



INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DO CEARÁ

IFCE CAMPUS FORTALEZA

TELEMÁTICA

Disciplina: Administração de serviços de rede

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```

Service restarts being deferred:
/etc/needrestart/restart.d/dbus.service
systemctl restart networkd-dispatcher.service
systemctl restart systemd-logind.service
systemctl restart unattended-upgrades.service
systemctl restart user@1000.service

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.

root@calango:/home/eumesmo#
root@calango:/home/eumesmo# ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
    inet 10.112.16.223  netmask 255.255.224.0  broadcast 10.112.31.255
    inet6 fe80::a00:27ff:feb6:2f52  prefixlen 64  scopeid 0x20<link>
    ether 08:00:27:b6:2f:52  txqueuelen 1000  (Ethernet)
    RX packets 179516  bytes 214404479 (214.4 MB)
    RX errors 0  dropped 538  overruns 0  frame 0
    TX packets 41164  bytes 2922485 (2.9 MB)
    TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

```

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Não seguro

10.112.16.223

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Apache2 Default Page

Ubuntu

It works!

This is the default welcome page used to test the correct operation of the Apache installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Apache packaging is derived. If you can read this page, it means that the Apache web server is working properly. You should **replace this file** (located at `/var/www/html/index.html`) with your own content, continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, you should contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration in several files optimized for interaction with Ubuntu tools. The configuration system is described in [/usr/share/doc/apache2/README.Debian.gz](#). Refer to this for the full documentation. The configuration files for the web server itself can be found by accessing the **manual** in the `/usr/share/doc/apache2` package.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```

/etc/apache2/
|-- apache2.conf
|-- httpd.conf

```

Apache instalado e habilitado.

```
root@calango:/home/eumesmo# systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
   Active: active (running) since Thu 2023-09-14 23:45:46 UTC; 24min ago
     Docs: https://httpd.apache.org/docs/2.4/
  Main PID: 659 (apache2)
    Tasks: 55 (limit: 4520)
   Memory: 7.8M
      CPU: 221ms
   CGroup: /system.slice/apache2.service
           └─659 /usr/sbin/apache2 -k start
             └─660 /usr/sbin/apache2 -k start
               └─661 /usr/sbin/apache2 -k start
```

Versão do Apache

```
root@calango:/home/eumesmo# apache2 -v
Server version: Apache/2.4.52 (Ubuntu)
Server built:   2023-05-03T20:02:51
```

MariaDB instalado e habilitado.

```
root@calango:/home/eumesmo# apt install -y mariadb-server mariadb-client
A ler as listas de pacotes... Pronto
A construir árvore de dependências... Pronto
A ler a informação de estado... Pronto
The following additional packages will be installed:
  galera-4 libfcgi-fast-perl libfcgi-pm-perl libconfig-inifiles-perl libdaxctl1 libdbd-mysql-perl libdbi-perl
  libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-template-perl libmariadb3 libmysqlclient21 libndctl6
  libpmem1 libsnappy1v5 liburing2 mariadb-client-10.6 mariadb-client-core-10.6 mariadb-common
  mariadb-server-10.6 mariadb-server-core-10.6 mysql-common socat
Pacotes sugeridos:
  libmldbm-perl libnet-daemon-perl libsql-statement-perl libipc-sharedcache-perl mailx mariadb-test
```

```
root@calango:/home/eumesmo# systemctl status mariadb
● mariadb.service - MariaDB 10.6.12 database server
   Loaded: loaded (/lib/systemd/system/mariadb.service; enabled; vendor preset: enabled)
   Active: active (running) since Fri 2023-09-15 00:21:41 UTC; 21s ago
     Docs: man:mariadbd(8)
           https://mariadb.com/kb/en/library/systemd/
   Process: 3307 ExecStartPre=/usr/bin/install -m 755 -o mysql -g root -d /var/run/mysql (
   ExecStartPre=/bin/sh -c [ ! -e /usr/bin/galera_recovery ] && VAR= || VAR=`cd /usr/bin/..;
tc/mysql/debian-start (code=exited, status=0/SUCCESS)
   Main PID: 3339 (mariadbd)
    Status: "Taking your SQL requests now..."
     Tasks: 15 (limit: 4520)
    Memory: 61.6M
       CPU: 834ms
    CGroup: /system.slice/mariadb.service
            └─3339 /usr/sbin/mariadbd
```

```
root@calango:/home/eumesmo# systemctl start mariadb
root@calango:/home/eumesmo# systemctl enable mariadb
Synchronizing state of mariadb.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable mariadb
root@calango:/home/eumesmo# mariadb --version
mariadb Ver 15.1 Distrib 10.6.12-MariaDB, for debian-linux-gnu (x86_64) using Editline wrapper
root@calango:/home/eumesmo#
```

```
root@calango:/home/eumesmo# mysql_secure_installation

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB
SERVERS IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current
password for the root user. If you've just installed MariaDB, and
haven't set the root password yet, you should just press enter here.

Enter current password for root (enter for none):
OK, successfully used password, moving on...

Setting the root password or using the unix_socket ensures that nobody
can log into the MariaDB root user without the proper authorisation.

You already have your root account protected, so you can safely answer 'n'.

Switch to unix_socket authentication [Y/n] y
Enabled successfully!
Reloading privilege tables..
... Success!
```

