Gain business agility and drive innovation

with Cloud solutions

How is the rise of Cloud solutions significantly transforming the landscape of global business?

Cloud technology empowers businesses to innovate at an unprecedented pace, facilitating real-time collaboration, rapid experimentation, and accelerated development cycles. This agility not only enables organizations to stay ahead in fast-paced industries but also fosters a culture of continuous improvement and adaptation to changing market conditions.

Moreover, Cloud solutions offer substantial cost-saving opportunities by eliminating the need for on-premises hardware and maintenance, optimizing resource allocation, and providing flexible pay-as-you-go models.

In essence, the transformative power of Cloud solutions is revolutionizing the way businesses operate, innovate, and compete in today's digital age, driving unprecedented efficiency, gaining business agility, and resilience across industries worldwide.

Understanding the power of Cloud

Cloud

It is a global network of remote servers that are interconnected and working together as **one powerful system**. It simplifies IT infrastructure, it's like renting a super-powered computer over the internet. Instead of purchasing and managing your own physical servers, you can access computing resources online as needed.

Infrastructure as a Service IaaS

Computing resources over the internet serve as a flexible and scalable solution.

It helps businesses to grow and adapt without the hassle of dealing with physical hardware maintenance and upgrades.

- Virtual machines
- Virtual storage space
- Networking infrastructure

Platform as a Service PaaS

Platform for building, deploying and managing applications over the internet.

It helps businesses by eliminating the complexity of managing underlying infrastructure for developers.

- Accelerated development process
- Streamlined deployment
- Fast time-to-market

Software as a Service SaaS

Ready-to-use applications accessible through a web browser or mobile app.

It helps businesses streamline processes, share data, or automate workflows.

- Maintenance by service provider
- Support by service provider
- Focus on core business activities

Accessibility
Empowers seamless access to data and applications from anywhere with internet connectivity, fostering collaboration.

Cost-effectiveness
Pay-as-you-go model removes upfront investments and streamlines management, freeing up IT resources.

Business agility
Facilitates swift innovation and adaptation to market dynamics and customer demands.

Reliability
Guarantees uninterrupted availability with robust infrastructure, minimizing downtime risks.

Scalability
Seamlessly adjusts to changes in demand, adapting to seasonal peaks or periods of rapid growth.

Security
Shields against threats and unauthorized access with encryption and vigilant monitoring.

Unlocking innovation and cost savings through Cloud

	What business outcome are you looking to achieve?	Applications
Drive innovation and gain business agility	Enable swift innovation through seamless collaboration, rapid experimentation, accelerated development and deployment of applications, ensuring a competitive edge in dynamic industries.	• Process optimization • Real-time decision-making • Accelerated development • Streamlined deployment • Agile adaptation
Optimize costs	Cut costs by ditching on-premises hardware and maintenance with cloud services on a flexible pay-as-you-go model, easily scalable to meet demand, optimizing resource management and preventing over-provisioning.	• System modernization • Cost-savings strategy • Resource optimization • Data storage • Data readiness
Enhance security and reliability	Utilize cloud providers' rigorous security measures and distributed data centers with built-in redundancy to safeguard data and applications against emerging threats, ensuring compliance and uninterrupted data availability.	• Encryption • Compliance certifications • Redundancy • Disaster recovery • Data resilience

Leverage Cloud across your industry

In the fast-paced business landscape, organizations across various industries are constantly seeking new opportunities to drive innovation, gain agility, optimize costs, and enhance security and reliability. Whether you're in the Retail, BFSI (Banking, Financial Services, and Insurance), Travel and Hospitality, Sports and Entertainment, or Manufacturing industry, harnessing the power of Cloud solutions can be transformative for your business.

