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A quick guide on various deployment models in cloud computing

Once you realize that cloud computing is here to stay, the logical progression is to understand what method of usage is applicable to your business. The question today is not about getting on the cloud; it is whether to go public or private with B2B cloud integration? Or to go Hybrid!

Private Clouds

This system, also known as enterprise cloud or internal cloud, offers functions 'as-a-service' that are deployed through an internal intranet or a hosted datacenter within the company. As a natural progression from virtualization, private clouds provide advanced security that public clouds lack. Implemented and managed by the IT department, private clouds extend functions and applications as services across the enterprise.

Public Clouds

Public clouds are adopted by businesses that may not have onsite resources, time and requirements to deploy functions, applications and services. In this system there is little or no control over the underlying infrastructure. The advantage of utilizing public clouds is that they help in lowering total cost of ownership (TCO), enable easier management and allow access to global threat intelligence, such as malware alerts.

Managed Services

A variation of public cloud integration is managed services, wherein the technology, processes and people are managed by an external vendor. This model involves the vendor supplying B2B integration tools and experts to facilitate connectivity, mapping and partner onboarding. It offers flexibility in scaling human resources based on

demand of short term projects, such as ERP implementation.

Hybrid Clouds

Hybrid clouds adopt an integrated approach that combines public and private cloud features. Policies and rules are customizable to underlying infrastructure and security based on internal and external cloud requirements. It provides flexibility of in-house applications along with scalability of public cloud services.

All the 3 different types have basic core strengths. Careful evaluation of these options will give you an idea of what suits your business and apply the appropriate cloud configuration that fits your need. Most cloud computing firms today offer all three as a solution.

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