

A Review paper: Cloud Deployment Model

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Abstract

If we ask to you – What is cloud then what’s your answer. As in my knowledge cloud is just a thing which conduct only rain but in technology or in computer science we say that cloud is a on demand delivery of computing services, such as database storage backups, networking software and resources. These are located on the third party which owned the data centers. And , how I think you should also eager to know about Data centers , As the name shown data is a raw material before processing in computer CPU , and center means middle part where all processed data are were stored for future use . The data centers are physically, which stores all computing machines, between and a company’s / organizations digital data on it.

Now, ask about cloud deployment model, cloud is a part of cloud computing in which computing means computer thing in a meaningful way. Or to calculate, either literally or figuratively or compute means the use of computer to process data or perform calculations.

A cloud deployment model, simply means that how a company or an organization choose. Cloud computing environment, which is useful for control the infrastructures, who can access it freely and whether resources are shared or dedicated.

There are many types of cloud deployment model. Firstly, we know the use of deployment model. it provides centralized data security management; which organization provide security to these cloud databases.

Disaster recovery, scalability and flexibility, cost savings, faster time to market, better collaboration, advanced security, data prevention.

Keywords: - Deployment model, Cloud types,

Types of Deployment Model in Cloud Computing

1. Public
2. Private
3. Community
4. Hybrid

There are several cloud services such as IAAS, PAAS, SAAS.

1.Public Cloud :-

In this cloud the resources are offered by a 3rd party provider. Through internet and shared by the organization and manually / individual who wants to use or purchase them. Some public cloud computing resources are available for no cost / free. If consumer wants to more resources, then he/she will pay-per-usage pricing model.

In this model, resources are available only to a single organization and data centres also managed either on these premises or to office vendors. Public clouds will provide infinite scalability and self-services provisionally to meet the workload and user demands.

2. Private Cloud:-

In this cloud, all resources are offered by a single organization, without use of 2nd and 3rd party. These cloud services are on demand. Whenever organization demand for their Cloud services then these services is offered to anyone organization. It is physically located at your organization on site data centre in private cloud all services and infrastructure we always maintained by the private server and network. This private cloud the resources are managed and hosted by organization in various of ways some benefits of private cloud first security, second customization, third control and fourth scale ability.

3. Hybrid cloud

As the name seem hybrid means a combination of two or more cloud together make hybrid. One is public and private cloud environment.

In this cloud environment it allows data and is shared between the there are some benefits of hybrid flexibility scalability counter cost effective.

4. Multi cloud

As the name shows multi means use more than one cloud provider at a time. It is just similar hybrid cloud but in this cloud types we use only more than one public cloud method of private cloud but by this there is less possibility of redundancy or risk because in this we distribute data and application across the multiple cloud. By this organization can reduce the risk of downtime and ensure business continuity

Flexibility increases by this organization can choose the service which is best stiff for their needs

It can move fast and spend less time.

5. Community cloud

Community cloud it is a type of cloud infrastructure in which more than one organization share their resources and services which are based on common operational requirements it is just like a Garden whenever want they use their resources

This is very cost effective and boosts the efficiency example like if some Organization shares the cost and task implementation and also shares their maintenance.

By this cost should be divided.

Conclusion

The cloud development model is a very effective model in this there are three types of cloud model which have different benefits this is also very useful for businesses. By this they were is computing power as we know the way business spread around the world many people are unaware of this why did the whole we are able to understand the different or various type of cloud computer which are very visible with speed UPS business by knowing these models of cloud.

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