

Where does the data on 'cloud' really save?

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When you select the public cloud service IaaS (Infrastructure-as-a-Service) to store data, your data will basically be stored at the service provider's data center. However, only the service provider actually knows where your data is stored, at their data center or at partner data centers. And for security reasons service providers often do not provide this information.

Michael Dickson, GBQ's business and technology director, an IT consulting firm, said that through the process, he found customers often ask service providers to tell where their data is stored. to ensure low latency connections. However, according to him, these requirements are not necessary because the service provider is responsible for data safety, high availability and data security; they need to actively move data across data centers depending on service levels, costs, manpower needs, disaster occurrences and other factors.



Ordinary users do not necessarily need to know where the data in their cloud is stored exactly.

For customers who need to know where to store data " *in the cloud* ", they can agree with the service provider or visit the provider website to know where the data can be stored. In some cases, you can choose where to store the data, depending on the conditions of the service provider.

For example, Amazon's Simple Storage Services (S3) cloud storage service allows customers to choose one of its seven data storage locations globally. Each location will have different service rates. However, Amazon did not disclose exactly its data centers for security reasons.

Analysts say new retailers, financial institutions, and game companies need to know where to store data because they want to ensure speed of connection to end users. If slow access to data will cause gamers or online shoppers to leave and switch to another website.

Today, the demand of customers using the "*cloud storage* " *service* is higher. Tata Communications' senior vice president of technology and services, John Landau, said Tata now has a "*tough*" *problem* that customers want both global infrastructure and supply capability. locally. Because data stored locally helps to access data faster. Currently Tata customers are companies, US research groups are working in the country where IaaS service provider. Tata Communications provides IaaS services in India and Singapore since 2010, is expected to expand to Europe and the US.

For ordinary users and businesses that do not have too high demand for connection latency, it is not really important for suppliers to store data at all times by the ability to secure and secure data.

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