

CLOUD COMPUTING SERVICE PROVIDER

SUMMARY

Cloud Computing transforms IT infrastructures to internet utilities. It allows users to browse data remotely and whenever they need as long as the user has access to internet. Cloud computing increase productivity, cost savings, speed and efficiency, performance, and security.

MICROSOFT AZURE

Microsoft Azure was created by Microsoft. It is build to help the needs of average business the freedom to build , manage and deploy applications on global network. Azure offers hundreds of services within various categories such as Artificial Intelligence, Machine Learning, Analytics and many more.

GOOGLE CLOUD

Google cloud platform covers application, storage, and cloud computing services for backend, mobile, and web solutions using the internet. More than four million apps trust and use the platform. Google Cloud has recently acquired Cornerstone Technology to assist customers in migrating their mainframe workloads to Google Cloud Platform

ALIBABA CLOUD

Alibaba Cloud, or Aliyun as it is called in China refers to the largest cloud computing in Asia Pacific (Gartner,2019). While being founded in 2009 by Alibaba Group, it is registered and headquartered in Singapore. Originally intended to service e-commerce in China, it now offers its services including databases, storage, CDN, etc to the public with its 25 regional data centres

IBM CLOUD

IBM Cloud was developed by IBM to offer cloud computing services for businesses. IBM Cloud is similar to other cloud service providers, where IBM offer services of IaaS (Infrastructure as a Service), SaaS (Software as a Service), and PaaS (Platform as a Service) in public, private and hybrid cloud models

ORACLE CLOUD

Oracle Cloud infrastructure is built for enterprises that are looking for higher performance computing with easy migration of their on-premises application to the cloud. It is a set of complementary cloud services that enable you to build and run a wide range of applications and services in a highly available hosted environment.

DIFFERENCE BETWEEN CLOUD SERVICE PROVIDERS

	FEATURES	PRICING	MARKET SHARE
MICROSOFT AZURE	Virtual machines are used to grow to a significant extent, as well as for software management.	costs similarly to AWS	21% - Highest in the list, 2nd highest globally (after AWS) - Revenue : \$46.1 Billion (Q1-Q3 2021)
GOOGLE CLOUD	Accessible AI and data analytics that help businesses solve problems	- more affordable than Microsoft Azure - provides \$300 in free credits for 90 days to new customers	9% - Revenue : \$13 Billion (annual 2020)
ALIBABA CLOUD	Offer mobile and instance security. It also provide analytics features	Lower cost, by around 25%, than overseas cloud service providers.	6% - Revenue : \$40 Billion (annual 2020)
IBM CLOUD	Virtualized IT resources such as compute power, storage and networking over the internet.	- Some scenarios are higher than the ones offered by IBM's rivals. - Offers discount for monthly usage	5% - Revenue : \$25.1 Billion (annual 2020)
ORACLE CLOUD	Provides cloud-based next-generation mission-critical data management	- Not as affordable as Microsoft Azure and Google Cloud. - Offers a pay-as-you-go model where the IaaS and PaaS services are charged only for the resources used.	2% - Revenue : \$6.8 Billion (annual 2020)

REFLECTION

Cloud computing makes life simpler. It is because people can access application files or data that have been stored in the cloud anytime, anywhere, from any devices .Cloud computing also affect education sector in a number of ways where it helps student to do assignment and work together using online platform. This is helpful as you can do it anywhere, anytime. This example makes cloud computing a better choice for those who want to start a project or just want to store any data without the need of server or any devices. It also save people money and time because you don't need to spend more money to maintain or upgrading your data .

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