Seminar on

CLOUD & UTILITY COMPUTING

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What is Cloud Computing?

1. **Marketing Term** for the Technology.

2. **Provide** Computation, Software, Data Access, Storage Access.

3. Do not require **End User Knowledge**.

4. Describes a **New Supplement, Consumption**.

5. Deliver the Application **via Internet**.

What is Cloud Computing?

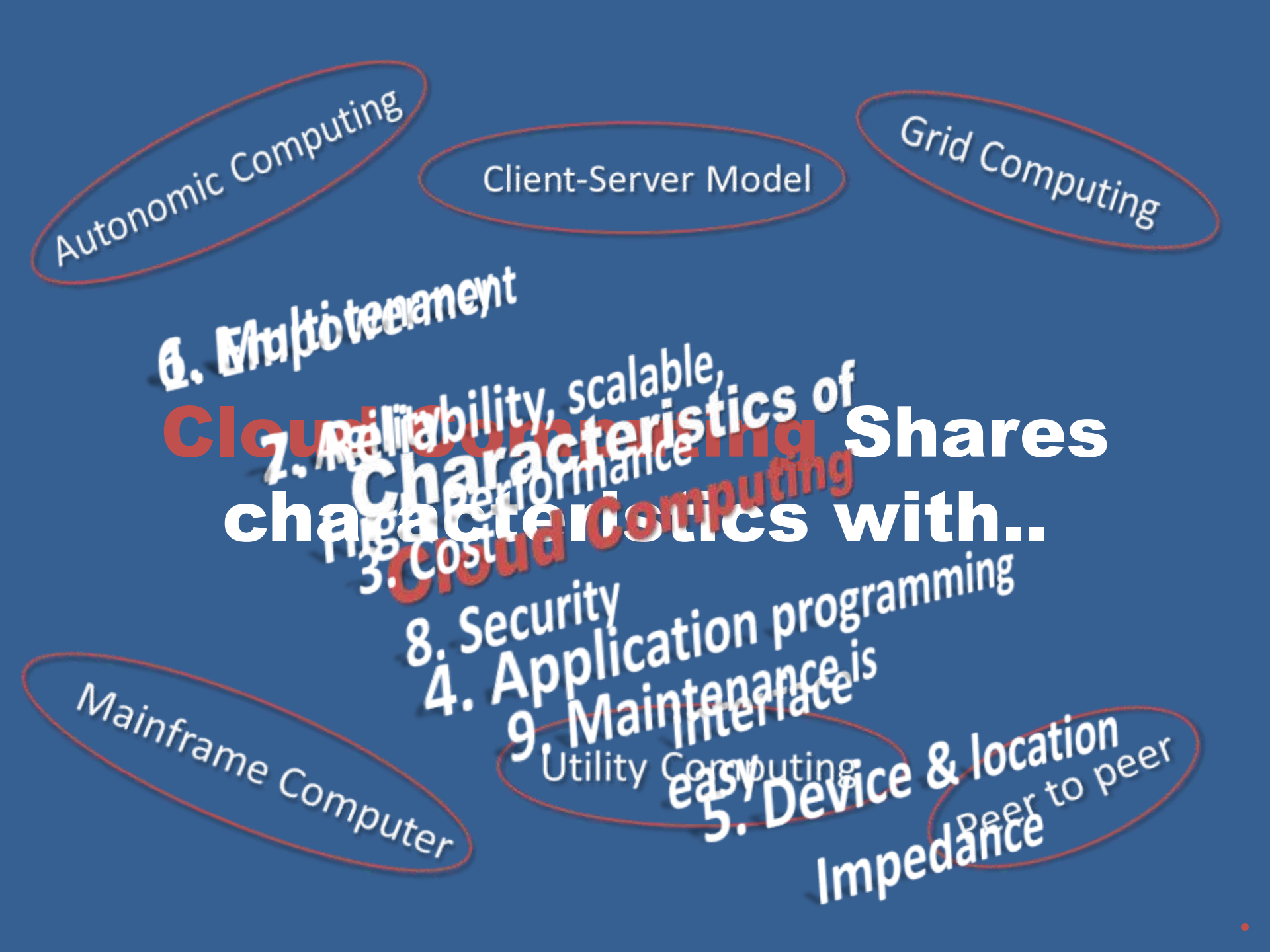
6. Data are stored in Servers, at the **Remote Location**.

