



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

Disciplina: **Administração de serviços de rede**

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### 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.

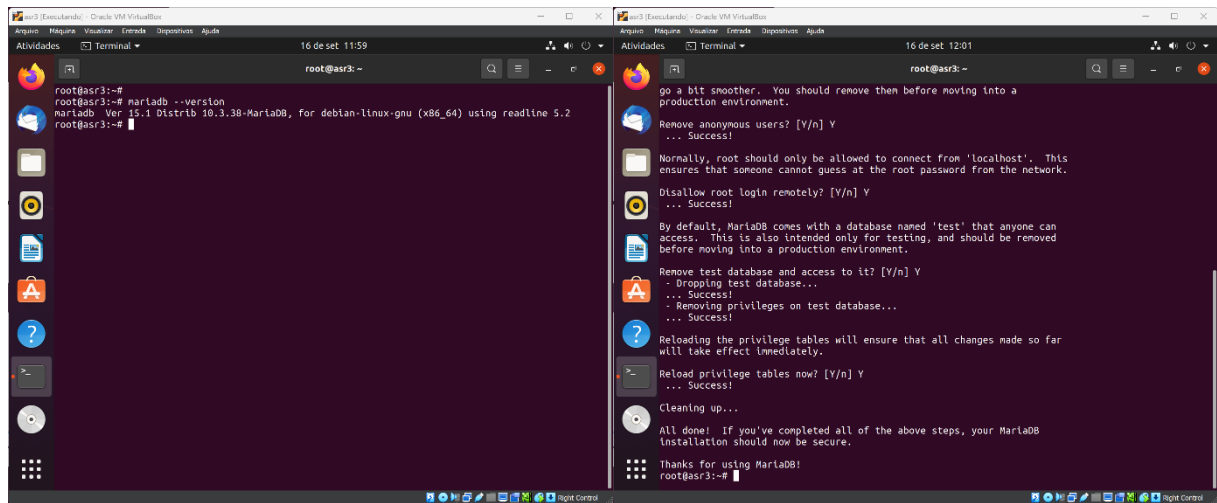
Apache:

```
root@asr3:~# systemctl status apache2
apache2.service - The Apache HTTP Server
Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
Active: active (running) since Sat 2023-09-16 11:46:33 -03; 1min 24s ago
Docs: https://httpd.apache.org/docs/2.4/
Main PID: 37530 (apache2)
Tasks: 35 (limit: 15511)
Memory: 5.0M
CGroup: /system.slice/apache2.service
├─37530 /usr/sbin/apache2 -k start
├─37531 /usr/sbin/apache2 -k start
└─37532 /usr/sbin/apache2 -k start

Sep 16 11:46:33 asr3 systemd[1]: Starting The Apache HTTP Server...
Sep 16 11:46:33 asr3 systemd[1]: Started The Apache HTTP Server.
root@asr3:~#

root@asr3:~# apache2 -v
Server version: Apache/2.4.41 (Ubuntu)
Server built: 2023-03-08T17:32:54
root@asr3:~#
```

## MariaDB:

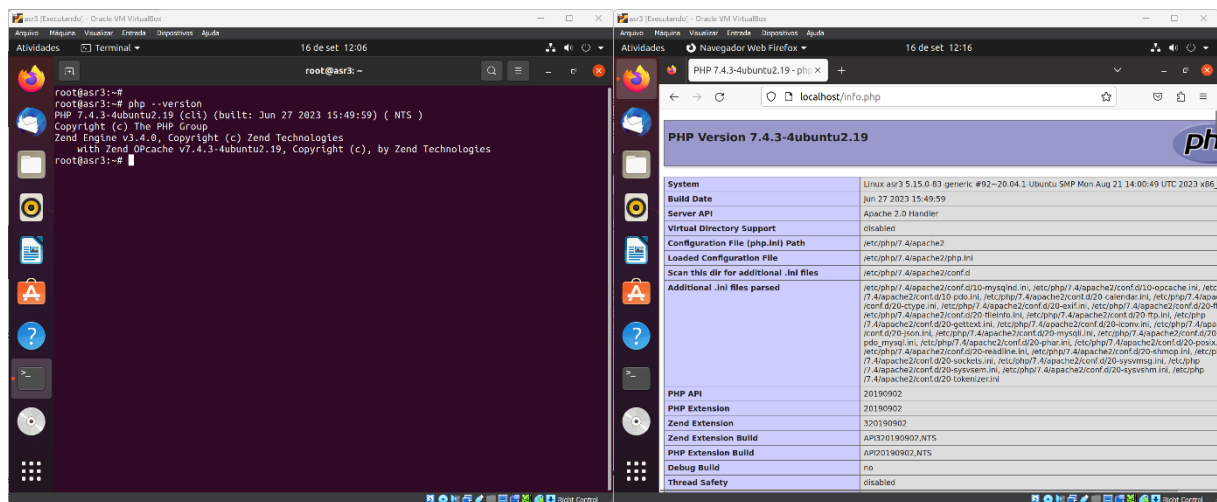


The image shows two terminal windows side-by-side, both running on a Linux system (Ubuntu 22.04 LTS). The left window shows the initial installation of MariaDB, including the version check and the removal of the test database. The right window shows the completion of the installation, including the removal of anonymous users, disabling root login remotely, and reloading the privilege tables.

```
root@asr3:~# mariadb --version
mariadb Ver 15.1 Distrib 10.3.38-MariaDB, for debian-linux-gnu (x86_64) using readline 5.2
root@asr3:~#

root@asr3:~# go a bit smoother. You should remove them before moving into a
production environment.
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] Y
... Success!
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!
root@asr3:~#
```

## PHP:



The image shows two terminal windows side-by-side, both running on a Linux system (Ubuntu 22.04 LTS). The left window shows the installation of PHP 7.4.3, including the version check and the removal of the test database. The right window shows the completion of the installation, including the removal of anonymous users, disabling root login remotely, and reloading the privilege tables.

```
root@asr3:~# php --version
PHP 7.4.3-4ubuntu2.19 (cli) (built: Jun 27 2023 15:49:59) ( NTS )
Copyright (c) The PHP Group
Zend Engine v3.4.0, Copyright (c) Zend Technologies
with Zend OPcache v7.4.3-4ubuntu2.19, Copyright (c), by Zend Technologies
root@asr3:~#
```

The right window shows a web browser displaying the PHP information page at `localhost/info.php`. The page displays the following information:

PHP Version 7.4.3-4ubuntu2.19	
System	Linux asr3 5.15.0-83-generic #92-20.04.1 Ubuntu SMP Mon Aug 21 14:00:49 UTC 2023; x86_64
Build Date	Jun 27 2023 15:49:59
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.4/apache2
Loaded Configuration File	/etc/php/7.4/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/7.4/apache2/conf.d
Additional .ini files parsed	/etc/php/7.4/apache2/conf.d/10-mysqlnd.ini, /etc/php/7.4/apache2/conf.d/10-opcache.ini, /etc/php/7.4/apache2/conf.d/10-pdo.ini, /etc/php/7.4/apache2/conf.d/10-redis.ini, /etc/php/7.4/apache2/conf.d/10-sockets.ini, /etc/php/7.4/apache2/conf.d/10-sysvmsg.ini, /etc/php/7.4/apache2/conf.d/10-sysvshm.ini, /etc/php/7.4/apache2/conf.d/10-tokenizer.ini
PHP API	20190902
PHP Extension	20190902
Zend Extension	320190902
Zend Extension Build	API320190902.NTS
PHP Extension Build	API20190902.NTS
Debug Build	no
Thread Safety	disabled