Hands on with Cloud Computing

at

Department of MCA
Siddaganga Institute of Technology
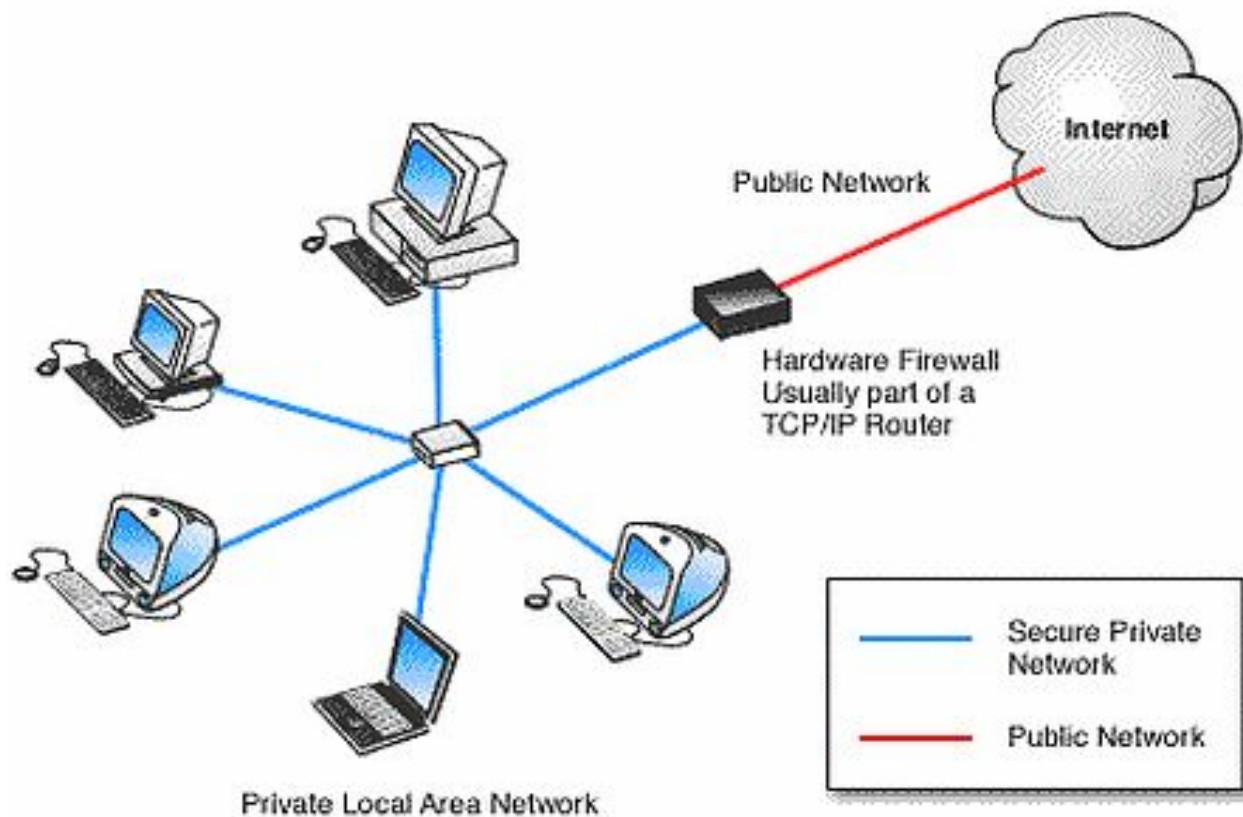Tumkur

by

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Content

- Signup with Amazon

- Setup Virtual Server on Amazon

- Methods to access Virtual Server

- Installing Softwares (PHP , MySQL , R) on Virtual Server.

