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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'checkpolicy.8'***

#### ***\$ 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 pol?

icy.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.

SELinux Reference Policy documentation at <https://github.com/SELinux?>

Project/refpolicy/wiki

## AUTHOR

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