

Vultr LAMP SETUP ONE-CLICK

The web document root is located at /var/www/html/. You can create .php or .html files in that folder. For example, uploading a PHP file to /var/www/html/donut.php would make the file accessible in your web browser at [http://\[SERVER_IP\]/donut.php](http://[SERVER_IP]/donut.php).

The VPS also runs a MySQL database server. You can connect to the database with the following command:

```
mysql -u root
```

The MySQL root password is saved on the VPS in /root/.my.cnf.

```
ssh root@ip
```

```
terminal
```

```
Welcome to Ubuntu 18.04.4 LTS (GNU/Linux 4.15.0-88-generic x86_64)
```

```
* Documentation: https://help.ubuntu.com
* Management:   https://landscape.canonical.com
* Support:      https://ubuntu.com/advantage
```

```
System information as of Fri Apr 10 13:01:51 UTC 2020
```

```
System load: 0.31          Processes:      91
Usage of /:  4.9% of 54.09GB Users logged in:  0
Memory usage: 15%          IP address for ens3: 139.180.223.7
Swap usage:  0%
```

```
72 packages can be updated.
31 updates are security updates.
```

```
root@vultr:~# sudo apt-get update
root@vultr:~# sudo apt-get upgrade -y
root@vultr:~# ll
total 28
drwx----- 4 root root 4096 Apr 10 13:00 ./
drwxr-xr-x 23 root root 4096 Mar 10 00:01 ../
-rw-r--r-- 1 root root 3106 Apr  9 2018 .bashrc
drwx----- 2 root root 4096 Mar 10 00:01 .cache/
drwx----- 3 root root 4096 Mar 10 00:01 .gnupg/
-rw-r--r-- 1 root root  44 Apr 10 13:00 .my.cnf
-rw-r--r-- 1 root root 148 Aug 17 2015 .profile
root@vultr:~# cat /root/.my.cnf
[client]
user=root
password=RWoE0vK7uj8W3vd
```

```
root@vultr:~# mysql -u root
```

```
root@vultr:~# cd /var/www/html/
```

```
root@vultr:/var/www/html#
```

```
root@vultr:/var/www/html# touch donut.php
```

```
root@vultr:/var/www/html# vim donut.php
```

```
root@vultr:/var/www/html# cat donut.php
```

```
<?php
```

```
phpinfo();
```

```
?>
```

```
root@vultr:/var/www/html# ll
```

```
total 24
```

```
root@vultr:/var/www/html# vim connect.php
```

```
root@vultr:/var/www/html# cat connect.php
```

```
<?php
```

```
$servername = "localhost";
```

```
$username = "root";
```

```
$password = "RWoE0vK7uj8W3vd";
```

```
// Create connection
```

```
$conn = new mysqli($servername, $username, $password);
```

```
// Check connection
```

```
if ($conn->connect_error) {
```

```
    die("Connection failed: " . $conn->connect_error);
```

```
}
```

```
echo "Connected successfully";
```

```
?>
```

```
root@vultr:/var/www/html# cd ..
```

```
root@vultr:/var/www# cd ..
```

```
root@vultr:/var# cd ..
```

```
root@vultr:/# cd ..
```

```
root@vultr:/#
```

```
root@vultr:/# mysql -u root
```

```
Welcome to the MySQL monitor.  Commands end with ; or \g.
```

```
Your MySQL connection id is 5
```

```
Server version: 5.7.29-0ubuntu0.18.04.1 (Ubuntu)
```

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> CREATE DATABASE testDB;
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> SHOW DATABASES;
```

```
+-----+
```

```
| Database      |
+-----+
| information_schema |
| mysql         |
| performance_schema |
| sys           |
| testDB        |
+-----+
```

5 rows in set (0.01 sec)

```
mysql> USE testDB;
```

Database changed

```
mysql> CREATE TABLE Persons (
```

```
->   PersonID int,
->   LastName varchar(255),
->   FirstName varchar(255),
->   Address varchar(255),
->   City varchar(255)
-> );
```

Query OK, 0 rows affected (0.01 sec)

```
mysql> INSERT INTO Persons(PersonID,LastName,FirstName,Address,City)
VALUES('1','Wijit','kanit','54/3','BKK');
```

Query OK, 1 row affected (0.03 sec)

```
mysql> select * from Persons;
```

```
+-----+-----+-----+-----+-----+
| PersonID | LastName | FirstName | Address | City |
+-----+-----+-----+-----+-----+
|      1 | Wijit   | kanit    | 54/3    | BKK  |
+-----+-----+-----+-----+-----+
```

1 row in set (0.00 sec)

```
mysql> ^C
```

```
^C
```

```
mysql>
```

```
[2]+  Stopped                  mysql -u root
```

```
root@vultr:/# cd /var/www/html/
```

```
root@vultr:/var/www/html# nano connect.php
```

```
root@vultr:/var/www/html# cat connect.php
```

```
<?php
```

```
$servername = "localhost";
```

```
$username = "root";
```

```
$password = "RWoE0vK7uj8W3vd";
```

```
$db = "testDB";
```

```
// Create connection
```

```
$conn = new mysqli($servername, $username, $password,$db);
```

```
// Check connection
```

```
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
echo "Connected successfully";

$sql = "SELECT * FROM Persons";
$result = $conn->query($sql);
if ($result->num_rows > 0) {
    // output data of each row
    while($row = $result->fetch_assoc()) {
        echo "id: " . $row["PersonID"]. " - Name: " . $row["FirstName"]. " " . $row["LastName"].
"<br>";
    }
} else {
    echo "0 results";
}
$conn->close();
```

?>

root@vultr:/var/www/html#