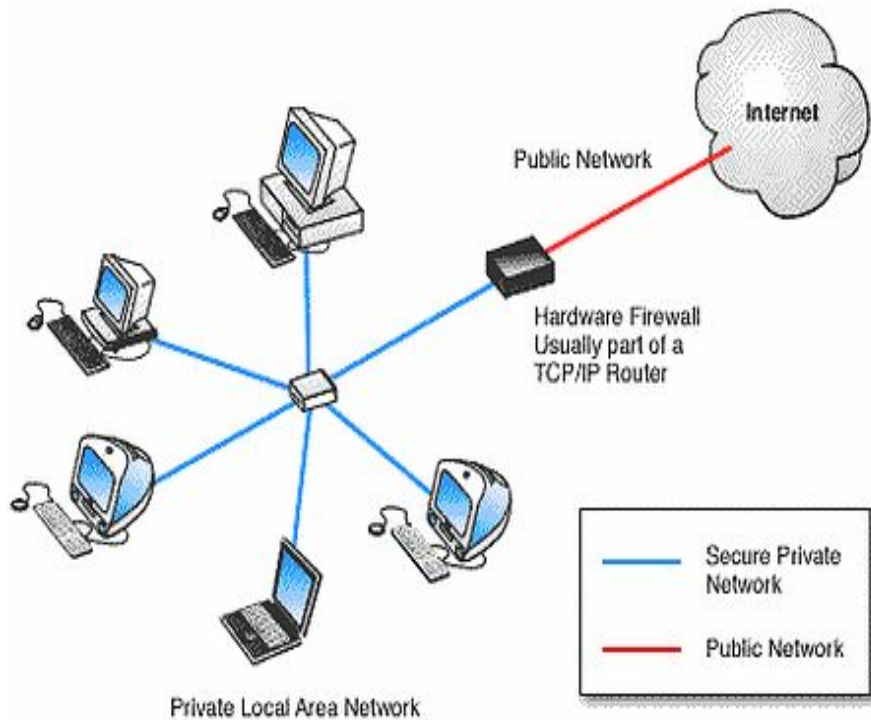- Application Development on Virtual Server

- Working with Amazon RDS

- Q&A

Basic of Networking

How to access computer over the Internet ?

Basic of Networking
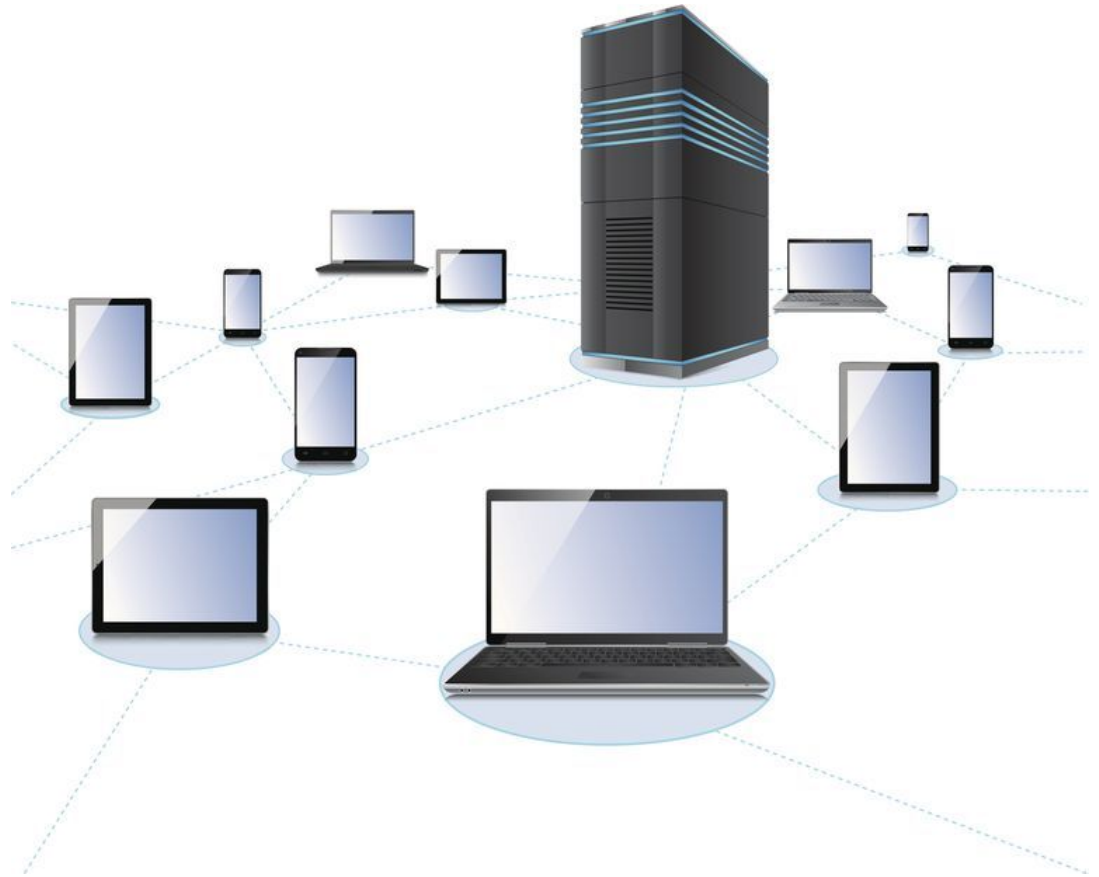
How to access computer over the Internet ?

