

# Ubuntu Reference

FOSSwire

Privileges	Network
<b>sudo command</b> - run <i>command</i> as root	<b>ifconfig</b> - show network information
<b>sudo -s</b> - open a root shell	<b>iwconfig</b> - show wireless information
<b>sudo -s -u user</b> - open a shell as <i>user</i>	<b>sudo iwlist scan</b> - scan for wireless networks
<b>sudo -k</b> - forget sudo passwords	<b>sudo /etc/init.d/networking restart</b> - reset network for manual configurations
<b>gksudo command</b> - visual sudo dialog (GNOME)	(file) <b>/etc/network/interfaces</b> - manual configuration
<b>kdesudo command</b> - visual sudo dialog (KDE)	<b>ifup interface</b> - bring <i>interface</i> online
<b>sudo visudo</b> - edit /etc/sudoers	<b>ifdown interface</b> - disable <i>interface</i>
<b>gksudo nautilus</b> - root file manager (GNOME)	
<b>kdesudo konqueror</b> - root file manager (KDE)	
<b>passwd</b> - change your password	
Display	Special Packages
<b>sudo /etc/init.d/gdm restart</b> - restart X and return to login (GNOME)	<b>ubuntu-desktop</b> - standard Ubuntu environment
<b>sudo /etc/init.d/kdm restart</b> - restart X and return to login (KDE)	<b>kubuntu-desktop</b> - KDE desktop
(file) <b>/etc/X11/xorg.conf</b> - display configuration	<b>xubuntu-desktop</b> - XFCE desktop
<b>sudo dexconf</b> - reset xorg.conf configuration	<b>ubuntu-minimal</b> - core Ubuntu utilities
<b>Ctrl+Alt+Bksp</b> - restart X display if frozen	<b>ubuntu-standard</b> - standard Ubuntu utilities
<b>Ctrl+Alt+FN</b> - switch to tty <i>N</i>	<b>ubuntu-restricted-extras</b> - non-free, but useful
<b>Ctrl+Alt+F7</b> - switch back to X display	<b>kubuntu-restricted-extras</b> - KDE of the above
	<b>xubuntu-restricted-extras</b> - XFCE of the above
System Services <sup>1</sup>	<b>build-essential</b> - packages used to compile programs
<b>start service</b> - start job <i>service</i> (Upstart)	<b>linux-image-generic</b> - latest generic kernel image
<b>stop service</b> - stop job <i>service</i> (Upstart)	<b>linux-headers-generic</b> - latest build headers
<b>status service</b> - check if <i>service</i> is running (Upstart)	
<b>/etc/init.d/service start</b> - start <i>service</i> (SysV)	Firewall <sup>1</sup>
<b>/etc/init.d/service stop</b> - stop <i>service</i> (SysV)	<b>ufw enable</b> - turn on the firewall
<b>/etc/init.d/service status</b> - check <i>service</i> (SysV)	<b>ufw disable</b> - turn off the firewall
<b>/etc/init.d/service restart</b> - restart <i>service</i> (SysV)	<b>ufw default allow</b> - allow all connections by default
<b>runlevel</b> - get current runlevel	<b>ufw default deny</b> - drop all connections by default
Package Management <sup>1</sup>	<b>ufw status</b> - current status and rules
<b>apt-get update</b> - refresh available updates	<b>ufw allow port</b> - allow traffic on <i>port</i>
<b>apt-get upgrade</b> - upgrade all packages	<b>ufw deny port</b> - block <i>port</i>
<b>apt-get dist-upgrade</b> - upgrade with package replacements; upgrade Ubuntu version	<b>ufw deny from ip</b> - block <i>ip</i> address
<b>apt-get install pkg</b> - install <i>pkg</i>	Application Names
<b>apt-get purge pkg</b> - uninstall <i>pkg</i>	<b>nautilus</b> - file manager (GNOME)
<b>apt-get autoremove</b> - remove obsolete packages	<b>dolphin</b> - file manager (KDE)
<b>apt-get -f install</b> - try to fix broken packages	<b>konqueror</b> - web browser (KDE)
<b>dpkg --configure -a</b> - try to fix broken packages	<b>kate</b> - text editor (KDE)
<b>dpkg -i pkg.deb</b> - install file <i>pkg.deb</i>	<b>gedit</b> - text editor (GNOME)
(file) <b>/etc/apt/sources.list</b> - APT repository list	System
	<b>Recovery</b> - Type the phrase "REISUB" while holding down Alt and SysRq (PrintScr) with about 1 second between each letter. Your system will reboot.
	<b>lsb_release -a</b> - get Ubuntu version
	<b>uname -r</b> - get kernel version
	<b>uname -a</b> - get all kernel information

1. Prefix commands with sudo to run.

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