipient's e-mail address.
Domain	domain name; default: <b>none</b>	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: <b>off</b>	Disables the server's SMTP VRFY command.
Server TLS	off   <b>on</b> ; default: <b>off</b>	Enables TLS for incoming SMTP and POP connections.

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

## Command line



Field	Value	Description
Enable	off   <b>on</b> ; default: <b>off</b>	Enables this email relay instance.
Extra command line	string; default: <b>none</b>	Extra command line options.