Speed Up Cloud Deployment & Operational Efficiency with Managed Services

ORACLE Gold Partner

Reliason
YOUR SUCCESS IS OUR BUSINESS

Introduction

The cloud computing industry is on the rise as spending on cloud infrastructure and services are expected to be $235.1 by 2017. It has been observed that today majority of the enterprises rely on deployment of private clouds using commercial software. The widespread adoption of cloud computing is mainly because of its inherent benefits and economies of scale. Among other technologies, cloud computing fetches a positive ROI. Thanks to cloud computing services, customers have experienced saving on capital expenses. Need for extra servers and systems are eliminated as computing tasks are shifted to offsite data centres.

Companies using the cloud technology can transform the official space into something more productive that was once occupied with systems and computer equipment. Overall, cloud computing saves energy and operational expenses as there are few computers to manage. Moving applications to the cloud technology has the potential to reduce energy usage by 87%. This energy saving factor is very beneficial for the environment as it causes reduction in greenhouse gas emissions. Hence, deployment of cloud technology is not a bad idea as it saves on capital costs, operating expenses and environment.

Benefits of Public IAAS Cloud

Amidst varied cloud options available, companies have shown their interest on public cloud IAAS as a data center alternative for deployment of operating systems, applications, storage etc. Public cloud vendors offer a complete range of tools, pre-built applications and storage options. It is very important for companies to make wise choices while selecting cloud operators. All public clouds are not equal; hence, it is advisable to rely on cloud service providers that offer highly scalable solutions backed by security and flexibility.

Gradually, companies are relying on public cloud to run their applications. Therefore, it is important that the vendor platform is scalable enough to accommodate and maintain the system performance as it grows. Amazon Web Services (AWS) is a highly scalable cloud service provider that provides trusted services on pay-as-you-go basis to most companies, irrespective of the business size.

Cloud operations are capable of improving business systems as they provide a high-performance based sand box which eliminates business risks. If need be, modification of existing cloud applications can be done quickly before integrating them with other business systems. As cloud computing gains momentum, organizations get the freedom and opportunity to innovate and implement cutting-edge business strategies.

Difficulties in Deployment of Public IAAS Cloud

Architectural design during the deployment of cloud requires careful planning as it fulfils the current business objectives and also gives the flexibility to grow. However, even during deployment of an IAAS cloud companies often face the following concerns:

- **Designing and Planning:** During the very first cloud deployment, companies prefer taking easy-to-deploy tools available with a public vendor. This strategy may work in some cases, but mostly Initial deployments have experienced application sprawl, broken applications, waste of resources and limitations on growth.

- **Use of Cloud Based Tools:** IT personnel at data centers undoubtedly possess superb skill sets. However, not all of them have the experience / expertise of handling the present day cloud based tools and applications.

- **Complicated Pricing:** Although the public cloud expenditures are less as compared to premise-based solutions, the pricing structure may vary depending upon the usage, maintenance and upgrades required every month. Also, monthly expenses are quite high during first-time cloud deployments.

- **Daily Management:** Hiring or training cloud management personnel may cost higher than traditional IT expenses. Therefore, sometimes companies are in a fix to decide the most cost effective option that is whether to train, hire or contract outside expertise to manage their cloud.

Managed Services – A Solution to Break the Cloud Chaos

To achieve a successful cloud based business strategy with in-house resources, companies should rely on a service organization that specializes in cloud deployment. Managed service providers (MSPs) are proficient enough to streamline the overall cloud deployment process without any hassles:

- **Consultation for a successful cloud strategy:** During the consultation phase, MSPs audit your IT infrastructure and give significant insight with cost effective configurations before implementation.

- **Designing and planning implementation plans from start to end:** An MSP can plan and perform complete implementation for a cloud deployment. This includes selecting the optimum cloud operating system and development environment as per the set business requirements.

- **Executing hardware and software integration:** MSPs have the expertise to seamlessly carry out the integration process from user desktop and network operating systems to the cloud application.

- **Supervising the entire deployment process:** Early stages of cloud deployment are critical, hence, MSPs provide 24x7 support services with a full back-up plan to safeguard the cloud implementations.

- **Managing on-going functions:** Unlike the cloud vendors who do not provide application management, MSPs provide on-going management of applications with additional system and performance monitoring. Experienced managed service providers resolve the complexities that arise during or after deploying a cloud infrastructure.

About Reliason Solutions

Reliason Solutions was established in 2007 to provide the solutions for Siebel, Oracle Business Intelligence (OBI) and Database Services. With extensive Siebel implementation and upgrade expertise, Reliason's Siebel implementation services assist companies to build end-to-end business processes by assembling pre-packaged components and combining them with their own custom components. We help businesses to deliver fast and customized solutions and keep pace with shifting business demands by leveraging reusable and modular components.

To learn more please visit: www.reliason.com