Cloud Adoption in Enterprise

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Abstract— In the competitive world, organization have to move fast and have to adapt new technologies to compete other organizations. Cloud computing is a marvelous technology has been proved for an enterprise as it reduces the overall initial capital investment and offers several benefits to clients as well as service providers. Cloud hosts numerous services that are beneficial to the enterprise by reducing cost and increasing profit. An enterprise can use the services provides by cloud on pay-per-use basis. Moreover, cloud services also offers the scalability features and working of people in enterprise in a collaborative and effective way.

This study entitles the role of cloud services in an enterprise and provides a look at the services provided by cloud to enterprise. However, this study also encompasses some of the applications used by enterprise.

Keywords— Cloud computing , Issues, Role of cloud in Enterprise Applications.

1. INTRODUCTION TO CLOUD COMPUTING

CLOUD Computing is the network-based computing, whereby hardware or software resources are shared to different number of user on-demand basis. Cloud computing refers to delivering of hosted services over the internet and encompasses subscription based or pay-by-use service, that in real time, extends IT's existing capabilities. Basically, cloud refers to the pool of shared resources such as database servers, application or storage over the network. This reduces the overall cost to establish an organization and maintenance burden of different resources, these resources are managed by the service provider.

2. ROLE OF CLOUD IN ENTERPRISE

Today, to survive in competitive world, there is always a requirement for an organization to improve efficiency of operation of an organization and reduction of operational cost and maintenance cost of the organization [1]. Cloud computing offers the

better Return On Investment (ROI) for an organization to use, maintain and upgrade business. The enterprise using cloud can access their data stored on the cloud anytime at any place by using cloud-based applications. Cloud offers various benefit to the enterprise like, there is no upfront capital expenses required for data centers, servers, storage, and security and also offers the pay-per-use facility for using cloud resources. Pay-Per-Use provides cost reduction benefit, as the enterprise only has to pay for the resources that are to be used, not have to bear the capital investment for establishing and maintenance of the resources. Cloud computing also offers the Scalability of the business with least cost by resources at on-demand basis.

3. USE OF CLOUD SERVICES IN ENTERPRISE

Cloud offers different beneficial services to the enterprise. This section includes different the various services provided by cloud in enterprise.

3.1 Managing Contact List

Cloud contact management solution allows enterprise to store and manage thier contact list in a secure, central location. With Cloud contact manager, they can import and export contact lists, organize each contact by category, and share contacts with others through an online interface.

3.2 Managing Project

Cloud Computing provides an effective way to lean and digitized project management. Managing project facility of cloud allow the enterprise to global collaborate with project talent around the world. This facility provides global and interactive learning at affordable price.

3.3 Collaborating on Reports

Collaborating on reports is useful when enterprise want to make a reminder to investigate low sales figure of a particular product, or to explain an anomaly in data that is used for the purpose of reporting. Collaborating is the new feature of cloud in which the data to be collaborate is saved onto the centralized cloud server from where other can access that data.

3.4 Collaborating on Event Management

With event management applications, cloud provides every facility required to schedule and manage event. These applications provides a complete solution ranging from increase event attendee and decrease event cost. By using event management application, and organization can easily organize the concert or conference by putting together event, handle attendee registration, event marketing and sale of tickets. These tools also allows enterprise to promote their event over the social networking sites like Facebook, any blog.

4. APPLICATIONS OF CLOUD FOR ENTERPRISE

This section provides different tools provided by cloud that can be used by enterprise for different purposes.

4.1 Plaxo

Plaxo is a cloud contact management address book, which was developed by Sean Parker in 2002. Plaxo is an address book that provides automatic update of the contact list. Whenever, any individual make changes to particular contact in the list, plaxo update the address book of all accounts who listed the account changer in their own books [2,3].

Figure 4.1: Plaxo Contact Management Software

4.2 ProjectPlace

ProjectPlace is the project management service launched in 1998 and developed by plainview. Projectplace offers a wide range of powerful tools that can be used by an enterprise to effectively and collaboratively manage its project over the ineternet. Projectplace executes the project on time, quality and budget. Projectplace provides reporting and project control feature by using which planning and decision making activities becomes easier [4,5].

Figure 4.2: ProjectPlace Web Service

4.3 Brightpod

Brightpod is the project management web based service that provides and interactive environment for managing and collaborating projects. It was launched

in 2013 by Synage Software Pvt. Ltd. Brightpod allows higher authorities of organization to keep eyes on the each of the project, provides a way to track each and every activity in the flow of development of the project, provides the calendar facility to plan the content of the project accordingly [6,7].
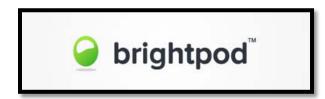

Figure 4.3: Brightpod Project Management Web based Service

4.4 RegOnline

Regonline was launched in 2013 by Lanyon Solutions. Regonline is a quick and easy event management software, which allows organization to perfectly build an event by using tools that need to get event off the ground. It also allows organization to promote their event over the social networking sites like facebook, twiter etc. and also allows organization to track each and every activity of the event [8].

Figure 4.4: Regonline

4.5 Zoho Office Suite

Zoho is a web based office suite, which provides a complete set of applications required in the business organization. Zoho provide the services like word processing software, presentation, database, or event customer relationship management. Zoho was launched in 2005 by Zoho corporation. Zoho also provide an integrated development environment for developing websites online easily and effectively [9,10].

Figure 4.5: ZOHO Software-as-a-Service.

5. CONCLUSION

In nutshell, we can say that cloud computing is an emerging technology, which offers several benefits to an enterprise by providing different services. An enterprise which uses the cloud services takes the benefits of cloud services on pay-per-use basis. This reduces the overall capital investment, and also provides the better way to scale the organization.

The cloud computing provides different services to enterprise like customer contact list management, collaborating reports, managing schedules, managing project and events, or office management utility software. This study entitles some of the services provided by the cloud service providers to the enterprise. Moreover, this study also encompasses some of the popular applications of cloud used by enterprise. The future scope of this study is to include some other aspect and issues of using cloud services in enterprises.

6. REFERENCES

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