



Sudo Cheat Sheet

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>	
<code>Defaults env_reset</code> <code>Defaults env_keep = "COLORS DISPLAY HOSTNAME HISTSIZE KDEDIR LS_COLORS"</code> <code>Defaults env_keep += "MAIL PS1 PS2 QTDIR USERNAME LANG LC_ADDRESS LC_CTYPE"</code> <code>Defaults env_keep += "LC_COLLATE LC_IDENTIFICATION LC_MEASUREMENT LC_MESSAGES"</code> <code>Defaults env_keep += "LC_MONETARY LC_NAME LC_NUMERIC LC_PAPER LC_TELEPHONE"</code> <code>Defaults env_keep += "LC_TIME LC_ALL LANGUAGE LINGUAS _XKB_CHARSET XAUTHORITY"</code>	





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Options

When no username is provided to sudo, root is assumed

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

Environment variables

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

