



Full credit is given to the above companies including the OS that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 'checkmodule.8'

\$ man checkmodule.8

CHECKMODULE(8) System Manager's Manual CHECKMODULE(8)

NAME

checkmodule - SELinux policy module compiler

SYNOPSIS

```
checkmodule [-h] [-b] [-c policy_version] [-C] [-E] [-m] [-M] [-U han?
dle_unknown] [-V] [-o output_file] [input_file]
```

DESCRIPTION

This manual page describes the checkmodule command.

checkmodule is a program that checks and compiles a SELinux security policy module into a binary representation. It can generate either a base policy module (default) or a non-base policy module (-m option); typically, you would build a non-base policy module to add to an existing module store that already has a base module provided by the base policy. Use semodule_package(8) to combine this module with its optional file contexts to create a policy package, and then use semodule(8) to install the module package into the module store and load the resulting policy.

OPTIONS

`-b,--binary`

Read an existing binary policy module file rather than a source policy module file. This option is a development/debugging aid.

`-C,--cil`

Write CIL policy file rather than binary policy file.

`-E,--werror`

Treat warnings as errors

`-h,--help`

Print usage.

`-m` Generate a non-base policy module.

`-M,--mls`

Enable the MLS/MCS support when checking and compiling the policy module.

`-V,--version`

Show policy versions created by this program.

`-o,--output filename`

Write a binary policy module file to the specified filename.

Otherwise, `checkmodule` will only check the syntax of the module source file and will not generate a binary module at all.

`-U,--handle-unknown <action>`

Specify how the kernel should handle unknown classes or permissions (deny, allow or reject).

`-c policyvers`

Specify the policy version, defaults to the latest.

EXAMPLE

```
# Build a MLS/MCS-enabled non-base policy module.
```

```
$ checkmodule -M -m httpd.te -o httpd.mod
```

SEE ALSO

`semodule(8)`, `semodule_package(8)` SELinux Reference Policy documentation at <https://github.com/SELinuxProject/refpolicy/wiki>

AUTHOR

This manual page was copied from the `checkpolicy` man page written by `?rp?d Magos?nyi <mag@bunuel.tii.matav.hu>`, and edited by Dan Walsh

<dwalsh@redhat.com>. The program was written by Stephen Smalley

<sds@tycho.nsa.gov>.

CHECKMODULE(8)