We need :

- **Public IP**
- **Public Domain**
  (www.example.com)
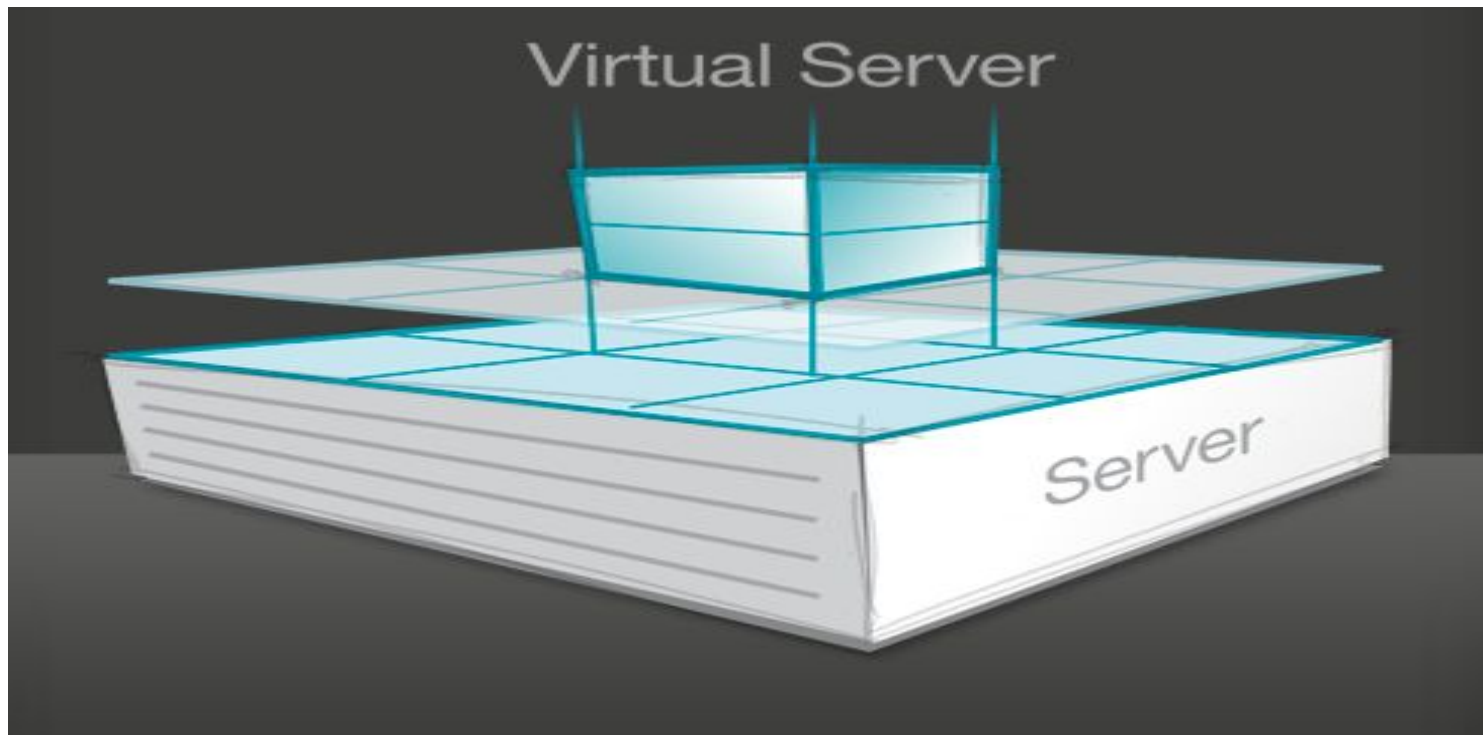
Server

- What is Server ?

How are we maintaining Server ?

