

# CLOUD COMPUTING

## ASSIGNMENT 3

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**Ques:-** List 10 cloud service providers, specify their deployment types and service models.

**Ans:**

### 1. Amazon Web Services (AWS)



Amazon Web Services (AWS) is an Amazon company that was launched in the year 2002. AWS is the most popular cloud service provider in the world. Amazon Web Services (AWS) is the world's most comprehensive and broadly adopted cloud platform, offering over 165 fully-featured services from data centers globally. This service is used by millions of customers. AWS (Amazon Web Services) is a comprehensive, evolving cloud computing platform provided by Amazon that includes a mixture of infrastructure as a service (IaaS), platform as a service (PaaS) and packaged software as a service (SaaS) offerings. AWS is **public cloud providers**. It deliver their services over the internet, and they use a fundamental pay-per-use approach.

### 2. Microsoft Azure



Microsoft Azure is one of the fastest-growing clouds among them all. Azure was launched years after the release of AWS and Google Cloud but is still knocking on the door to become the top cloud services provider. This is **open source and public cloud platform** which helps in development, data storage, service management & hosting solutions. It provides three options – infrastructure as a service (IaaS), platform as a service (PaaS) and software as a service (SaaS).

### 3. Google Cloud



Google cloud platform is Google's cloud. Similar to AWS and Azure, Google Cloud also offers similar services in various categories, including compute, storage, identity, security, database, AI and machine learning, virtualization, DevOps and more. Google Cloud is a set of solution and products which includes GCP & G suite. It is one of the top cloud service providers which helps you to solve all kind of business challenges with ease. Google Cloud Platform is primarily a **public cloud provider**. Google Cloud offerings include IaaS, PaaS, and SaaS. Its IaaS products allow enterprises to mix and match these services into combinations that provide the precise environment they need.

### 4. IBM Cloud



IBM Cloud developed by IBM is a set of cloud computing services for businesses. Similar to other cloud service providers, the IBM cloud is a full stack cloud platform which spans **public, private and hybrid providers**. It is one of the best cloud providers which is built with a robust suite of advanced and AI tools. IBM cloud offers infrastructure as a service (IaaS), software as a service (SaaS) and platform as a service (PaaS).

### 5. Oracle Cloud



Oracle cloud platform is the cloud offering of Oracle Corporation. It is one of the best cloud services providers that help you to build, deploy, and manage workloads in the cloud or on premises. Oracle cloud offers IaaS, PaaS, SaaS, and Data as a Service (DaaS). Oracle Cloud is the first **public cloud** built from the ground up to be a better cloud for every application.

## 6. Alibaba Cloud



Alibaba Cloud, founded in 2009, is registered and headquartered in Singapore. It was initially built to serve Alibaba's own e-commerce ecosystem and is now offered to the public. Alibaba Cloud is the largest cloud provider in China. Alibaba is **Hybrid Cloud solution**. Alibaba Cloud provides cloud computing IaaS, PaaS, DBaaS and SaaS, including services such as e-commerce, big data, Database, IoT, Object storage (OOS).

## 7. Salesforce



Salesforce cloud computing offers multiple cloud services like Sales Cloud, Service Cloud, Marketing Cloud, etc. It is one of the top cloud computing companies which help you to accelerate production of your environment. The Salesforce Platform is the world's number one Platform as a Service (PaaS) solution. It's the most powerful way to create your app and get it in front of your users fast, all by harnessing the power of the cloud. Salesforce 360, Sales Cloud, Service Cloud, and its industry-specific offerings will run on major **public clouds**.

## 8. SAP Cloud Platform



SAP Cloud Platform is a platform as a service developed by SAP SE for creating new applications or extending existing applications in a secure cloud computing environment

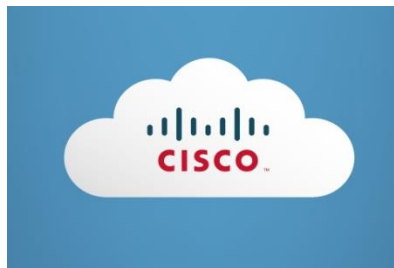
managed by SAP. SAP Cloud Platform is an open platform-as-a-service,<sup>[4]</sup> which includes the in-memory SAP HANA database management system, connects to both on premises and cloud-based systems running SAP or other third-party software and relies on open standards. SAP Cloud Platform is based on **open source public** technology developed & supported in partnership with SUSE.<sup>[9]</sup>

## 9. VMWare



VMware has an incumbent position, key partnership with AWS, and a parent in Dell Technologies that is using the cloud management platform to power its own platform. VMware has a knack for evolving as the cloud ecosystem shifts. Dell offers a cloud platform, cloud-enabled infrastructure, models, and serves in a single place. It is one of the top cloud companies that allows your own or selects from reference architecture, integrated and public cloud platforms. VMware Powered **Public Cloud service** to offer infrastructure as a service (IaaS), platform as a service (PaaS), or software as a service (SaaS) to their customers.

## 10. Cisco



Cisco cloud-neutral solutions and full-stack observability let you see and manage your infrastructure and applications so you can connect securely, optimize operations, and improve application experience. Cisco Powered Infrastructure as a Service (IaaS) accelerates your business by enabling your own enterprise-class **hybrid cloud**.