Red Hat Enterprise Linux Release 9.2 Manual Pages on 'checkmodule.8' command

$ 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 exist?

    ing module store that already has a base module provided by the base

    policy.   Use semodule_package(8) to combine this module with its op?

    tional file contexts to create a policy package, and then use semod?

    ule(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 pol?

>   icy 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 permis?

>   sions (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

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