



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'rsync-ssl.1' command

\$ man rsync-ssl.1

rsync-ssl(1) User Commands rsync-ssl(1)

NAME

rsync-ssl - a helper script for connecting to an ssl rsync daemon

SYNOPSIS

rsync-ssl [--type=SSL_TYPE] RSYNC_ARGS

DESCRIPTION

The `rsync-ssl` script helps you to run an rsync copy to/from an rsync daemon that requires ssl connections.

The script requires that you specify an `rsync-daemon` arg in the style of either `hostname::` (with 2 colons) or `rsync://hostname/`. The default port used for connecting is 874 (one higher than the normal 873) unless overridden in the environment. You can specify an overriding port via `--port` or by including it in the normal spot in the URL format, though both of those require your rsync version to be at least 3.2.0.

OPTIONS

If the first arg is a `--type=SSL_TYPE` option, the script will only use that particular program to open an ssl connection instead of trying to find an `openssl` or `stunnel` executable via a simple heuristic (assuming that the `RSYNC_SSL_TYPE` environment variable is not set as well -- see below). This option must specify one of `openssl` or `stunnel`. The equal sign is required for this particular option.

All the other options are passed through to the rsync command, so consult the `rsync(1)` manpage for more information on how it works.

ENVIRONMENT VARIABLES

The `ssl` helper scripts are affected by the following environment variables:

RSYNC_SSL_TYPE

Specifies the program type that should be used to open the `ssl` connection. It must be one of `openssl` or `stunnel`. The `--type=SSL_TYPE` option overrides this, when specified.

RSYNC_SSL_PORT

If specified, the value is the port number that is used as the default when the user does not specify a port in their `rsync` command. When not specified, the default port number is 874. (Note that older `rsync` versions (prior to 3.2.0) did not communicate an overriding port number value to the helper script.)

RSYNC_SSL_CERT

If specified, the value is a filename that contains a certificate to use for the connection.

RSYNC_SSL_CA_CERT

If specified, the value is a filename that contains a certificate authority certificate that is used to validate the connection.

RSYNC_SSL_OPENSSL

Specifies the `openssl` executable to run when the connection type is set to `openssl`. If unspecified, the `$PATH` is searched for `"openssl"`.

RSYNC_SSL_GNUTLS

Specifies the `gnutls-cli` executable to run when the connection type is set to `gnutls`. If unspecified, the `$PATH` is searched for `"gnutls-cli"`.

RSYNC_SSL_STUNNEL

Specifies the `stunnel` executable to run when the connection type is set to `stunnel`. If unspecified, the `$PATH` is searched first for `"stunnel4"` and then for `"stunnel"`.

EXAMPLES

```
rsync-ssl -aiv example.com::mod/ dest
rsync-ssl --type=openssl -aiv example.com::mod/ dest
rsync-ssl -aiv --port 9874 example.com::mod/ dest
rsync-ssl -aiv rsync://example.com:9874/mod/ dest
```

SEE ALSO

rsync(1), rsyncd.conf(5)

CAVEATS

Note that using an stunnel connection requires at least version 4 of stunnel, which should be the case on modern systems. Also, it does not verify a connection against the CA certificate collection, so it only encrypts the connection without any cert validation unless you have specified the certificate environment options.

This script also supports a `--type=gnutls` option, but at the time of this release the `gnutls-cli` command was dropping output, making it unusable. If that bug has been fixed in your version, feel free to put `gnutls` into an exported `RSYNC_SSL_TYPE` environment variable to make it use the default.

BUGS

Please report bugs! See the web site at <https://rsync.samba.org/>.

VERSION

This man page is current for version 3.2.3 of `rsync`.

CREDITS

`rsync` is distributed under the GNU General Public License. See the file `COPYING` for details.

A web site is available at <https://rsync.samba.org/>. The site includes an FAQ-O-Matic which may cover questions unanswered by this manual page.

AUTHOR

This manpage was written by Wayne Davison.

Mailing lists for support and development are available at <https://lists.samba.org/>.