ECONOMIES OF SCALE WITH CLOUD COMPUTING & SERVICES PRACTICE

Cloud computing allows online access to a centralized data storage and other resources. This leads to economies of scale as multi-tenancy based solutions are deployed on one piece of hardware, with pooled resources that are shared among different users. Managing cloud resources using a browser and network devices such as a smartphone, tablet and computer make operations smooth and easy.
An important part of cloud computing services is flexibility in resources which can be managed both up and down. The three services offered cloud computing & services practice include:

Software as a service (SaaS)

SaaS or software as a service is a cloud resource distribution model which involves the hosting of applications by a vendor and provided to customers through a network. The network is mostly via the internet. SaaS is quite popular because technologies that support service-oriented delivery architecture and developmental approaches such as Ajax are widely used nowadays.

The increase in availability of broadband services has helped in the spread of SaaS and the resultant economies of scale.

Platform as a service (PaaS)

This is a type of cloud services practice that makes available a computing platform with a solution stack in the form of a service. The consumers of PaaS need either the tools or the libraries or both offered by the provider and controls configuration settings and deployment of software on the platform. It is a way to rent operating systems, hardware, network capacity and storage over the internet for running some applications or developing new ones.

Infrastructure as a service (IaaS)

IaaS is all about outsourcing equipment to support operations. The equipment can be hardware, storage, networking components and servers. The service provider is the owner of the equipment and their client pays on a per-use basis. IaaS aids in bringing economies of scale by enabling dynamic scaling, utility computing and billing, internet connectivity, administrative tasks' automation and policy-based

services.

Various companies around the world are benefiting from economies of scale that cloud computing & services practice brings about. It offers the following advantages:

Fast implementation with loads of time savings

Fast scaling to keep pace with sudden spikes in growth

Reduction in cost of maintaining infrastructure

Control over access and content as per the specified provisioning

Increase in productivity of IT staff

Reduced investment in infrastructure and maintaining facility.

Look for a leading network infrastructure provider to make the most of your investment in such a high-end cloud based solution. You can use any popular web search engine to look for one. Make sure you choose one that is comfortable in running all types of applications in the cloud and has extensive experience in handling various cloud-based projects.

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