

NAME

systemd-sysctl.service, systemd-sysctl – Configure kernel parameters at boot

SYNOPSIS

/lib/systemd/systemd-sysctl [OPTIONS...] [*CONFIGFILE*...]

systemd-sysctl.service

DESCRIPTION

systemd-sysctl.service is an early boot service that configures **sysctl**(8) kernel parameters by invoking **/lib/systemd/systemd-sysctl**.

When invoked with no arguments, **/lib/systemd/systemd-sysctl** applies all directives from configuration files listed in **sysctl.d**(5). If one or more filenames are passed on the command line, only the directives in these files are applied.

In addition, **--prefix=** option may be used to limit which sysctl settings are applied.

See **sysctl.d**(5) for information about the configuration of sysctl settings. After sysctl configuration is changed on disk, it must be written to the files in */proc/sys* before it takes effect. It is possible to update specific settings, or simply to reload all configuration, see Examples below.

OPTIONS**--prefix=**

Only apply rules with the specified prefix.

--cat-config

Copy the contents of config files to standard output. Before each file, the filename is printed as a comment.

--no-pager

Do not pipe output into a pager.

-h, --help

Print a short help text and exit.

--version

Print a short version string and exit.

EXAMPLES**Example 1. Reset all sysctl settings**

```
systemctl restart systemd-sysctl
```

Example 2. View coredump handler configuration

```
# sysctl kernel.core_pattern
kernel.core_pattern = /libexec/abrt-hook-ccpp %s %c %p %u %g %t %P %I
```

Example 3. Update coredump handler configuration

```
# /lib/systemd/systemd-sysctl --prefix kernel.core_pattern
```

This searches all the directories listed in **sysctl.d**(5) for configuration files and writes */proc/sys/kernel/core_pattern*.

Example 4. Update coredump handler configuration according to a specific file

```
# /lib/systemd/systemd-sysctl 50-coredump.conf
```

This applies all the settings found in *50-coredump.conf*. Either */etc/sysctl.d/50-coredump.conf*, or */run/sysctl.d/50-coredump.conf*, or */usr/lib/sysctl.d/50-coredump.conf* will be used, in the order of preference.

See **sysctl**(8) for various ways to directly apply sysctl settings.

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SEE ALSO

systemd(1), sysctl.d(5), sysctl(8),