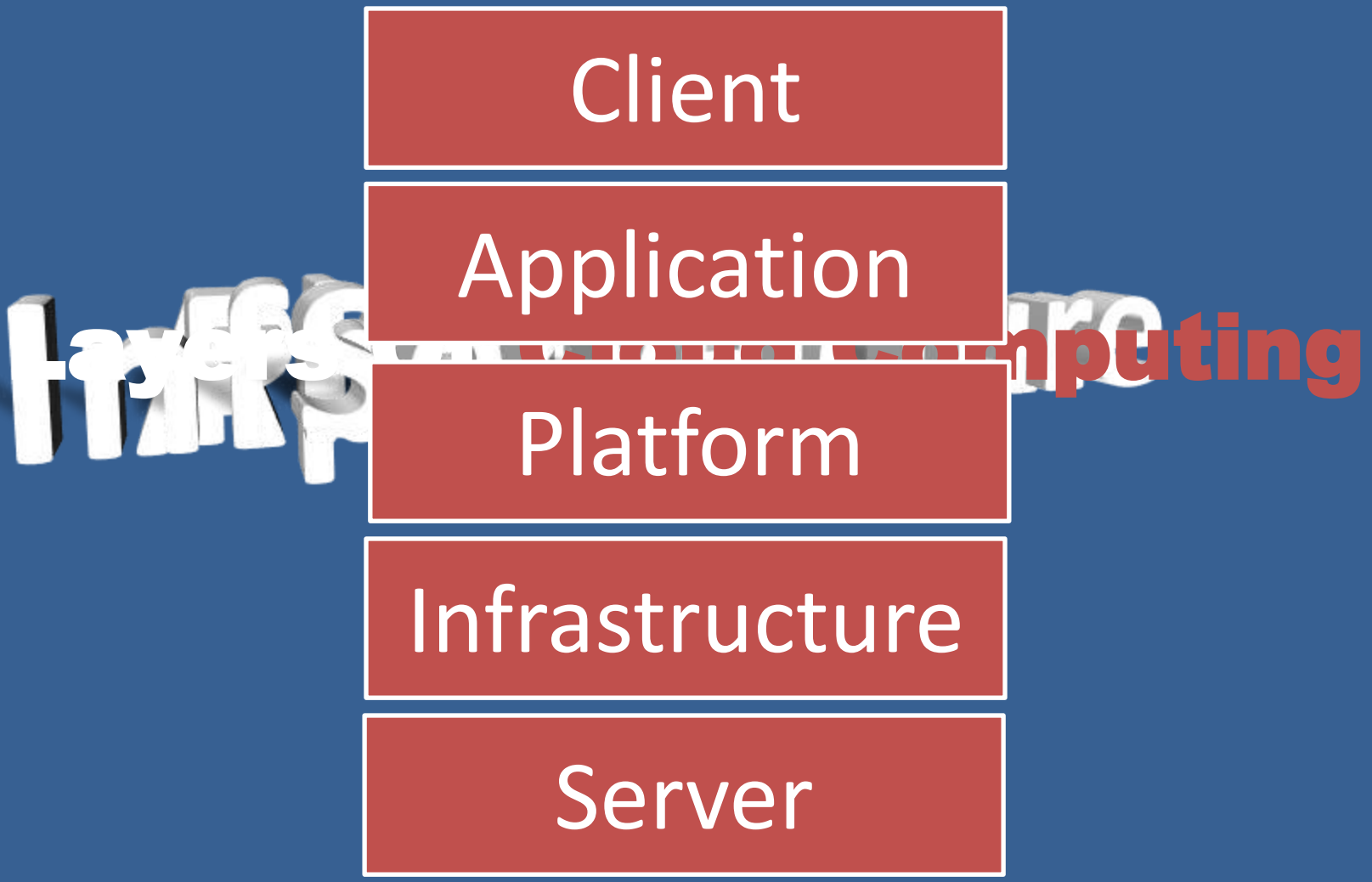
7. Application has been coded using **AJAX**.

8. **Grid Computing**.

