

Arquitectura de Servicios de Red Práctica 2

Miguel Oleo Blanco

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### Welcome to Ubuntu 28.94.3 LTS (GNU/Linux 5.11.8-34-generic x86_64)

### Documentation: https://help.ubuntu.com
### Management: https://landscape.comonical.com
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### Support: https://ubuntu.com/advantage

13 updates can be applied immediately.
10 see these additional updates run: apt list —upgradable

**Vour Hardware Enablement Stack (HME) is supported until April 2025.
**Last login: Wed Sep 15 11:25:24 2021 from 18.0-2.2
**Iniquelomiquel-VirtualBox:-$ Is -1s
**Iniquelomiquel iniquel 4096 sep 16 10:52
**Iniquelomiquel iniquel iniquel 220 sep 8 11:35
**Iniquelomiquel iniquel iniquel 270 sep 8 11:35
**Iniquelomiquel iniquel iniquel 3771 sep 8 11:35
**Iniquelomiquel iniquel iniq
```

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• • •
                                                                                                                    miguel — miguel@miguel-VirtualBox: ~ — ssh miguel@localhost -p 2222 — 133×48
 [miguel@miguel-VirtualBox:~/Downloads$ 1s
NASA_access_log_Jul95
[miguel@miguel-VirtualBox:~/Downloads$ cd .
 miguel@miguel-VirtualBox:-$ mv ./Downloads/NASA_access_log_Jul95 .
miguel@miguel-VirtualBox:-$ 1s
 Desktop Documents Downloads Music NASA access log Jul95 Pictures Public Templates Videos html index.html shared
Desktop Documents Downloads Music NASA_access_log_JUI'
miguel@miguel=VirtualBox:~$ sudo apt-get install aptitude
[[sudo] password for miguel:
Reading package lists... Done
Building dependency tree
Reading state information... Done
 aptitude is already the newest version (0.8.12-1ubuntu4).
0 upgraded, 0 newly installed, 0 to remove and 13 not upgraded.
|miguel@miguel-VirtualBox:~$ aptitude search grace
                                                                                                                                                                                                                                                                   - Graceful restart & zero downtime deploy for Go servers
- Go package for gracefully shutting down HTTP server
- XY graphing and plotting tool
                golang-github-facebookgo-grace-dev
golang-gopkg-tylerb-graceful.v1-dev
                  grace
p grace — A graphing and plotting node-graceful-fs — drop-in replacement impi p python3-pygrace — Python3 bindings for grace — E: Could not open lock file /var/lib/dpkg/lock-frontend - open (13: Permission denied) — E: Unable to acquire the dpkg frontend lock (/var/lib/dpkg/lock-frontend), are you root? 
|miguel@miguel-VirtualBox:-$ sudo aptitude install grace | Python3 bindings for grace |
                                                                                                                                                                                                                                                                    - drop-in replacement improving the Node.js fs module
                                                                                                                                                                                                                                                                      - Python3 bindings for grace
[msguel@msguel-virtualBox:~$ sudo aptitude install grace
The following NEW packages will be installed:
    grace gsfonts{a} libaec0{a} libfftw3-double3{a} libgfortran5{a} libhdf5-103{a} libmotif-common{a} libnetcdf15{a}
    libquadmath0{a} libsz2{a} libutempter0{a} libxbae4m{a} libxm4{a} libxmh4tm11.1{a} xfonts-100dpi{a} xterm{a}
0 packages upgraded, 16 newly installed, 0 to remove and 13 not upgraded.
Need to get 13,7 MB of archives. After unpacking 30,6 MB will be used.
Do you want to continue? [Y/n/?] Y
