

## **Popular cloud service providers along with the types of services they offer.**

### **1. Amazon Web Services (AWS):**

- **SaaS:** AWS offers a range of SaaS solutions, including Amazon WorkMail (email and calendaring), Amazon Chime (video conferencing), and Amazon Connect (contact center).
- **PaaS:** AWS Elastic Beanstalk and AWS App Runner provide PaaS capabilities for application deployment and management.
- **IaaS:** AWS provides a comprehensive set of IaaS services, including Amazon EC2 (virtual servers), Amazon S3 (storage), Amazon RDS (relational databases), and Amazon VPC (networking).

### **2. Microsoft Azure:**

- **SaaS:** Microsoft 365 includes SaaS offerings like Office 365 (productivity tools), Microsoft Dynamics 365 (CRM), and Microsoft Teams (collaboration).
- **PaaS:** Azure App Service and Azure Functions are PaaS options for application development and serverless computing.
- **IaaS:** Azure Virtual Machines (VMs), Azure Blob Storage, Azure SQL Database, and Azure Virtual Network are among the IaaS services offered.

### **3. Google Cloud Platform (GCP):**

- **SaaS:** Google Workspace (formerly G Suite) offers SaaS tools for productivity and collaboration, including Gmail, Google Docs, and Google Drive.
- **PaaS:** Google App Engine and Google Cloud Functions provide PaaS for application development and serverless computing.
- **IaaS:** Google Compute Engine (VMs), Google Cloud Storage, Google Cloud SQL (managed databases), and Google Virtual Private Cloud are part of GCP's IaaS offerings.

### **4. IBM Cloud:**

- **SaaS:** IBM offers SaaS solutions such as IBM Cloud Video (formerly Ustream), IBM Watson Studio (AI and machine learning), and IBM Maximo (enterprise asset management).

- **PaaS:** IBM Cloud Foundry and IBM Cloud Functions are PaaS options for application development and serverless computing.
- **IaaS:** IBM Cloud Virtual Servers (VMs), IBM Cloud Object Storage, and IBM Cloud Databases (e.g., Db2) are part of the IaaS portfolio.

**5. Oracle Cloud:**

- **SaaS:** Oracle provides SaaS applications like Oracle Cloud Applications (ERP, HCM, SCM), Oracle NetSuite, and Oracle Analytics Cloud.
- **PaaS:** Oracle Cloud Platform offers PaaS services for application development, data management, and analytics.
- **IaaS:** Oracle Cloud Infrastructure (OCI) provides IaaS capabilities, including compute instances, storage, databases, and networking services.

**6. Alibaba Cloud:**

- **SaaS:** Alibaba Cloud offers SaaS solutions such as Alibaba Cloud Email, Alibaba Cloud WorkSpace, and Alibaba Cloud Video.
- **PaaS:** Alibaba Cloud provides PaaS services for application hosting, development, and container management.
- **IaaS:** Alibaba Elastic Compute Service (ECS), Object Storage Service (OSS), ApsaraDB (managed databases), and Virtual Private Cloud (VPC) are part of its IaaS offerings.