PHP

```
root@calango:/home/eumesmo# php --version
PHP 8.3.0RC1 (cli) (built: Sep  2 2023 06:34:23) (NTS)
Copyright (c) The PHP Group
Zend Engine v4.3.0RC1, Copyright (c) Zend Technologies
with Zend OPcache v8.3.0RC1, Copyright (c), by Zend Technologies
```

```
root@calango:/home/eumesmo# a2enmod php8.3
Considering dependency mpm_prefork for php8.3:
Considering conflict mpm_event for mpm_prefork:
Considering conflict mpm_worker for mpm_prefork:
Module mpm_prefork already enabled
Considering conflict php5 for php8.3:
Module php8.3 already enabled
root@calango:/home/eumesmo# systemctl restart apache2
```

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Todos os favoritos

PHP Version 8.3.0RC1



System	Linux calango 6.2.0-32-generic #32~22.04.1-Ubuntu SMP PREEMPT_DYNAMIC Fri Aug 18 10:40:13 UTC 2023; x86_64
Build Date	Sep 2 2023 06:34:23
Build System	Linux
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/8.3/apache2
Loaded Configuration File	/etc/php/8.3/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/8.3/apache2/conf.d
Additional .ini files parsed	/etc/php/8.3/apache2/conf.d/10-opcache.ini, /etc/php/8.3/apache2/conf.d/10-pdo.ini, /etc/php/8.3/apache2/conf.d/20-calendar.ini, /etc/php/8.3/apache2/conf.d/20-ctype.ini, /etc/php/8.3/apache2/conf.d/20-exif.ini, /etc/php/8.3/apache2/conf.d/20-ffi.ini, /etc/php/8.3/apache2/conf.d/20-fileinfo.ini, /etc/php/8.3/apache2/conf.d/20-ftp.ini, /etc/php/8.3/apache2/conf.d/20-gettext.ini, /etc/php/8.3/apache2/conf.d/20-iconv.ini, /etc/php/8.3/apache2/conf.d/20-phar.ini, /etc/php/8.3/apache2/conf.d/20-posix.ini, /etc/php/8.3/apache2/conf.d/20-readline.ini, /etc/php/8.3/apache2/conf.d/20-shmop.ini, /etc/php/8.3/apache2/conf.d/20-sockets.ini, /etc/php/8.3/apache2/conf.d/20-sysvmsg.ini, /etc/php/8.3/apache2/conf.d/20-sysvsem.ini, /etc/php/8.3/apache2/conf.d/20-sysvshm.ini, /etc/php/8.3/apache2/conf.d/20-tokenizer.ini
PHP API	20230831
PHP Extension	20230831