

# csrutil

Configure System Integrity Protection (SIP). SIP is available in El Capitan (10.11) and later.

## Syntax

- `csrutil status` View the SIP status
- `csrutil enable` Turn SIP on, when booted in Recovery mode
- `csrutil disable` Turn SIP off, when booted in Recovery mode
- `csrutil netboot` Configure SIP for netboot
- `csrutil help` Display this help message

SIP can prevent applications from:

SIP is turned on by default.

SIP maintains file system permissions.

- System-only locations now forbidden:
  - `/bin`
  - `/sbin`
  - `/usr` (except for `/usr/local`)
  - `/System`

- Folders which are still protected by SIP:
  - `/usr/local`
  - `/Applications`
  - `/Library`

## Examples

To Enable or Disable System Integrity Protection:

- Reboot while holding Cmd + R, then type:
  - `csrutil disable && reboot`
  - or
  - `csrutil enable && reboot`


*"I don't want to live in a world where everything that I say, everything I do, everyone I talk to, every expression of creativity or love or friendship is recorded" ~ Edward Snowden*

## Related macOS commands


- Local man page: [csrutil](#) - Command line help page on your local machine.
- [security](#) - Administer Keychains, keys, certificates and the Security framework.
- [softwareupdate](#) - System software update tool.

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