

# GENERIC LINUX COMMANDS

## LMS PROD OPEN NEW TERMINAL

```
gnome-terminal --geometry=157x54+0+0 --tab --command="ssh  
lms05.lms.ecu.edu.au" --tab --command="ssh lms07.lms.ecu.edu.au" --tab --  
command="ssh lms08.lms.ecu.edu.au" --tab --command="ssh  
lms10.lms.ecu.edu.au" --tab --command="ssh lms14.lms.ecu.edu.au" &
```

## RUN COMMAND AS ANOTHER USER

```
# sudo -u zabbix /app/wcms/bin/webmonitor homepage_nocache
```

## LIST LAST 5 RPMS INSTALLED

```
# rpm -qa --queryformat '%{installtime} (%{installtime:date}) %{name}\n' |  
sort -n | tail -5
```

## STRIP NON-DIRECTIVES FROM CONFIG

```
# egrep -v "^#|^$|[ ]*#" /etc/httpd.alt/conf/httpd.conf | less
```

## FIND SEGFAULTS IN APACHE ERRORS SORTED BY DATE

```
# zcat /var/log/httpd/error_log.*.gz |grep Seg|sort -k2|less  
# cat /var/log/httpd/error_log |grep Seg|sort -k2|less
```

## DISPLAY LIST OF LAST REBOOT ENTIERES

```
# last reboot | less
```

## CREATE SYMBOLIC LINKS

```
# ln -s /app/wcms/bin/findroots /usr/local/bin/
```

## LOGIN TO INTERNAL FIREWALL (from 139.230.244.)

```
# telnet jogwint.net.ecu.edu.au 259
```

## READ SSH KEY PROPERTIES

```
$ ssh-keygen -lf .ssh/id_rsa.pub
```

## SET PEAR TO USE PROXY

```
# pear config-set http_proxy  
http://bpm_applications:CRamge05@proxy.ecu.edu.au:80
```

## SET PROXY ENV

```
# export http_proxy="http://bpm_applications:CRamge05@proxy.ecu.edu.au:80"
```

## TAR CHECK

```
# tar -ztvf ../../wcms.ecu/bak/ecu_3_20_3-2009-08-25_10-08-  
backup.tar.gz|grep .dump
```

## EXTRACT SINGLE FILE FROM TAR

```
$ tar -zxvf ../../wcms.ecu/bak/ecu_3_20_3-2009-08-25_13-56-backup.tar.gz  
ecu_3_20_3/wcmsqa-2009-08-25_13-56.dump
```

## TAR WITH EXCLUDE

```
$ tar cvzf filename.tar.gz /dir1/dir2 --exclude "/dir1/dir2/direxcluded"
```

## MOVE FOLDER INTO ANOTHER FOLDER

```
# rsync -av CLT webarchive/
```

## RSYNC to local desktop

```
# rsync -avze ssh weekly/StaffDirLINUX
sspaldin@10.31.66.91:/cygdrive/c/Users/sspaldin/Desktop
rsync -avze ssh sspaldin@10.31.66.91:/cygdrive/c/Users/sspaldin/Desktop
```

## RSYNC EXCLUDE

```
$ rsync -avze ssh --exclude 'cache' --exclude 'data' root@webcms-jo-app-
prod01.cit.ecu.edu.au:/app/wcms/ecu_3_22_3/ .
```

## RESTORE FILES FROM BACKUP

```
# dsmc restore -inactive -pick /s02/vhosts/web01.ads.ecu.edu.au/htdocs/server/code/</code>
```

## RESTORE FILES TO A DIFFERENT LOCATION

```
# dsmc restore -pick -inactive -todate=29-09-2009
"/s01/wcms/ecu_3_22_3/data/private/logs/*.lo*" /tmp/restore/ -preser=none
```

Note: symbolic links don't work

## SOSREPORT

```
# sosreport -k
apache.log=on,cluster.gfslockdump=on,cluster.lockdump=on,devicemapper.lvmdu
p=on,general.syslogsize=on,kernel.modinfo=on,networking.traceroute=on,rpm.rp
mva=on,yum.yumlist=on,
```

## LIST PHP.INI

```
# grep -v "^;" /etc/php.ini | grep -v "^$" | less
```

## LIST PACKAGES

```
# rpm -qa |sort > /app/wcms.ecu/`hostname`-rpms.txt
```

## LIST FILES IN PACKAGE

```
# rpm -ql httpd
```

## LIST OPEN FILES, SORTED BY SIZE, OUTPUT TO DATED FILE

```
# lsof /s02 |sort -nr --key=7 |awk '{print $1,$2,$3,$7,$9}'  
>/tmp/lsof_s02_`date +%Y-%m-%dT%H-%M-%S`.txt
```

## WGET A PAGE SPECIFYING A HEADER AND OUTPUT FILE AND DISPLAYING HEADERS

```
# wget -S --no-cache --header "Host: www.ecu.edu.au" http://www.ecu.edu.au/  
-O index.html
```

## WATCH APACHE LOG FOR WARNINGS

```
# tail -f -n0 /var/log/httpd/error_log|grep warning
```

## UNTAR SINGLE FILE/DIRECTORY

```
# tar -x ecu_3_28_5/data/private/conf/* -vzf ecu_3_28_5-2011-08-11_11-23-  
backup.tar.gz  
# tar -x ecu_3_28_5/core/lib/web/images/icons/asset_map/matrix_logo.gif -vzf  
ecu_3_28_5-2011-08-11_11-23-backup.tar.gz
```

From:

<https://rpi64-wired.seanys.com/> - **It's in The Wiki**

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Last update: **2023/01/18 13:36**