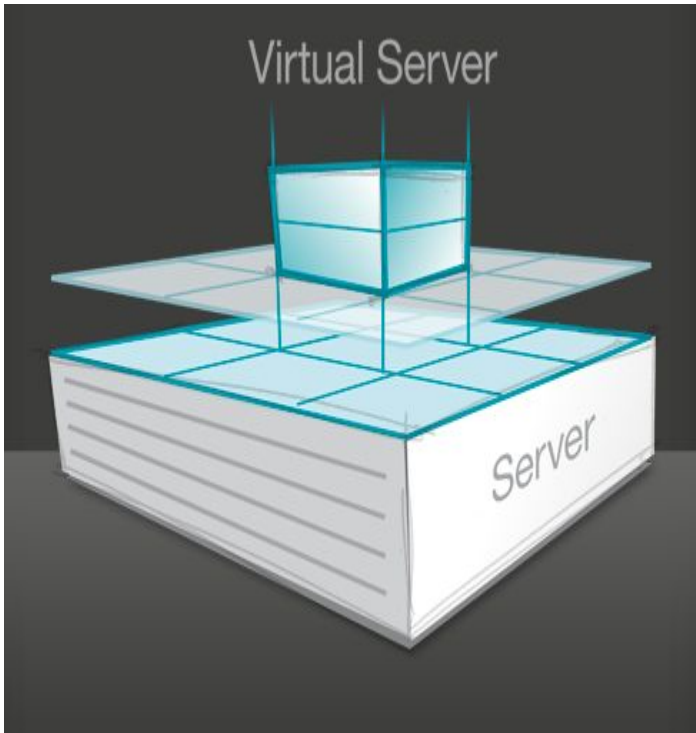- Physically : At Home , Office or Colleges

How are we maintaining Server ?

- **Virtually** management from Service Provider

How are we maintaining Server ?

- **Virtually** management from Service Provider

Service Providers
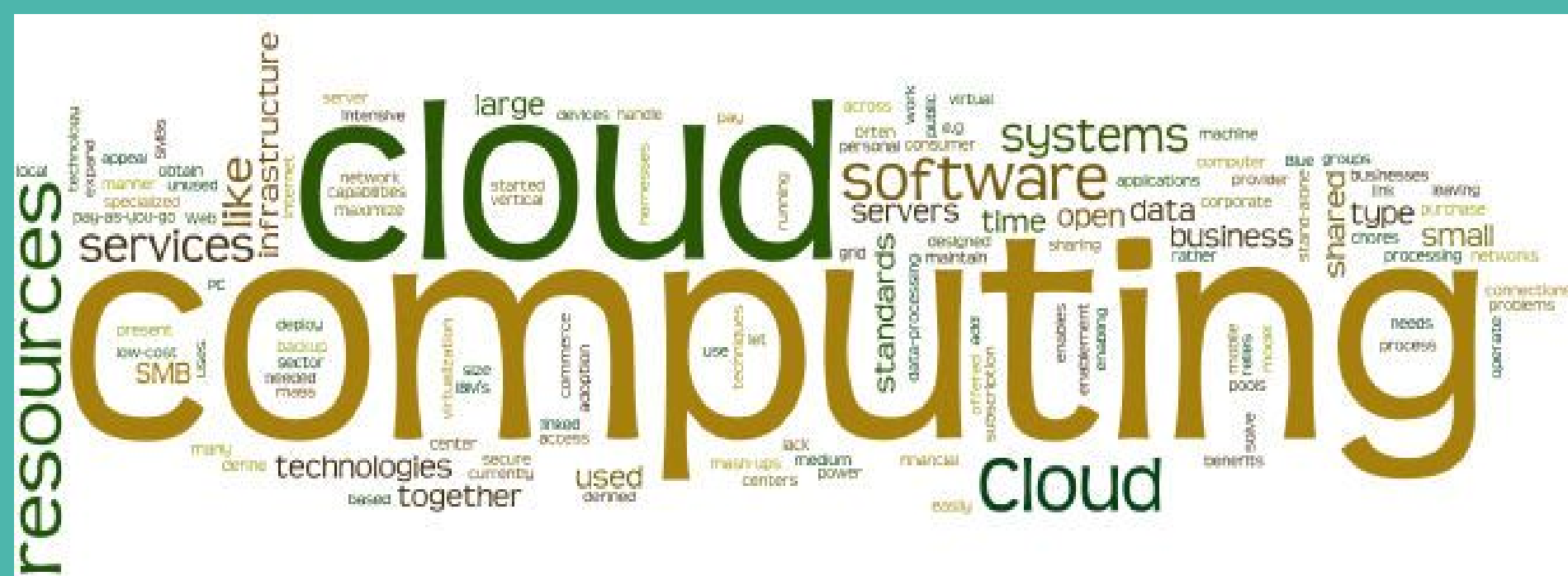
Shared :
    Godaddy
    BigRock
    BlueHost..etc

Cloud :

    Amazon
    Google
    Microsoft
    Alibaba ..etc

What is Cloud Computing ?

