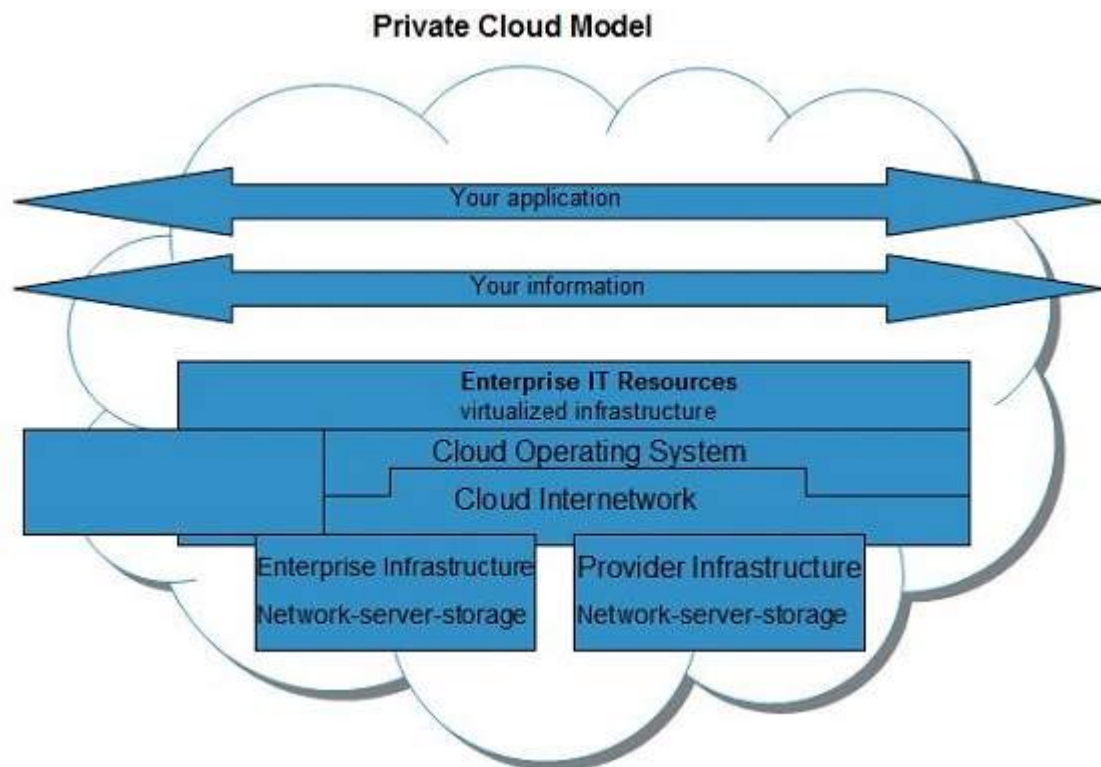


# PRIVATE CLOUD MODEL

[http://www.tutorialspoint.com/cloud\\_computing/cloud\\_computing\\_private\\_cloud\\_model.htm](http://www.tutorialspoint.com/cloud_computing/cloud_computing_private_cloud_model.htm)

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**Private Cloud** allows systems and services to be accessible within an organization. The Private Cloud is operated only within a single organization. However, it may be managed internally by the organization itself or by third-party. The private cloud model is shown in the diagram below.



## Benefits

There are many benefits of deploying cloud as private cloud model. The following diagram shows some of those benefits:



## High Security and Privacy

**Private cloud** operations are not available to general public and resources are shared from distinct pool of resources. Therefore, it ensures high **security** and **privacy**.

## **More Control**

The **private cloud** has more control on its resources and hardware than public cloud because it is accessed only within an organization.

## **Cost and Energy Efficiency**

The **private cloud** resources are not as cost effective as resources in public clouds but they offer more efficiency than public cloud resources.

## **Disadvantages**

Here are the disadvantages of using private cloud model:

### **Restricted Area of Operation**

The private cloud is only accessible locally and is very difficult to deploy globally.

### **High Priced**

Purchasing new hardware in order to fulfill the demand is a costly transaction.

### **Limited Scalability**

The private cloud can be scaled only within capacity of internal hosted resources.

### **Additional Skills**

In order to maintain cloud deployment, organization requires skilled expertise.

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