9. Idea that applications runs over the cloud, we don't care where it is!
   (Corporate Internet)

10. Allows the user to run **Application Fast**.


Autonomic Computing
Client-Server Model
Grid Computing
6. Multitenancy
7. Reliability, scalable,
Characteristics of
Cloud Computing
Cloud Computing Shares
characteristics with..
1. Agility
2. Performance
3. Cost
8. Security
4. Application programming
9. Maintenance is
Interface
easy
5. Device & location
Impedance
Peer to peer
Utility Computing
Mainframe Computer


Client
Application
Platform
Infrastructure
Server

Client

Consist Computer S/W And H/W

Application

Application provided via Internet

Platform

Deliver a computing platform

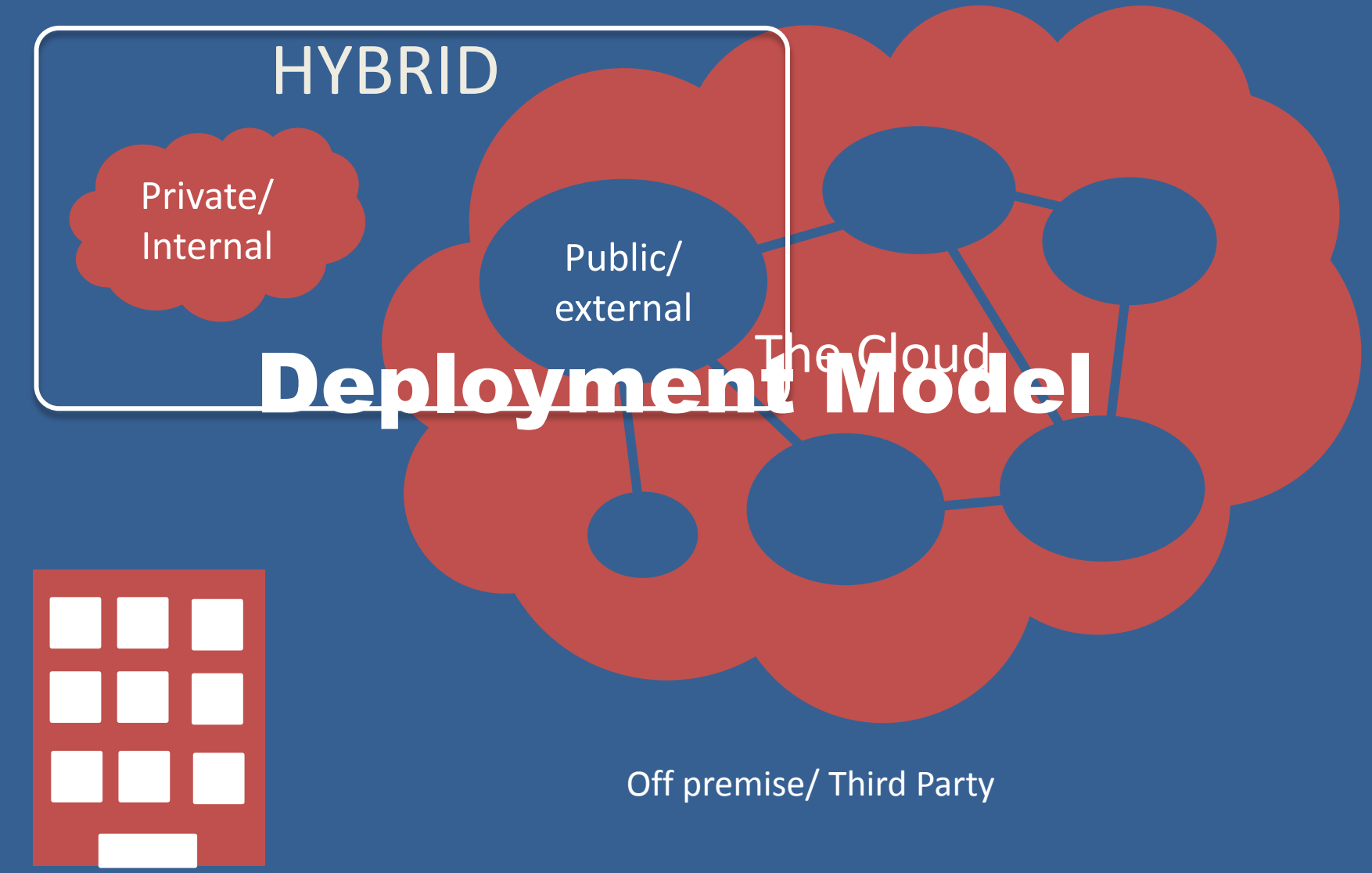
Infrastructure

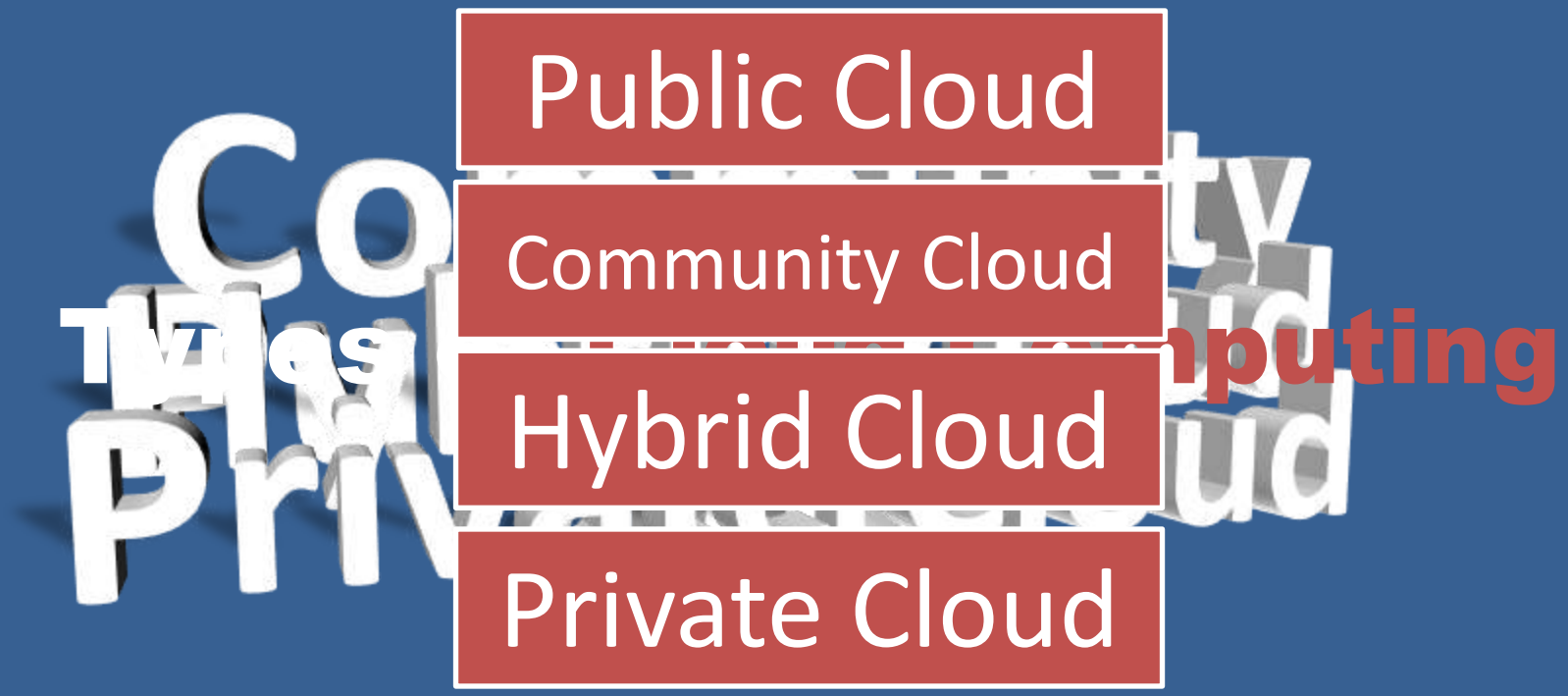
Platform virtualization

Server

Consist the layers of H/W and S/w

Deployment Model




Public Cloud
Community Cloud
Hybrid Cloud
Private Cloud

Types of Cloud Computing

Public Cloud

Provided resources for a general public over the internet.

Community Cloud

Shows the infrastructure between several organization.

Types of Cloud Computing

Hybrid Cloud

Composition of two or more cloud.

Private Cloud

Operated for a single organization.

Utility Computing

1. Packaging of computer resources, such as **Computation Storage**.

2. Support **Grid Computing**.

3. **Benefit**- It is a better Economics.

4. Requires a cloud like **Infrastructure**

5. It is the **Service Model**, which provides us the service.

Utility Computing

6. The word **UTILITY** is used to make a analogy.

7. Another versions are carried out within an **Enterprise**.

8. IBM, HP, Microsoft still working on the **Utility Computing**.

9. Customers receives the **Computing Resources**.

10. The definition of “**Utility Computing**" is sometimes extended to specialized tasks, such as web services.

THANKS

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