

# 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 network booting
- `csrutil help` Display this help message

SIP can prevent applications from: installing unsigned kernel extensions (KEXTs)

SIP is turned on by default.

SIP maintains file system permissions and prevents unauthorized modifications to be performed.

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
- `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.

( SS64 )


SS64.com asks for your consent to use your personal data to:



Personalised advertising and content, advertising and content measurement, audience research and services development



Store and/or access information on a device



Learn more

Your personal data will be processed and information from your device (cookies, unique identifiers, and other device data) may be stored by, accessed by and shared with [134 TCF vendor\(s\)](#) and [63 ad partner\(s\)](#), or used specifically by this site or app.

Some vendors may process your personal data on the basis of legitimate interest, which you can object to by managing your options below. Look for a link at the bottom of this page to manage or withdraw consent in privacy and cookie settings.

Do not consent

Consent

[Manage options](#)



( SS64 )

### SS64.com asks for your consent to use your personal data to:



Personalised advertising and content, advertising and content measurement, audience research and services development



Store and/or access information on a device

Your personal data will be processed and information from your device (cookies, unique identifiers, and other device data) may be stored by, accessed by and shared with [134 TCF vendor\(s\)](#) and [63 ad partner\(s\)](#), or used specifically by this site or app.

Some vendors may process your personal data on the basis of legitimate interest, which you can object to by managing your options below. Look for a link at the bottom of this page to manage or withdraw consent in privacy and cookie settings.

