

## Host A dynamic website(.php and db attached) On a Cloud platform(AWS).

By – Arun Kumar

1. Login to AWS Account and then head to Management Console.
2. From Services, Click on EC2.
3. Click on 'Launch Instance'.
4. Select AMI(microsoft windows server 2019 base).
5. keep t2.micro as default and Click on Configure.
6. Do not make changes to Instance-details, click Next
7. Do not add any extra storage(30Gib already provided by default)>>Next
8. **In Configure Security group,**
  - a.Click on create new security group
  - b.rename Security group name(recommended)
  - c.Keep Rdp as it is and add two more roles as http and https.
  - d.Choose protocol as TCP.
9. Click on review and launch >>launch
10. choose a key pair(use existing recommended).
11. Click 'win+R' on keyboard or open Run terminal and write 'mstsc' , click ok.
12. Enter your Public IPV4 address ,click connect.
13. click on more choices and then use a different account.
14. Now go to the running instance dashboard and click on connect.
15. Browse your .pem file and decrypt the password.
16. your default username will be 'Administrator'.
17. Enter your username and password obtained in (step 13 field).
18. click on yes and wait until remote connection becomes available (Wait 4-6min Recommended)

### **"Inside Vm"**

19. **Now click on windows and search for a firewall on Remote desktop only.**
20. **Choose and click the windows defender firewall.**
21. **On left of what opens click 'Turn windows defender firewall on or off',Turn both of them off.**
22. **Install chrome and XAMPP on your Vm.**
23. **while installing Xampp have patience ,don't make any changes,let it get installed properly.**

24. **Now when you write 'localhost' on your vm browser you will get a xampp dashboard.(this means you are on the right track).**
25. **Goto C>>XAMPP>>htdocs on your Remote desktop only.**
26. **delete index.php and paste all your files there which you'll copy from your original System.**
27. **Create your database using 'localhost/dashboard' (phpmyadmin), and refresh your localhost tab.**
28. **Now you are done, when you will share your instance ip to anyone and if they browse it,they will get the website which you hosted on a remote desktop.**
29. **Do not forget to stop your instance once your work is paused.**
30. **Delete the security group as soon as you terminate your instance.**

**You have successfully hosted a php web server using cloud(AWS).**

**Cheers !!**