

Allow a user to execute a command as the superuser or some other user.

Configuration	
<code>sudo SUDO_EDITOR=nano visudo</code>	Open the sudoer config file in the nano editor
<code>su -c visudo</code>	Use su when adding yourself to sudo
<code>%wheel ALL=(ALL:ALL) ALL</code>	For the group wheel : <ul style="list-style-type: none"> • ALL members of the group • On ALL hosts • As any (ALL) user • ALL commands
<code>tux ALL=(ALL) ALL</code>	User tux may run all commands on all hosts
<code>Defaults secure_path="\$PATH:/sbin"</code>	Set a new PATH variable during sudo usage
<code>Defaults mail_badpass</code>	Email an admin at incorrect password entry
<code>Defaults log_output</code> <code>Defaults!/usr/bin/sudoreplay !log_output</code> <code>Defaults!REBOOT !log_output</code>	Enable logging of command output, except the output of sudoreplay
<i>To keep most of the user's environment, set env_keep along with the variables you want to retain:</i>	
<pre>Defaults env_reset Defaults env_keep = "COLORS DISPLAY HOSTNAME HISTSIZE KDEDIR LS_COLORS" Defaults env_keep += "MAIL PS1 PS2 QTDIR USERNAME LANG LC_ADDRESS LC_CTYPE" Defaults env_keep += "LC_COLLATE LC_IDENTIFICATION LC_MEASUREMENT LC_MESSAGES" Defaults env_keep += "LC_MONETARY LC_NAME LC_NUMERIC LC_PAPER LC_TELEPHONE" Defaults env_keep += "LC_TIME LC_ALL LANGUAGE LINGUAS _XKB_CHARSET XAUTHORITY"</pre>	



Options

When no username is provided to sudo, root is assumed

<code>--user <name></code>	<code>-u</code>	Run as user <code><name></code> instead of root
<code>--login</code>	<code>-i</code>	Launch a login shell as user (like running su)
<code>--shell</code>	<code>-s</code>	Run the shell specified by user's environment
<code>--remove-timestamp</code>	<code>-K</code>	Force a password prompt the next time you use sudo
<code>--reset-timestamp</code>	<code>-k</code>	Invalidate (but do not remove) cached credentials
<code>--list</code>	<code>-l</code>	List your sudo permissions
<code>--list <command></code>	<code>-l</code>	Provide full path of <code><command></code>
<code>--chdir <dir></code>	<code>-D</code>	Run command in <code><dir></code> instead of your current directory
<code>--chroot <dir></code>	<code>-R</code>	Change to a new root <code><dir></code> before running command
<code>--host <name></code>	<code>-h</code>	Run command on the host <code><name></code>

Environment variables

<code>SUDO_EDITOR, VISUAL, EDITOR</code>	Editor to use to edit sudoer file
<code>HOME</code>	Set to home directory of target user
<code>SUDO_PS1</code>	Define the terminal prompt
<code>SUDO_USER</code>	Identity information for user running sudo
<code>SUDO_UID</code>	
<code>SUDO_GID</code>	
<code>LOGNAME, USER</code>	Identity information for target user

