**Deploying PHP Registration Page on Windows VM with XAMPP and AWS EC2 Public Access**

**Overview**

I set up a Windows VM, installed XAMPP, and hosted my PHP registration page. Then, I used the EC2 public IP to access it from anywhere.

**Steps I Followed**

**1. Created a Windows Virtual Machine**

* Launched a Windows VM on **AWS EC2**.
* Selected **Windows Server**  as the OS.
* Chose an instance type (t2.micro).
* Configured **Security Groups** to allow HTTP (80).

**2. Connected to the Windows VM**

* Used **Remote Desktop (RDP)** to connect.
* Downloaded and installed **XAMPP** from the official site.

**3. Configured XAMPP**

* Started **Apache** and **MySQL** from the XAMPP Control Panel.
* Placed my PHP files (index.php, register.php, view.php, dbconnection.php) inside C:\xampp\htdocs.

**4. Created the Database in MySQL**

* Opened phpMyAdmin (http://localhost/phpmyadmin in VM).
* Created a new database and imported my SQL file.
* Verified the tables were created correctly.

**5. Allowed External Access**

* Edited httpd.conf (Apache config) to allow external connections:
  + Changed Listen 80 to Listen 0.0.0.0:80.
  + Changed Allow from 127.0.0.1 to Allow from all.
* Restarted Apache.

**6. Turned Off Windows Firewall**

* Disabled Windows Defender Firewall to allow unrestricted access.

**7. Accessed My Site Using EC2 Public IP**

* Opened a browser and visited:
* http://<EC2\_PUBLIC\_IP>/user\_regis
* Successfully saw the **registration page** and tested user registration.