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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'psktool.1'***

#### ***\$ man psktool.1***

psktool(1) User Commands psktool(1)

#### NAME

psktool - GnuTLS PSK tool

#### SYNOPSIS

psktool [-flags] [-flag [value]] [--option-name[|=]value]]

All arguments must be options.

#### DESCRIPTION

Program that generates random keys for use with TLS-PSK. The keys are stored in hexadecimal format in a key file.

#### OPTIONS

-d num, --debug=num

Enable debugging. This option takes an integer number as its argument. The value of num is constrained to being:  
in the range 0 through 9999

Specifies the debug level.

-s num, --keysize=num

Specify the key size in bytes (default is 32-bytes or 256-bits).

This option takes an integer number as its argument. The value

of num is constrained to being:

in the range 0 through 512

`-u str, --username=str`

Specify the username to use.

`-p str, --pskfile=str`

Specify a pre-shared key file.

This option will specify the pre-shared key file to store the generated keys.

`--passwd`

This is an alias for the `--pskfile` option.

NOTE: THIS OPTION IS DEPRECATED

`-v arg, --version=arg`

Output version of program and exit. The default mode is ``v'`, a simple version. The ``c'` mode will print copyright information and ``n'` will print the full copyright notice.

`-h, --help`

Display usage information and exit.

`!-, --more-help`

Pass the extended usage information through a pager.

## EXAMPLES

To add a user `'psk_identity'` in `keys.psk` for use with GnuTLS run:

```
$ ./psktool -u psk_identity -p keys.psk
```

```
Generating a random key for user 'psk_identity'
```

```
Key stored to keys.psk
```

```
$ cat keys.psk
```

```
psk_identity:88f3824b3e5659f52d00e959bacab954b6540344
```

```
$
```

This command will create `keys.psk` if it does not exist and will add user `'psk_identity'`.

## EXIT STATUS

One of the following exit values will be returned:

0 (EXIT\_SUCCESS)

Successful program execution.

## 1 (EXIT\_FAILURE)

The operation failed or the command syntax was not valid.

## SEE ALSO

gnutls-cli-debug (1), gnutls-serv (1), srptool (1), certtool (1)

## AUTHORS

## COPYRIGHT

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## BUGS

Please send bug reports to: [bugs@gnutls.org](mailto:bugs@gnutls.org)

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