Cloud Computing is the delivery of computing services. Like Servers, Storage, Databases, Networking , Software, Analytics and more -- over the Internet.

Building Content Management System(CMS)

Develop Content Management System (CMS) , which allow to the user to manage their **Posts** or **Articles.**

Following Functionality for the consideration:

1. Add/Delete/Update/View the Post.
2. CMS should accessible over the internet.

Develop Content Management System

Since it should accessible over the internet , CMS should be a Web Application.
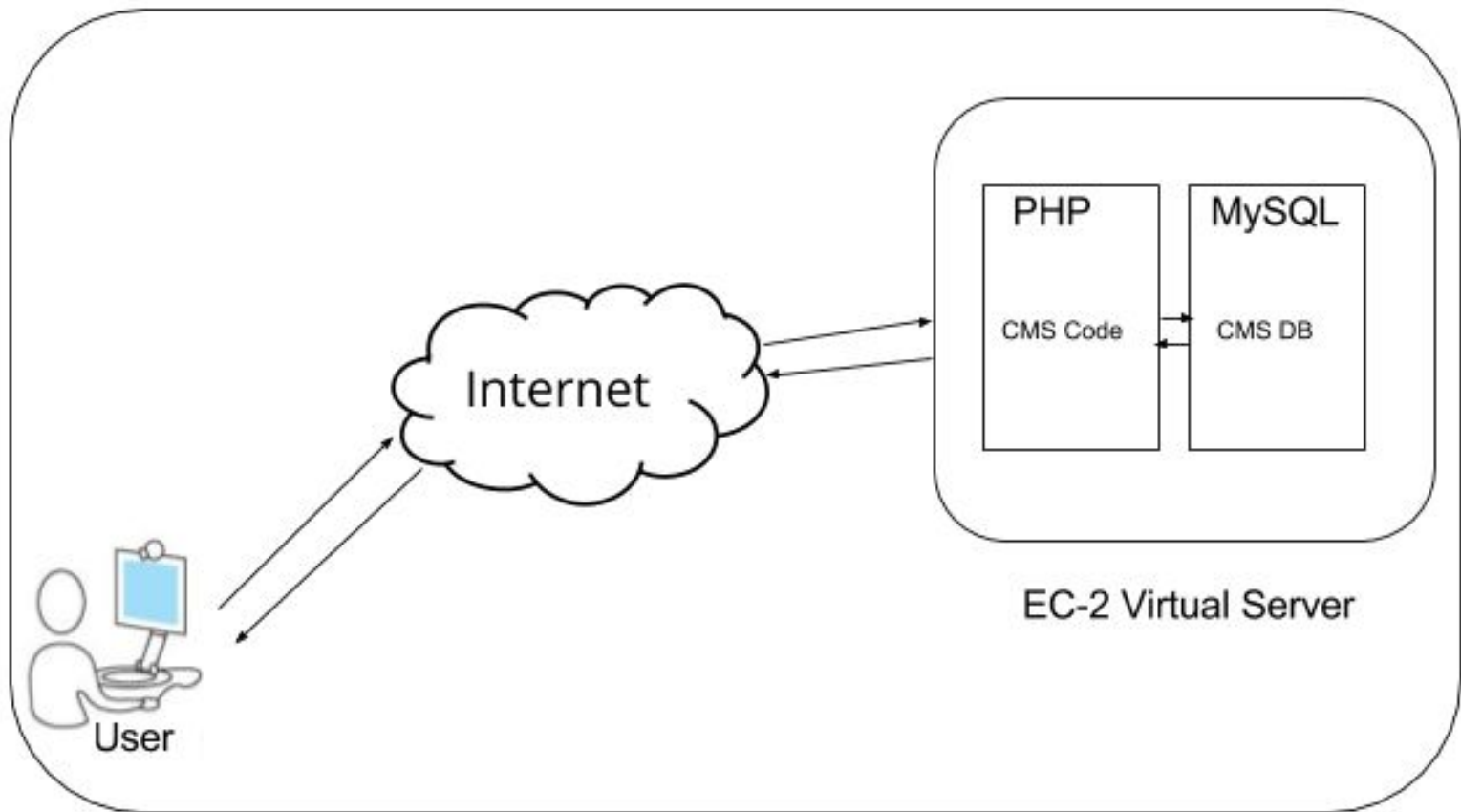
Tools or Technology :

