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## Disable command-line access

To disable command-line access for your desktop user, you need to make configuration changes in a number of different contexts. Bear in mind that the following steps do not remove the desktop user's permissions to access a command line, but rather remove the ways that the desktop user could access the command line.

- Set the `org.gnome.desktop.lockdown.disable-command-line` GSettings key, which prevents the user from accessing the terminal or specifying a command line to be executed (the `Alt + F2` command prompt).
- Prevent users from accessing the `Alt + F2` command prompt.
- Disable switching to virtual terminals (VTs) with the `Ctrl + Alt + function key` shortcuts by modifying the X server configuration.
- Remove *Terminal* and all other terminal applications from the Activities overview in GNOME Shell. You will also need to prevent the user from installing a new terminal application.

### Disable the command prompt

1. Create the user profile which contains the following lines:

```
/etc/dconf/profile/user
```

```
user-db:user
system-db:local
```

`local` is the name of a `dconf` database.

2. Create a `local` database for machine-wide settings in `/etc/dconf/db/local.d/00-lockdown`:

```
# Specify the dconf path
[org/gnome/desktop/lockdown]

# Disable the command prompt
disable-command-line=true
```

3. Override the user's setting and prevent the user from changing it in `/etc/dconf/db/local.d/locks/lockdown`:

```
# List the keys used to configure lockdown
/org/gnome/desktop/lockdown/disable-command-line
```

4. Update the system databases:

```
# dconf update
```

5. Users must log out and back in again before the system-wide settings take effect.

## Disable dropping to a virtual terminal

Users can normally use the `Ctrl` + `Alt` + *function key* shortcuts (for example, `Ctrl` + `Alt` + `F2`) to switch from the GNOME desktop to a virtual terminal.

If the computer is running the *X Window System*, you can disable access to all virtual terminals by adding a `DontVTSwitch` option to the `ServerFlags` section in an X configuration file in the `/etc/X11/xorg.conf.d/` directory.

1. Create or edit an X configuration file in `/etc/X11/xorg.conf.d/`. For example, `/etc/X11/xorg.conf.d/10-xorg.conf`:

`/etc/X11/xorg.conf.d/10-xorg.conf`

```
Section "ServerFlags"

Option "DontVTSwitch" "yes"

EndSection
```

2. Restart the X server for the changes to take effect.

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### See Also

[Configure single-application mode](#) — Set up a kiosk-like, single-application system.

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