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

\$ man checkpolicy.8

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

NAME

checkpolicy - SELinux policy compiler

SYNOPSIS

```
checkpolicy [-b[F]] [-C] [-d] [-U handle_unknown (allow,deny,reject)]
[-M] [-c policyvers] [-o output_file|-] [-S] [-t target_platform
(selinux,xen)] [-O] [-E] [-V] [input_file]
```

DESCRIPTION

This manual page describes the checkpolicy command.

checkpolicy is a program that checks and compiles a SELinux security policy configuration into a binary representation that can be loaded into the kernel. If no input file name is specified, checkpolicy will attempt to read from policy.conf or policy, depending on whether the -b flag is specified.

OPTIONS

-b,--binary

Read an existing binary policy file rather than a source policy.conf file.

-F,--conf

Write policy.conf file rather than binary policy file. Can only be used with binary policy file.

-C,--cil

Write CIL policy file rather than binary policy file.

`-d,--debug`

Enter debug mode after loading the policy.

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

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

`-M,--mls`

Enable the MLS policy when checking and compiling the policy.

`-c policyvers`

Specify the policy version, defaults to the latest.

`-o,--output filename`

Write a policy file (binary, policy.conf, or CIL policy) to the specified filename. If `-` is given as filename, write it to standard output.

`-S,--sort`

Sort contexts before writing out the binary policy. This option makes output of `checkpolicy` consistent with binary policies created by `semanage` and `secilc`.

`-t,--target`

Specify the target platform (selinux or xen).

`-O,--optimize`

Optimize the final kernel policy (remove redundant rules).

`-E,--werror`

Treat warnings as errors

`-V,--version`

Show version information.

`-h,--help`

Show usage information.

SEE ALSO

SELinux Reference Policy documentation at [https://github.com/SELinux?](https://github.com/SELinux?Project/refpolicy/wiki)

[Project/refpolicy/wiki](https://github.com/SELinux?Project/refpolicy/wiki)

AUTHOR

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