Group 7

Cloud Computing

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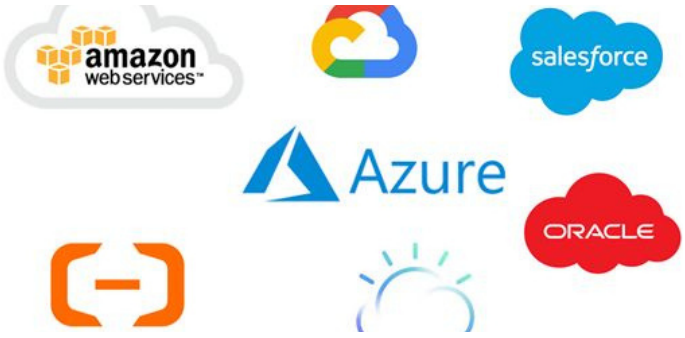

Logo of each corresponding cloud computing branches.

Google Cloud

Besides physical assets, Google Cloud also includes virtual resources, such as virtual machines (VMs), which have been stored in Google's data centers around the world. There's a compute engine, which lets you run virtual machines on Google's infrastructure in a secure and customizable way. You can also store any size of file on the cloud, which is retrievable at a moment's notice. The Google Cloud program has many more features compared to the others, which makes it stand out from the rest.

Microsoft Azure

In the Microsoft cloud computing service, users can choose from software as a service (SaaS), platform as a service (PaaS), or infrastructure as a service (IaaS). You can use Azure's flexible features and built-in development operations (DevOps) to iterate efficiently and release code using an end-to-end cloud development platform. Writing quality code is made easier with Microsoft's best-in-class development tools. Visual Studio and Visual Studio Code offer full optimization of the customer's experience in interacting with the service to increase productivity.

Alibaba Cloud

Known as Aliyun, it's a subsidiary of Alibaba Group, which offers cloud computing services. As Alibaba's e-commerce ecosystem and cloud computing platform, Alibaba Cloud provides cloud computing services for online businesses. Founded in Singapore in 1999, Alibaba Cloud offers cloud computing services such as enterprise commerce, big data, database, IoT, and data customization via a web page and command-line tool. With Alibaba Cloud Elastic Compute Service (ECS), you can run cloud applications with fast memory and the latest Intel processors for faster results. Although the company had a rough start in the industry, Alibaba Cloud are determined to be one of the best service provider of the cloud computing society alongside their partners in the cloud computing ecosystem.

Oracle Cloud

Using a global network of managed data centers, Oracle Cloud provides servers, storage, networks, applications, and other services. This cloud platform provides IP addresses, subnets, routing, and firewall capabilities to support existing or new private networks with appropriate security. Additionally, Oracle Cloud Platform provides security and identity applications for monitoring and managing hybrid cloud environments and to address IT governance and compliance requirements. Customers who use Oracle Managed Cloud Services can focus on bringing innovations to life, rather than worrying about the organization of their technology platforms as this is simplified when using the cloud service.

IBM Cloud

A collaboration suite called Bluehouse, codenamed Bluebox, was the company's first foray into modern cloud computing in 2008. In 2013, IBM took an important step forward in its cloud efforts by purchasing SoftLayer, at the time the world's largest privately held cloud computing company. In addition to similar services, it also provides additional features which stand out from other cloud computing services. With a next-generation hybrid cloud platform, sophisticated data and AI capabilities, and deep corporate capabilities across 20 sectors, IBM Cloud provides the most open and secure public cloud for business. Solutions for working in either the public cloud, on-premises, or both are primarily reliant on their objectives, opening up a wide range of choices for their clients.