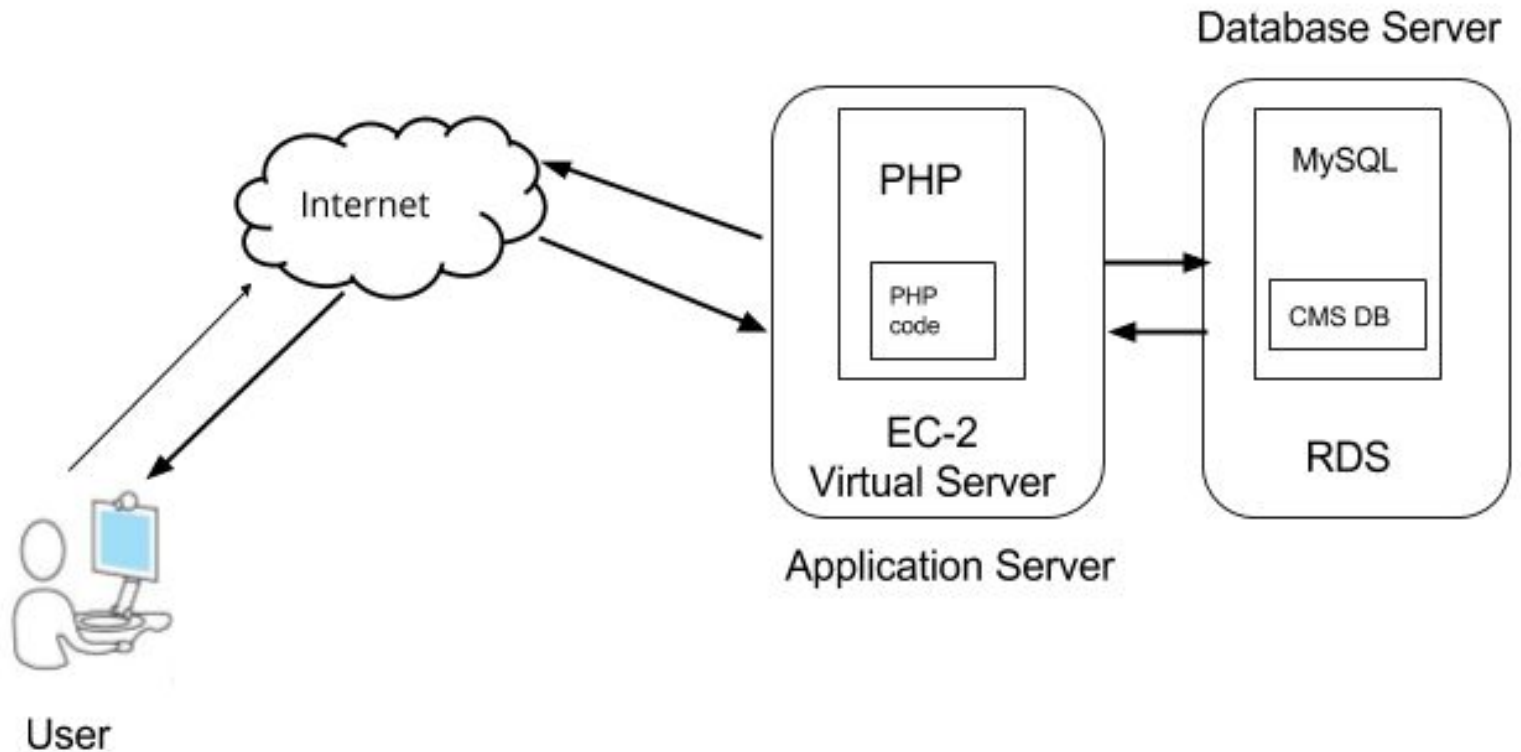**PHP** , ASP , JSP or Python

Database

MySQL , Oracle , SQL Server , SQLLite

CMS Architecture - 2 tier architecture

CMS Architecture - 3 tier architecture

Amazon Web Services (AWS)

Let's get experience of AWS cloud services.

Download tutorial documents

Thanks!

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