

CLOUD COMPUTING BENEFITS

FACT SHEET

Transferring to the cloud ensures the delivery of services in a more secure, reliable, flexible, fast, and cost-effective way. Let's look at some reasons why organization should turn to cloud computing:

It is cost-effective

Cloud computing offers different pricing models: consumption-based or pay-as-you-go. Both serve the same benefits: cost reduction. Unlike the traditional way of working, where buying hardware and software, and maintaining and running on-site data centers asks for an enormous capital investment, cloud computing eliminates those expenses. There are no more upfront infrastructure costs, there's no more need to pay for additional resources if they are not fully needed, and no more paying for resources that are no longer needed. What makes it even better is that customers can adjust the resources needed to their infrastructure by increasing or decreasing resources depending on the needs.

It is secure

In cloud computing, the companies do not have to struggle anymore with implementing their own security policies, improving hardware and services security and expertise. Compared to traditional and internal infrastructure, cloud computing provides more security and safety than the majority of conventional in-house systems can achieve. Through the security system, tools and services the cloud providers offer, the customer's data, apps and infrastructure are protected from potential threats. Losing critical data or downtime of applications due natural disaster or harmful attack or even accidental human mistake is not anymore something which companies should be concerned about.

It is scalable and flexible

Cloud computing offers an ability to scale systems on-demand or based on the workload by increasing and decreasing the resources and services. This is commonly known as elastic computing. Traditional in-house server setup requires expensive upgrades that cost a lot and maybe do not require full capacity. With scale computing, cloud providers help customers to save on the cost of acquiring and maintaining the resources by delivering the right amount of IT resources when they are needed. Adding additional resources to the capacity of customer's infrastructure, like servers, computing power, storage, bandwidth, or removing them dynamically according to the current workload or on-demand is one of the biggest benefits of cloud computing.

It is fast

Cloud computing allows setting up and deployment of services in just a few clicks, allowing customers to have more flexibility and taking pressure off capacity planning. Unlike in the traditional in-house system, the ability to get the resources required for the system is now matter of minutes, instead of days and weeks. Also, cloud solutions can reduce latency issues with data processing. The result of this is a dramatic increase in the agility of an organization, as it reduces the time and costs necessary to test, develop and deploy applications.

It is reliable

One of the biggest pluses in using cloud computing services is reliability. Disaster recovery, data replication and data backup services make customer's data is always safe. Redundancy is also often

inside cloud architecture, meaning if one instance where services run fails, another one takes its place. Many organizations think it is more reliable to have a traditional setup of their own in-house data center than having infrastructure hosted on cloud. However, if a system goes down, the time spent on having a functional and available server again is far more greater than hosting in the cloud. Most cloud providers guarantee with SLA the monthly uptime of maximum availability of data and services up to 99.99%. That is much higher availability than most on-premise data centers can have.

It is current-performance oriented

Cloud computing provides highly optimized infrastructure that is regularly updated to the latest version of fast and efficient computing hardware. Maintaining software patches, hardware upgrades and other time-consuming IT maintenance tasks are done automatically. The organisations do not have to deal with operational costs and upgrade expenses anymore, plus there are functional aspects where performance gets better, as well as network latency for applications gets reduced.

It is accessible

Except easily storing data, cloud computing enables customers to easily access their data and applications from anywhere, anytime, via internet connection. Enterprise productivity and efficiency are maximized since this allows easy collaboration and sharing among users in multiple locations.

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we are Digital Transformakers.**

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