



INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DO CEARÁ
IFCE CAMPUS FORTALEZA
TELEMÁTICA

Disciplina: **Administração de serviços de rede** (01.302.25)

Professor: **Ricardo Taveira**

Aluno: **Carlos Gabriel Sacramento de Oliveira**

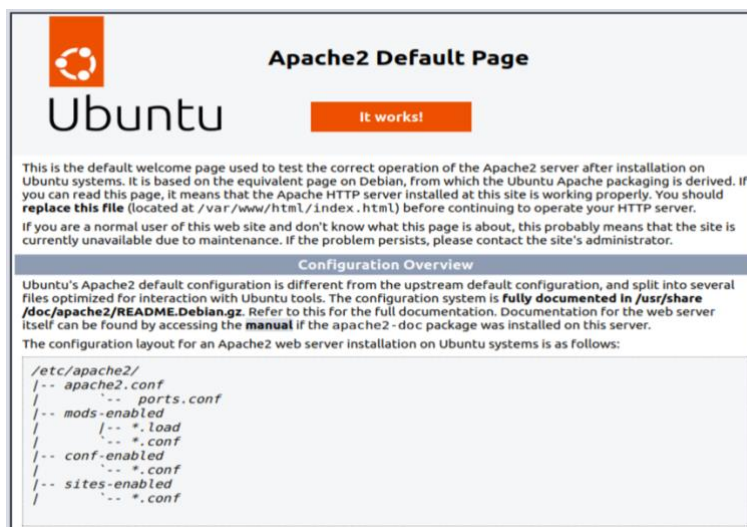
Avaliação 4 - LAMP

Instalar o LAMP(Linux/Apache/MariaDB-MYSQL/PHP) conforme o tutorial definido em <https://ubunlog.com/pt/lamp-instala-apache-mariadb-php-ubuntu-20-04/> Evidenciar com prints das etapas de conclusão do Apache, do Banco de Dados e do PHP.

Apache:

```
asr@asr:~$ systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor prese
   Active: active (running) since Thu 2023-10-12 19:01:53 -03; 33s ago
     Docs: https://httpd.apache.org/docs/2.4/
    Main PID: 25266 (apache2)
      Tasks: 55 (limit: 9746)
     Memory: 5.1M
        CPU: 64ms
    CGroup: /system.slice/apache2.service
            └─25266 /usr/sbin/apache2 -k start
              └─25267 /usr/sbin/apache2 -k start
                └─25268 /usr/sbin/apache2 -k start

asr@asr:~$ apache2 -v
Server version: Apache/2.4.52 (Ubuntu)
Server built:   2023-05-03T20:02:51
asr@asr:~$
```



MariaDB:

```
asr@asr:~$ 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 Thu 2023-10-12 19:15:47 -03; 3min 57s ago
     Docs: man:mariadb(8)
           https://mariadb.com/kb/en/library/systemd/
   Process: 26626 ExecStartPre=/usr/bin/install -m 755 -o mysql -g root -d /var/run/mysqld (code=exited, status=0/SUCCESS)
   Process: 26627 ExecStartPre=/bin/sh -c systemctl unset-environment _WSREP_START_POSITION (code=exited, status=0/SUCCESS)
   Process: 26629 ExecStartPre=/bin/sh -c [ ! -e /usr/bin/galera_recovery ] && VAR= || VAR='cd /usr/bin/..; >
   Process: 26675 ExecStartPost=/bin/sh -c systemctl unset-environment _WSREP_START_POSITION (code=exited, status=0/SUCCESS)
   Process: 26677 ExecStartPost=/etc/mysql/debian-start (code=exited, status=0/SUCCESS)
  Main PID: 26658 (mariadb)
    Status: "Taking your SQL requests now..."
     Tasks: 9 (limit: 9746)
    Memory: 61.3M
       CPU: 754ms
    CGroup: /system.slice/mariadb.service
            └─26658 /usr/sbin/mariadb

asr@asr:~$ mariadb --version
mariadb Ver 15.1 Distrib 10.6.12-MariaDB, for debian-linux-gnu (x86_64) using EditLine wrapper
asr@asr:~$
```

```
Remove anonymous users? [Y/n] y
... Success!

Normally, root should only be allowed to connect from 'localhost'. This
ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n] n
... skipping.

By default, MariaDB comes with a database named 'test' that anyone can
access. This is also intended only for testing, and should be removed
before moving into a production environment.

Remove test database and access to it? [Y/n] y
- Dropping test database...
... Success!
- Removing privileges on test database...
... Success!

Reloading the privilege tables will ensure that all changes made so far
will take effect immediately.

Reload privilege tables now? [Y/n] y
... Success!

Cleaning up...

All done! If you've completed all of the above steps, your MariaDB
installation should now be secure.

Thanks for using MariaDB!
asr@asr:~$
```

