

**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.

**-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.

**SEE ALSO**

[systemd\(1\)](#), [sysctl.d\(5\)](#), [sysctl\(8\)](#),