

Ubuntu Reference

FOSSwire

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

1. Prefix commands with sudo to run.

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