ABC’s of Cloud Computing

→ All about Cloud Computing
→ Because it works better
→ Can Cloud Computing help my business?
Cloud Computing is a new technology development based on an existing concept!

You might think that the Cloud is an emerging technology. While it is in constant evolution, the concept of Cloud Computing is not new and is inherent to the very existence of the Internet! If you’ve ever wondered where email attachments are stored when sent and downloaded, then you have your answer! In short, the Cloud represents a set of IT resources located on remote servers, where content and applications are stored.

Virtual storage

With Cloud Computing, you have access to these shared virtual IT resources via a network. By storing information and software applications typically stored on local servers or workstations in the Cloud, you eliminate the need for costly on-site IT Infrastructure and support/management services. Cloud Computing gives you access to a high-performance technology ecosystem, which also allows you to take advantage of on-demand and mobile IT Services.

As a system, Cloud Computing is similar to the distribution of electricity... It consists of a repository accessible through a network that responds to the needs of users. Like the consumption of electricity, the amount of Cloud Computing you use—and pay for—depends on your usage of Cloud services and resources.
Why the global trend toward the Cloud?

BECAUSE IT WORKS BETTER

The interest in Cloud Computing is growing on a global scale because it offers a solution to many challenges facing organizations today.

Technological challenges facing enterprises

- Poorly performing and aging server infrastructure
- The need for on-demand technology provisioning
- Inadequate on-site data center and technology that is not scalable or cost-effective
- Increased costs & risks associated with the hiring, training and retention of IT resources
- Increased complexity associated with the deployment of new applications
CLOUD COMPUTING: A HIGHER LEVEL OF PERFORMANCE WITH DOWN-TO-EARTH ADVANTAGES

Cloud Computing is a simple and accessible technology solution with the power to transform the way we communicate, collaborate and do business. By deploying flexible, scalable and secure IT resources on demand, it offers a number of down-to-earth advantages:

- Reduced investment in the development, installation and renewal of IT infrastructure and staff
- Proactive maintenance performed by an expert service provider
- Maximized system uptime
- Unlimited storage and bandwidth
- Simplified collaboration and multiplatform access
- High level of security against piracy and theft of information
- Daily data backup
- Strong foundations for business continuity planning
**The 80-20 Rule:**
Studies have shown that up to 80% of a company’s IT resources (time and cost) can be consumed for the maintenance of existing infrastructure, leaving only 20% for the testing and development of new customer interfaces and internal processes. By greatly reducing these maintenance needs, Cloud Computing allows your IT staff to devote more time to strategic initiatives.
Can Cloud Computing
HELP MY BUSINESS?

Cloud Computing can improve the operational performance of all types of enterprises, small, medium and multinational. However, since Cloud Computing solutions are tailored to customers’ needs, certain issues must be addressed before making the leap. The adoption of a Cloud solution must also be brought into line in with managerial objectives.

CLOUD MIGRATION ASSESSMENT

The transition to a Cloud Model needs to be thought out carefully because the possibilities are endless. There is no single solution. A number of potential options must be considered in order to establish the ideal environment for the current and future needs of your enterprise.

- What problems do you want to solve through the adoption of a Cloud Computing model?
- What type of Cloud architecture is required (private, public or hybrid)?
- When, and in what order should you migrate your data, applications, operations and workloads to the Cloud?
- How will your data be secured in the Cloud?
- What succession plans should be implemented to overcome the unexpected?
- Which provider is best suited to ensure service tailored to the needs and development of your organization?
Remember that Cloud Computing is evolving and presents a new approach to a more structured, disciplined, stable, flexible, available and more affordable environment than traditional information technology deployment. But to enjoy these advantages, Businesses must prepare and make the choice of a service provider who knows and understands your challenges!

→ **Interoperability: A key issue**
Interoperability is a quality that is inherent to a Cloud solution. This allows different systems, devices and applications to interact seamlessly, and sets a foundation for the integration of future products or systems.
In addition to providing Cloud Computing services, Syntax offers expert management methodology backed by the implementation of best industry practices to ensure the stability of the Cloud ecosystem and the availability of resources.

A custom-tailored Cloud Computing infrastructure developed by Syntax gives you the benefit of an on-demand IT environment that is highly secure and built to accommodate growth.

As a partner of world IT leaders such as IBM, Syntax offers a combination of hardware, software and first class services:

- Strategic planning
- Project management
- Business consultation
- Design, programming, implementation
- Training
- Systems integration
- Maintenance, support and audit

Providing a full suite of technology solutions since 1972, Syntax is a dominant presence in North America for helping enterprises overcome technology challenges.
FOR MORE INFORMATION ON HOW CLOUD COMPUTING CAN BENEFIT YOUR ENTERPRISE, CALL ONE OF OUR EXPERTS TODAY.

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