Let's explore how each industry can leverage key aspects for innovation:

	Drive innovation and gain business agility Cloud use cases	Optimize costs Cloud use cases	Enhance security and reliability Cloud use cases
Retail	• Real-time inventory management • Streamlined checkout process • Actionable insights	• Hosting platforms • Databases management • Processes automation	• Supply chain visibility • Robust security measures • Security threats real-time response
BFSI (Banking, Financial Services, and Insurance)	• Online and mobile experiences • Real-time decision making	• Modernized applications • Cost-saving measures • Database optimization	• Robust security measures • Fraud detection • Task automation
Travel & Hospitality	• Centralized reservation system • Rooms management	• Loyalty and retention program • Dynamic pricing • In-app traveler support	• Enhanced data privacy • Security monitoring • Multifactor identification
Sports & Entertainment	• Video on demand • Ticketing and venue management • Merch management	• Content creation collaboration • Scalable infrastructure • Content delivery network	• Injuries reduction • Business continuity • Security features
Manufacturing	• Production planning • Production analysis	• Remote monitoring • Demand prediction	• Regulatory reporting • Quality control • Equipment maintenance

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Cloud maturity journey

REQUIRED

Clear **business objectives** and prioritization based on the understanding of the problem that needs to be solved.

FOLLOWERS

On Premise

Single centralized server.

- Large-scale computer systems with high-processing capacity.
- Utilized to host the enterprises' applications.
- Require a significant up-front investment (CAPEX).

CHALLENGERS

Ad Hoc

Combination of on-premise and cloud servers.

- Systems distributed across multiple servers or nodes.
- Complexity to manage individual servers.
- Lower investment cost compared to on-premise only.

Cloud Ready

Virtual-machine capable.

- Systems designed for easy migration to the cloud.
- Adapt on demand through virtualization and automation.
- Lower investment cost compared to web server clusters and databases.

On Cloud

Infrastructure on Cloud.

- All systems migrated from on-premise to cloud.
- Digital assets, applications, and workloads yet to be optimized.
- Pay-as-you-go model investment (OPEX).

Cloud Optimized

IaaS and PaaS capable.

- Systems designed to leverage the full benefits of the cloud.
- Microservices-based applications, elasticity and API-first approach.
- Pay-as-you-go model investment (OPEX).

INDUSTRY LEADERS

Cloud Native

Cloud-written and designed.

- Systems designed for fully native cloud applications.
- Based on specific cloud principles: containers and orchestration.
- Pay-as-you-go model investment (OPEX).

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Partnering with Applaudo to leverage the potential of Cloud

FOUNDATION

REQUIRED

Infrastructure Assessment

Infrastructure assessment is crucial for businesses as it provides a comprehensive understanding of the organization's IT landscape, enabling optimization of resources, risk management, scalability planning, technology alignment, cost management, and compliance adherence.

By evaluating the current state of hardware, software, and networking components, leaders can identify inefficiencies, vulnerabilities, and opportunities for improvement to inform strategic decisions regarding resource allocation, technology investments, and regulatory compliance.

HOW CAN WE HELP?

- Cloud infrastructure analysis
- Security assessment
- Performance analysis
- Solution roadmap plan
- Cost optimization strategy
- Compliance management

DEVELOPMENT JOURNEY

ON PREMISE

AD HOC

READY

Infrastructure Modernization

Modernizing existing infrastructures offers increased efficiency and productivity. Businesses can achieve cost savings, scalability, and elasticity. Security and compliance measures ensure regulatory adherence, reducing the risk of downtime.

1. Migrating legacy systems to the cloud
2. Transition to microservices
3. Enhancing security and governance
4. Implementing DevOps practices

HOW CAN WE HELP?

- Cloud security posture audit
- CI/CD pipelines
- Cloud migration strategy
- Cloud migration planning
- Cloud infrastructure provisioning
- Microservices adoption
- Site reliability engineering (SRE)

ON CLOUD

OPTIMIZED

NATIVE

Infrastructure Development

Building infrastructure from scratch offers enhanced agility and flexibility. Businesses can respond swiftly to market changes and innovate faster. Scalability and performance optimization ensure that infrastructure can handle increased workloads without sacrificing experience, reducing the risk of system failures.

1. Deploying cloud native infrastructure
2. Adopting microservices
3. Integrating security and governance
4. Implementing DevOps practices

HOW CAN WE HELP?

- Cloud security posture audit
- CI/CD pipelines
- Microservices orientation
- Site Reliability Engineering (SRE)
- Infrastructure as a code

Infrastructure as a Service **IaaS**

Platform as a Service **PaaS**

Software as a Service **SaaS**

TECH MADE IN LATAM

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