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CLOUD
COMPUTING
SERVICE PROVIDERS

Providers

Microsoft Azure

Google Cloud

IBM Cloud

Alibaba Cloud

Oracle Cloud

COMPARISON

Services

Azure offers hundreds of services such as Microsoft Azure Stack, Mixed Reality, and Windows Virtual Desktop while IBM Cloud provides Cloud Packs, Integration, and VMWare. Meanwhile, Google Cloud offers API Management, Media and Gaming, and Chrome Enterprise. Oracle, on the other hand, offers Load Balancing, DNS Monitoring, and FastConnect, while Alibaba provides Elastic Computing, Middleware, and Apsara Stack.

Providers	Cloud Service Models	Cloud Deployment Models	Global Availability	Annual Revenue
Azure	Iaas, PaaS, and SaaS	Public, Private, and Hybrid	54 regions	$33 billion
IBM Cloud	Iaas, PaaS, and SaaS	Public, Premium, and Dedicated	6 regions	$19.16 billion
Google Cloud	Iaas, PaaS, SaaS and FaaS	Public, Private, and Hybrid	20 regions	$8 billion
Oracle Cloud	Iaas, PaaS, SaaS and DaaS	Public, Private, and Hybrid	25 regions	$7.4 billion
Alibaba Cloud	Iaas, PaaS, SaaS and DaaS	Public, Private, and Hybrid	19 regions	$3.681 billion

*IaaS (Infrastructure as a Service)   *SaaS (Software as a Service)   *PaaS (Platform as a Service)
*DaaS (Data as a Service)   *DBaaS (Database as a Service)   *FaaS (Function as a Service)

https://www.c-sharpcorner.com/article/top-10-cloud-service-providers/
https://www.ibm.com/watson/assets/pdfs/IBM_Watson_Developer_Cloud_Security_Overview.pdf
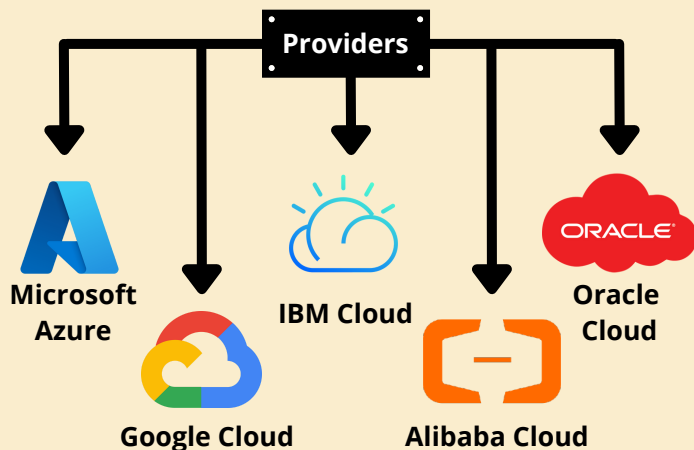https://www.statista.com/statistics/1238741/alibaba-cloud-annual-revenue/

DESCRIPTION

"Microsoft Azure is a cloud-based platform owned by Microsoft Corporation which was launched in 2010. It is one of the fastest-growing clouds among others and one of the most profitable cloud services available and was created especially for Windows operating system. Google Cloud Platform on the other hand was launched in 2008. Google Cloud has a limited reach but makes up with its huge scale. IBM Cloud was launched in 2011. This platform supports access to other IBM tools and services such as IBM Watson or IBM Cloud Function for serverless computing. Furthermore, we can also opt to use Alibaba Cloud that was founded in 2009. It offers global services such as high performance and elastic computing power in the cloud. Though it was created initially for Alibaba's e-commerce ecosystem, it is now offered to the public to use the service as well. Lastly, Oracle Cloud is the Cloud offering of Oracle Corporation and was launched in 2016. This corporation is also well known for its expertise in softwares."

https://www.c-sharpcorner.com/article/top-10-cloud-service-providers/

REFLECTION

Cloud computing has a huge impact on our lives from various perspectives such as our education where institutions are adopting this technology for the students to access educational data and attend online classes as it is more flexible and cheaper. Next, the healthcare industry is using cloud technology to manage patients' data and to share it with professionals for specific purposes. Lastly, cloud computing also has a huge social impact where video live streams are available everywhere such as Netflix and Facebook.

Ahmed Shukur A21EC0007

Abdul Azim A21EC0001

Carmen Tey Ye Yao A21EC0018

Syafiq Firdaus A21EC0055

Loh Wei Huan A21EC0048