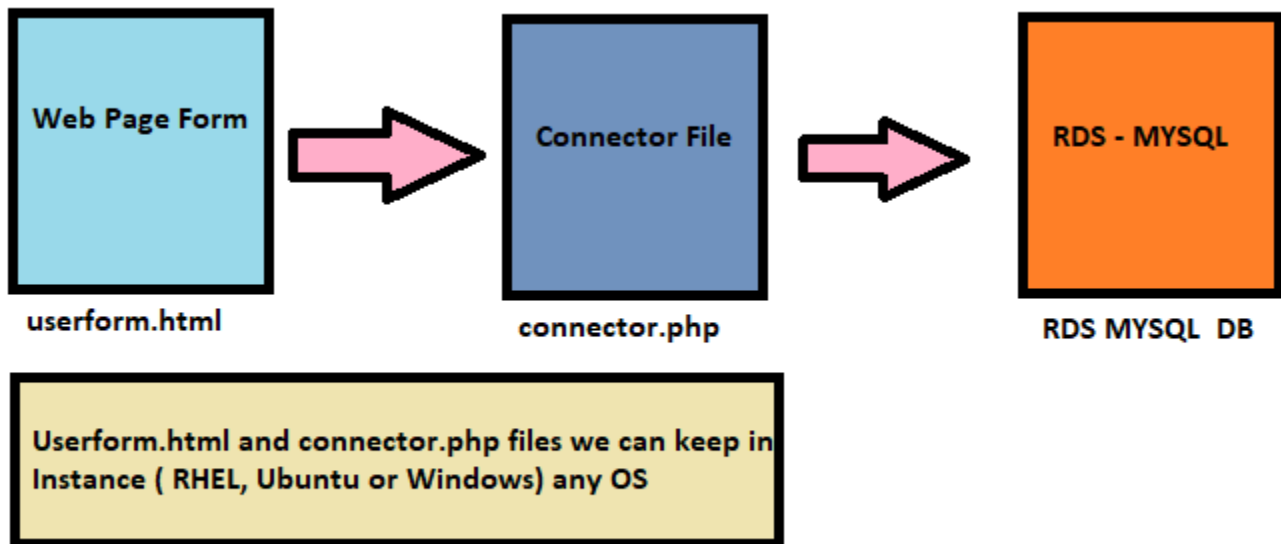


Configure Apache Web Server with RDS MYSQL DB



Step1

- 1) Launch Ubuntu instance and connect it.
- 2) Launch RDS with MYSQL and note down the endpoint address.(Don't forget to allow mysql in Security group)
- 3) Open Ubuntu and connect RDS

```
# apt install mariadb-client-core-10.3 -y  
# mysql -h <rds endpoint> -P 3306 -u admin -p
```

Step2

```
# apt-get update  
  
# apt install apache2 -y  
  
# systemctl start apache2  
  
# systemctl enable apache2  
  
# apt install php libapache2-mod-php php-mysql  
  
# apt install mariadb-client-core-10.3 (now not required)
```

Step3

- 1) Keep userform.html and connector.php files into /var/www/html directory
- 2) Modify userform.html based on your requirement
- 3) Open connector.php file and insert RDS endpoint address, password, username and database name.
- 4) Open your RDS and create DB and table
- 5) # mysql -h <rds endpoint> -P 3306 -u admin -p
Type rds password

```
>show databases;  
> create database test;  
>use test;  
> create table user (  
    name varchar(50),  
    password varchar(40)  
);
```

➤ select * from user;

Step4

Now copy public IP of Instance and Paste in Browser new tab

Public IP/userform.html

Now Fill the form and check in database for update

For Windows OS

- 1) Download and install XAMPP server
- 2) Keep userform.html and connector.php into c:/XAMPP/htdocs
- 3) Follow same process as above

Files Required

Userform.html

```
<html>

<body>

<form action="connector.php" method="post">

Name: <input type="text" name="name"><br>

Password: <input type="password" name="pwd"><br>

<input type="submit">

</form>

</body>

</html>
```

Connector.php

```
<?php

$servername = "rds endpoint address";

$username = "admin";

$password = "india12345";

$dbname = "test";


// Create connection

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

// Check connection

if ($conn->connect_error) {

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

}


$sql = "INSERT INTO user (name, password) VALUES ('".$_POST['name']. "', '".$_POST['pwd']. "')";
```

```
if ($conn->query($sql) === TRUE)
{
    echo "record created successfully";
}
else
{
    echo "Error: " . $sql . "<br>" . $conn->error;
}

$conn->close();

?>
```