PHP:

→ ↺


localhost/info.php

150%

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PHP Version 8.1.2-1ubuntu2.14



| | |
|---|---|
| System | Linux asr 6.2.0-34-generic #34~22.04.1-Ubuntu SMP PREEMPT_DYNAMIC Thu Sep 7 13:12:03 UTC 2 x86_64 |
| Build Date | Aug 18 2023 11:41:11 |
| Build System | Linux |
| Server API | Apache 2.0 Handler |
| Virtual Directory Support | disabled |
| Configuration File (php.ini) Path | /etc/php/8.1/apache2 |
| Loaded Configuration File | /etc/php/8.1/apache2/php.ini |
| Scan this dir for additional .ini files | /etc/php/8.1/apache2/conf.d |
| Additional .ini files parsed | /etc/php/8.1/apache2/conf.d/10-mysqld.ini, /etc/php/8.1/apache2/conf.d/10-opcache.ini, /etc/php/8.1/apache2/conf.d/10-pdo.ini, /etc/php/8.1/apache2/conf.d/20-calendar.ini, /etc/php/8.1/apache2/conf.d/20-ctype.ini, /etc/php/8.1/apache2/conf.d/20-exif.ini, /etc/php/8.1/apache2/conf.d/20-ffi.ini, /etc/php/8.1/apache2/conf.d/20-fileinfo.ini, /etc/php/8.1/apache2/conf.d/20-ftp.ini, /etc/php/8.1/apache2/conf.d/20-gettext.ini, /etc/php/8.1/apache2/conf.d/20-iconv.ini, /etc/php/8.1/apache2/conf.d/20-mysqli.ini, /etc/php/8.1/apache2/conf.d/20-pdo_mysql.ini, /etc/php/8.1/apache2/conf.d/20-phar.ini, /etc/php/8.1/apache2/conf.d/20-posix.ini, /etc/php/8.1/apache2/conf.d/20-readline.ini, /etc/php/8.1/apache2/conf.d/20-shmop.ini, /etc/php/8.1/apache2/conf.d/20-sockets.ini, /etc/php/8.1/apache2/conf.d/20-sysvmsg.ini, /etc/php/8.1/apache2/conf.d/20-sysvsem.ini, /etc/php/8.1/apache2/conf.d/20-sysvshm.ini, /etc/php/8.1/apache2/conf.d/20-tokenizer.ini |
| PHP API | 20210902 |
| PHP Extension | 20210902 |
| Zend Extension | 420210902 |
| Zend Extension Build | API420210902,NTS |
| PHP Extension Build | API20210902,NTS |
| Debug Build | no |
| Thread Safety | disabled |
| Zend Signal Handling | enabled |
| Zend Memory Manager | enabled |
| Zend Multibyte Support | disabled |
| IPv6 Support | enabled |
| DTrace Support | available, disabled |
| Registered PHP Streams | https, ftps, compress.zlib, php, file, glob, data, http, ftp, phar |
| Registered Stream Socket Transports | tcp, udp, unix, udg, ssl, tls, tlsv1.0, tlsv1.1, tlsv1.2, tlsv1.3 |
| Registered Stream Filters | zlib.*, string.rot13, string.toupper, string.tolower, convert.*, consumed, dechunk, convert.iconv.* |

This program makes use of the Zend Scripting Language Engine:
Zend Engine v4.1.2, Copyright (c) Zend Technologies
with Zend OPcache v8.1.2-1ubuntu2.14, Copyright (c), by Zend Technologies

