

ASSIGNMENT – 2

20BCSA09 PRATYUSHA PRIYADARSHINI

1. Write at least 3-4 example of IaaS, PaaS & SaaS cloud service.

Ans-

Three examples each of IaaS (Infrastructure as a Service), PaaS (Platform as a Service), and SaaS (Software as a Service) cloud services:

IaaS (Infrastructure as a Service):

1. Amazon Web Services (AWS): AWS provides a comprehensive range of cloud computing services, including virtual machines, storage, and networking capabilities. Users can deploy and manage their own virtual servers, storage, and other infrastructure components within the AWS cloud.
2. Microsoft Azure: Azure offers IaaS solutions that allow users to create and manage virtual machines, networks, and storage resources. It provides flexibility and scalability for businesses to deploy and manage their infrastructure in the cloud.
3. Google Cloud Platform (GCP): GCP provides a wide range of IaaS offerings, such as virtual machines, storage, and networking services. Users can provision and manage their own infrastructure resources and have control over their virtualized environment within the Google Cloud.

PaaS (Platform as a Service):

1. Heroku: Heroku is a PaaS platform that allows developers to build, deploy, and manage applications in the cloud. It provides a fully managed runtime environment where developers can focus on writing code without worrying about infrastructure provisioning or management.
2. Salesforce App Cloud: Salesforce's App Cloud is a PaaS offering that enables developers to build, deploy, and manage custom applications on top of the Salesforce platform. It provides a set of development tools and services for creating powerful business applications without the need for infrastructure management.
3. Google App Engine: Google App Engine is a fully managed PaaS platform that allows developers to build and deploy applications on Google's infrastructure. It abstracts away the underlying infrastructure details and provides automatic scaling, load balancing, and other features to simplify application development and deployment.

SaaS (Software as a Service):

1. Salesforce: Salesforce is a SaaS CRM (Customer Relationship Management) platform that provides a range of cloud-based applications for sales, service, marketing, and more. Users can access these applications through a web browser without the need for installation or maintenance.
2. Microsoft Office 365: Office 365 is a SaaS offering that includes cloud-based versions of Microsoft's popular productivity applications, such as Word, Excel, and PowerPoint. Users can access and collaborate on their documents from any device with an internet connection.

3. Dropbox: Dropbox is a SaaS file hosting and collaboration platform that allows users to store, sync, and share files across different devices. It provides a convenient way to access files from anywhere and collaborate with others in real-time.

2. Create a virtual Machine(VM) choose an OS of your choice you want to deploy on it, & paste a screenshot of the final deployed screen in the PDF.

Ans-

