

Wake-on-LAN for macOS

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Introduction Wake on LAN (or WOL) allows you to remotely turn on a computer. **Note: WOL is available only on OS X 10.11 (El Capitan) or later.** **Enabling WOL on OS X** To enable WOL, do the following: For OSX it can be enabled from **System Preferences -> Energy Saver** by turning on **Wake for network access**. Restart the computer and boot into *Recovery mode* by holding **CMD+R** on boot until the Apple logo appears. Open **Terminal** from the **Utilities** menu. Disable **System Integrity Protection** by running the `csrutil disable; reboot` command. After OSX boots up, make sure you're logging in as an administrator and open **Terminal** from `/Applications/Utilities/Terminal.app`

Log in as root by running the `sudo -i` command in the terminal window. Edit the boot configuration file by running the `vim /Library/Preferences/SystemConfiguration/com.apple.Boot.plist` command. Press `i` to enter *Insert mode*. Find the Kernel Flags and change it to `Kernel Flags darkwake=0`

Press **Esc**, then input `:wq` and press **Enter** to save the file and quit **vim**. Run the reboot command. Boot into *Recovery mode* by holding **CMD+R** on boot time. Open **Terminal** from **Utilities** menu. Re-enable **System Integrity Protection** by running the `csrutil enable; reboot` command. After OSX boots up, disable the **Password Requirement** after sleep, by opening **System Preferences > Security & Privacy**, selecting the **General** tab, and unchecking the **Require password** field.

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