TANDARA

Business & People
The Monthly Bulletin of Multicultural Solutions LLC

MULTICULTURAL SOLUTIONS

UNAPOLOGETICALLY RADICAL... ABOUT BEING A TECHNOLOGY JUNKIE!

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UNAPOLOGETICALLY RADICAL

- **Cloud Computing**

WELCOME TO TANDARA

By Clara Matonhodze Strode

Welcome to the Tribe of Radicals! People who are #UnapologeticallyRadical about what they do and why they do it.

At Multicultural Solutions, we are #UnapologeticallyRadical about Multiculturalism. The belief that all cultures, not just the dominant culture, deserve equity in society. It not only makes our society better, but it enriches the way we experience life. We tend to love deeply, believe strongly, work diligently and fair better when we celebrate our colorful heritages together.

We are #UnapologeticallyRadical about that, we are forming a whole tribe around it! What are you #UnapologeticallyRadical about?

Our business feature this month is from someone #UnapologeticallyRadical about Technology. She's so radical about technology, she's started training the next generation of tech experts! Read On...

Cloud Computing Deployment Models

Get Ready for the Future

By 2020 cloud computing will be the most preferred choice for software development according to expert's prediction. Cloud Computing is rapidly gaining popularity. In place of local servers, organizations are shifting to using pools of managed computer systems available over the internet.

Cloud computing has different deployment models such as private cloud, community cloud, public cloud, and hybrid cloud. This article briefly reviews the four most common deployment models.

Cloud Models

Public Cloud

Public Cloud shares infrastructure and resources among the general public. The data is stored and managed by a third party. The users do not need to buy or maintain their own servers and the cloud owners provide these services at a fee or free to users.

The costs are spread over a wide range of users, each has the option to scale when the need arises. Some of the companies offering this include Oracle, Amazon, Microsoft and Google.

Private Cloud

From a technical point of view, there is no major difference between private cloud and public cloud because they are designed the same.

This cloud option comes with enhanced security since the data center hardware resides in a firewall. This can be hosted on a third-party company or within the company premises. The company could manage the infrastructure itself or it can be managed by a third party even if one company runs it privately. Many organizations are considering using a closed private cloud to minimize data exposure.

The major shortcoming is the cost since the hardware and software are expensive. Due to the cost of delivery small and medium-sized companies do not select this model.

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CLOUD COMPUTING DEPLOYMENT MODELS CONT'D

Community Cloud

Community cloud shares infrastructure and resources among several organizations. These generally have common concerns such as security, compliance and jurisdiction. It could be managed internally or by a third-party and either hosted internally or externally.

The costs are spread over fewer users than a public cloud although more than a private cloud. Therefore, only some of the cost savings potential of cloud computing are realized.

This model is currently not widespread. Some of the companies offering this include Microsoft, Google, IBM and Red Hat.

Hybrid Cloud

Hybrid cloud comprise of the highest quality features of community cloud, public cloud and private cloud deployment models.

It enables organizations to use and mix the feature of all types of deployment models that suit their needs. A company can host its very sensitive data on a private cloud with high security and the less sensitive data to the public cloud. By doing so it safeguards and controls its important resources cost-effectively. There are application and data portability.

The benefits of a hybrid model are data privacy, higher security, flexibility and affordable price for a specific purpose. It benefits the organizations to allocate resources to review its data and categorize into sensitive and non-sensitive.

It is recommended that organizations work with strategic partners to determine which model aligns to the business requirement and technology strategy. *Written by Waithera Murache, IT Manager - Finance & Accounting Systems .Oracle Financials on Premise & Cloud, Six Sigma, SOTP(Sox),SMC(Scrum),CMS.*

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