Get: 6 http://es.archive.ubuntu.com/ubuntu focal/main amd64 libfftw3-double3 amd64 3.3.8-2ubuntu1 [728 kB]
Get: 7 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libguadmath0 amd64 10.3.0-1ubuntu1-20.04 [146 kB]
Get: 8 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libgfortran5 amd64 10.3.0-1ubuntu1-20.04 [736 kB]
Get: 9 http://es.archive.ubuntu.com/ubuntu focal/universe amd64 libaec0 amd64 1.0.4-1 [19.1 kB]
Get: 10 http://es.archive.ubuntu.com/ubuntu focal/universe amd64 libaec0 amd64 1.0.4-1 [5.188 B]
Get: 11 http://es.archive.ubuntu.com/ubuntu focal/universe amd64 libhdf5-103 amd64 1.0.4-repack-11ubuntu1 [1.311 kB]
Get: 12 http://es.archive.ubuntu.com/ubuntu focal/universe amd64 libhaec0 amd64 1.6.7-1 [341 kB]
Get: 13 http://es.archive.ubuntu.com/ubuntu focal/universe amd64 libhaeadm amd64 4.6.0-4-7 [165 kB]
Get: 14 http://es.archive.ubuntu.com/ubuntu focal/universe amd64 libbmhtm11.1 amd64 1.1.10-3 [209 kB]
Get: 14 http://es.archive.ubuntu.com/ubuntu focal/universe amd64 libbmhtm11.1 amd64 1.5.7-build1 [1.324 kB]
 Get: 15 http://es.archive.ubuntu.com/ubuntu focal/universe amd64 grace amd64 1:5.1.25-7build1 [1.342 kB] Get: 16 http://es.archive.ubuntu.com/ubuntu focal/universe amd64 xfonts-100dpi all 1:1.0.4+nmu1 [3.823 kB] Fetched 13,7 MB in 1s (12,6 MB/s)
 Selecting previously unselected package libmotif-common. (Reading database ... 169930 files and directories currently installed.)
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| miguel@miguel-VirtualBox:-S w. --help |
| usage: we [OPTION]... [FitEl]... |
| or: we [OPTION]... | FitEl]... |
| or: w
```

```
miguel — miguel@miguel-VirtualBox: ~ — ssh miguel@localhost -p 2222 — 98×7

|miguel@miguel-VirtualBox:~$ wc -1 NASA_access_log_Jul95
1891714 NASA_access_log_Jul95
|miguel@miguel-VirtualBox:~$ awk '{if($9 == 404){print $0}}' NASA_access_log_Jul95 | uniq | wc -1 |
10687
|miguel@miguel-VirtualBox:~$ ||
```

```
miguel — miguel@miguel-VirtualBox: ~ — ssh miguel@localhost -p 2222 — 106×5

[miguel@miguel-VirtualBox:~$ awk '{print $7}' NASA_access_log_Jul95 | sort | uniq -c | sort | tail -1

111144 /images/NASA-logosmall.gif
miguel@miguel-VirtualBox:~$ ||
```

```
miguel—miguel@miguel-VirtualBox: ~ - ssh miguel@localhost -p 2222 — 106x13

[miguel@miguel-VirtualBox: ~ $ awk '{print $1}' NASA_access_log_Jul95 | sort | uniq -c | sort -r | head 17572 piweba3y.prodigy.com 1591 piweba4y.prodigy.com 7862 alyssa.prodigy.com 7852 alyssa.prodigy.com 7573 siltb10.orl.mmc.com 5922 piweba2y.prodigy.com 5434 edams.ksc.nasa.gov 4966 163.206.89.4 4863 news.ti.com 4353 disarray.demon.co.uk miguel@miguel-VirtualBox: ~ $
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miguel — miguel — miguel@miguel-VirtualBox: ~— ssh miguel@localhost -p 2222 — 134x14

| miguel@miguel=VirtualBox: ** sort -k10 -n -r NASA_access_log_Jul95 | head derec - [67/Jul/1995:14:83:32 -0400] "GET /shuttle/countdown/video/livevideo.jpeg HTTP/1.0" 200 6823936 | wuzza.harvard.edu - [22/Jul/1995:13:08:18 -0400] "GET /statistics/1995/bkup/Mar95_full.html HTTP/1.0" 200 3155499 | spider.tbe.com - [67/Jul/1995:19:28:56 -0400] "GET /statistics/1995/bkup/Mar95_full.html HTTP/1.0" 200 3155499 | netspace.net.au - [69/Jul/1995:19:214 -0400] "GET /statistics/1995/bkup/Mar95_full.html HTTP/1.0" 200 3155499 | jcj8363.dukepower.com - [17/Jul/1995:13:33:101 -0400] "GET /statistics/1995/bkup/Mar95_full.html HTTP/1.0" 200 3155499 | acf4.nyu.edu - [13/Jul/1995:14:38:43 -0400] "GET /statistics/1995/bkup/Mar95_full.html HTTP/1.0" 200 3155499 | 198.122.135.40 - [25/Jul/1995:17:58:56 -0400] "GET /statistics/1995/bkup/Mar95_full.html HTTP/1.0" 200 3155499 | 163.206.89.4 - [14/Jul/1995:09:11:29 -0400] "GET /statistics/1995/bkup/Mar95_full.html HTTP/1.0" 200 3155499 | www-b6.proxy.aol.com - [08/Jul/1995:22:33:46 -0400] "GET /statistics/1995/Jun/Jun95_reverse_domains.html HTTP/1.0" 200 2973350 | miguel@miguel-VirtualBox:-$
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