

TCR100 Email Relay

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The information in this page is updated in accordance with firmware version [TCR1_R_00.07.05.4](#).

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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 TCR100 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: 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.