iLink Digital

Cloud and Infrastructure - Enhancing Stability and Security

Adopting Cloud-based solutions helps businesses transform their complex business processes, from data security to storage relieving them from heavy investments. Businesses can gain insights into CRM, harness the latest software, monitor resources & applications, and optimize them all.

> **82% of companies have reportedly experienced increased cost-saving within just 6 months of adopting cloud technology**
>
> (Source: GlobeNewswire)

Business Advantages of Cloud Migration

- **Easy resource management** and space allocation
- **Reduced IT costs -** server maintenance, upgrade expenses, and software licensing
- Better consistency, high efficiency, and **fewer instances of human error**
- **Data Security -** Constant data backup, virus and data theft protection
- **Hassle-free collaboration,** greater mobility, and flexible access to customer-based data

> **The cost of a data breach amounts to $3.86 million on average worldwide.**
>
> (Source: GlobeNewswire)

Cloud Adoption Statistics

- **85% of businesses worldwide are already utilizing cloud technology to store information.** (Source- Sys group)
- **49% of business owners deploy Cloud Computing for their businesses**
- **Globally, the public Cloud computing market could exceed $266 billion by the end of 2020.** (Source - Gartner)
- **67% of enterprise infrastructure will become cloud-based in 2020.** (Source- Forbes)

Cloud Types: What's the Difference?

01 **Public: Used to deliver services across the internet** → 02 **Private: Aimed at the internal use of an organization** → 03 **Hybrid: A combination of the two**

> **90% of companies use some type of cloud service.**
>
> (Source: GlobeNewswire)

According to statistics on cloud computing adoption, use of hybrid cloud infrastructures is by far the most popular one in all IT sectors.

The hybrid model is widely used in **insurance (73%)** while public cloud services are the most popular in **hotel and leisure use (28%)**, with private cloud use dominating in **engineering (30%)**.

- **Insurance: 73% hybrid – 18% private – 9% public**
- **Retail & Logistics: 66% hybrid – 21% private – 13% public**
- **Manufacturing: 65% hybrid – 19% private – 16% public**
- **Utilities: 62% hybrid – 21% public – 18% private**
- **Software & Technology: 59% hybrid – 21% public – 20% private**

(Source: CWS)

Types of Cloud Services:

- Software as a Service (SaaS): Apps accessible by the client via a web browser or a smaller application (e.g. Gmail, Google Drive, Google Play).
- Platform as a Service (PaaS): An area where apps are developed and tested.
- Infrastructure as a Service (IaaS): A place for computing resources in a virtual environment.

Types of Cloud-based Services Used in Organizations Worldwide as of 2019

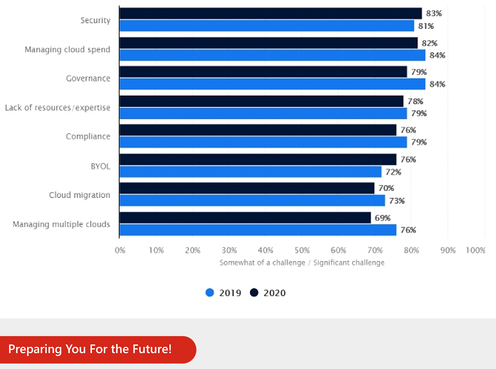
SaaS - 77% of respondents are using SaaS
IaaS - 54% of respondents are using IaaS
BaaS - 51% of respondents are using BaaS
STaaS - 50% of respondents are using STaaS
DRaaS - 44% of respondents are using DRaaS

For better Understanding
https://www.statista.com/statistics/1014257/worldwide-cloud-services-types/

Trends Affecting Cloud Adoption in 2020 (source Gartner Inc.)

- **By 2024,** nearly all legacy applications migrated to public cloud infrastructure as a service (IaaS) will require optimization to become more cost-effective
- **By 2024,** Multicloud strategies will reduce vendor dependency for two-thirds of organizations.
- **Through 2022,** insufficient cloud IaaS skills will delay half of enterprise IT organizations' migration to the cloud by two years or more.
- **By 2023,** the leading cloud service providers will have a distributed presence to support their services for low-latency application requirements.

Enterprise cloud computing challenges 2019-2020



Preparing You For the Future!

As the new decade begins, CIOs should consider how these statistics will influence their cloud adoption and migration plans for years to come. iLink helps you to prepare your IT infrastructure for the future of the cloud.

> **iLink has been a Microsoft Managed Gold Level Platform & Licensing Partner for over 10 years**

Know about our Cloud & Infrastructure offerings - https://www.ilink-digital.com/services/cloud-consulting-services/