



ECAP470: CLOUD COMPUTING

Dr. Tarandeep Kaur
Assistant Professor

Learning Outcomes



After this lecture, you will be able to,

- ✓ know about end user access to cloud computing and End-user Computing
- ✓ explore the different applications of cloud service in various areas of life

End User Access to Cloud Computing

In today's world, many organizations have incorporated public cloud services into their workspace strategy.

End User Access to Cloud Computing

- Switch from CAPEX to OPEX procurement.
- Security has dramatically improved.
- Organizations are able to reduce complexity and risk.

End User Access to Cloud Computing

- End-user computing (EUC) refers to computer systems and platforms that help non-programmers create applications. However, there is a lot more to EUC and its related technology, VDI, which essentially hosts desktop environments on a central server.
- Can be considered a form of desktop virtualization.

End User Access to Cloud Computing

- End-user computing (EUC) refers to computer systems and platforms that help non-programmers create applications. However, there is a lot more to EUC and its related technology, VDI, which essentially hosts desktop environments on a central server.
- Can be considered a form of desktop virtualization.

End User Access to Cloud Computing

From Desktop as Software to Desktop-as-a-Service

End User Access to Cloud Computing

Why use EUC?

- Remote Offices.
- Remote Workers and BYOD Users.
- Changing Requirements.
- Compliance and Licensing Control.
- Work smarter with End-user Computing Solutions.

End User Access to Cloud Computing

Why use EUC?

- Remote Offices.
- Remote Workers and BYOD Users.
- Changing Requirements.
- Compliance and Licensing Control.
- Work smarter with End-user Computing Solutions.

How Cloud Computing Can Empower End Users?

- Users access cloud computing using networked client devices, such as desktop computers, laptops, tablets and smartphones. Some of these devices - cloud clients- rely on cloud computing for all or most of their applications to be essentially useless without it.



How Cloud Computing Can Empower End Users?

Applications/ successful SaaS offerings that are proving beneficial to the end users:

- YouTube
- Zimbra
- Facebook
- Zoho
- Dimdim

How Cloud Computing Can Empower End Users?

Reasons for Wide Adoption of Cloud Model-

- Consumer-driven innovation
- Rise of power collaborators.
- Changing economics.
- Lowering of barriers to entry.

How Cloud Computing Can Empower End Users?

- Lower Computer Costs.
- Improved Performance.
- Reduced software costs.
- Instant software updates.
- Improved document format compatibility.

How Cloud Computing Can Empower End Users?

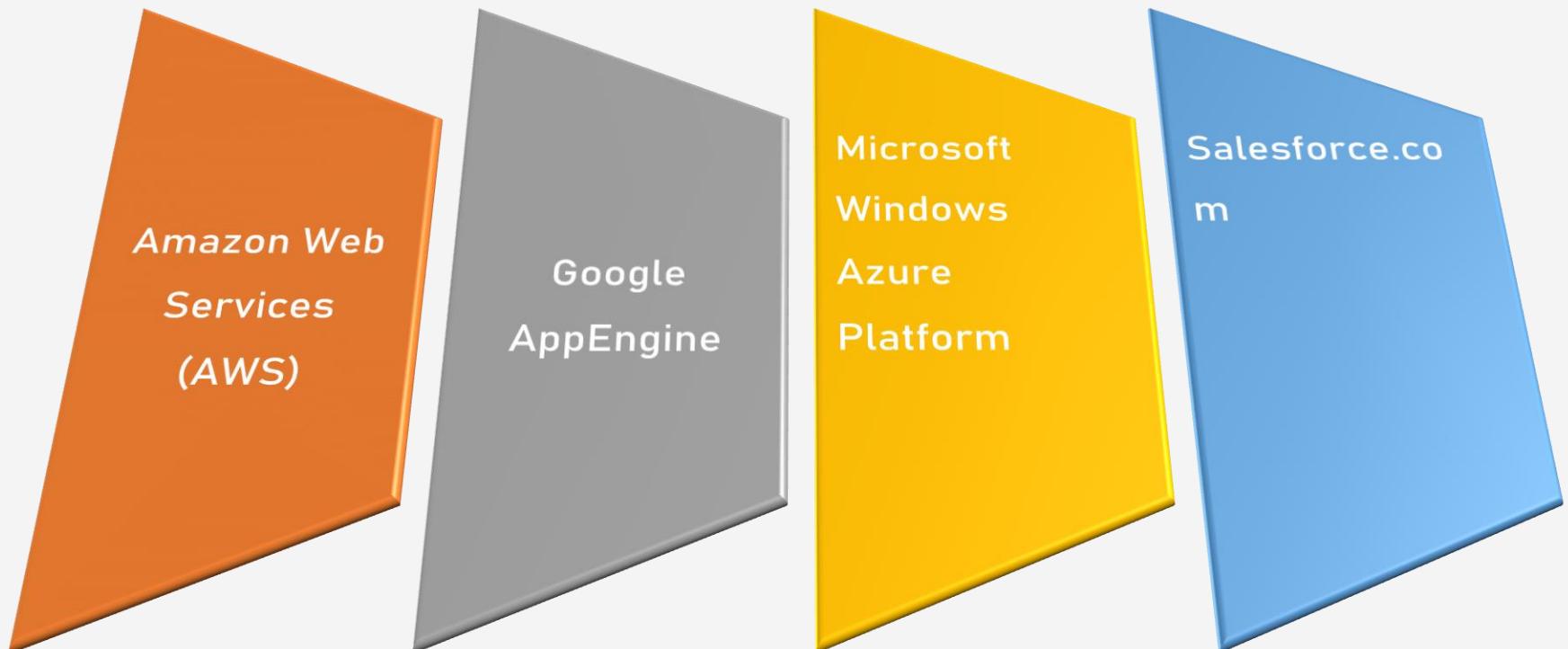
- Unlimited storage capacity.
- Increased data reliability.
- Universal document access.
- Latest version availability.
- Easier group collaboration.
- Device independence.

Applications of Cloud Service in Various Areas of Life

Cloud computing offers distributed; agile; transparent; seamless integration and delivery of services to the users and thus extends a wide horizon of opportunities for supporting highly pervasive technological progress and innovations.

Applications of Cloud Service in Various Areas of Life

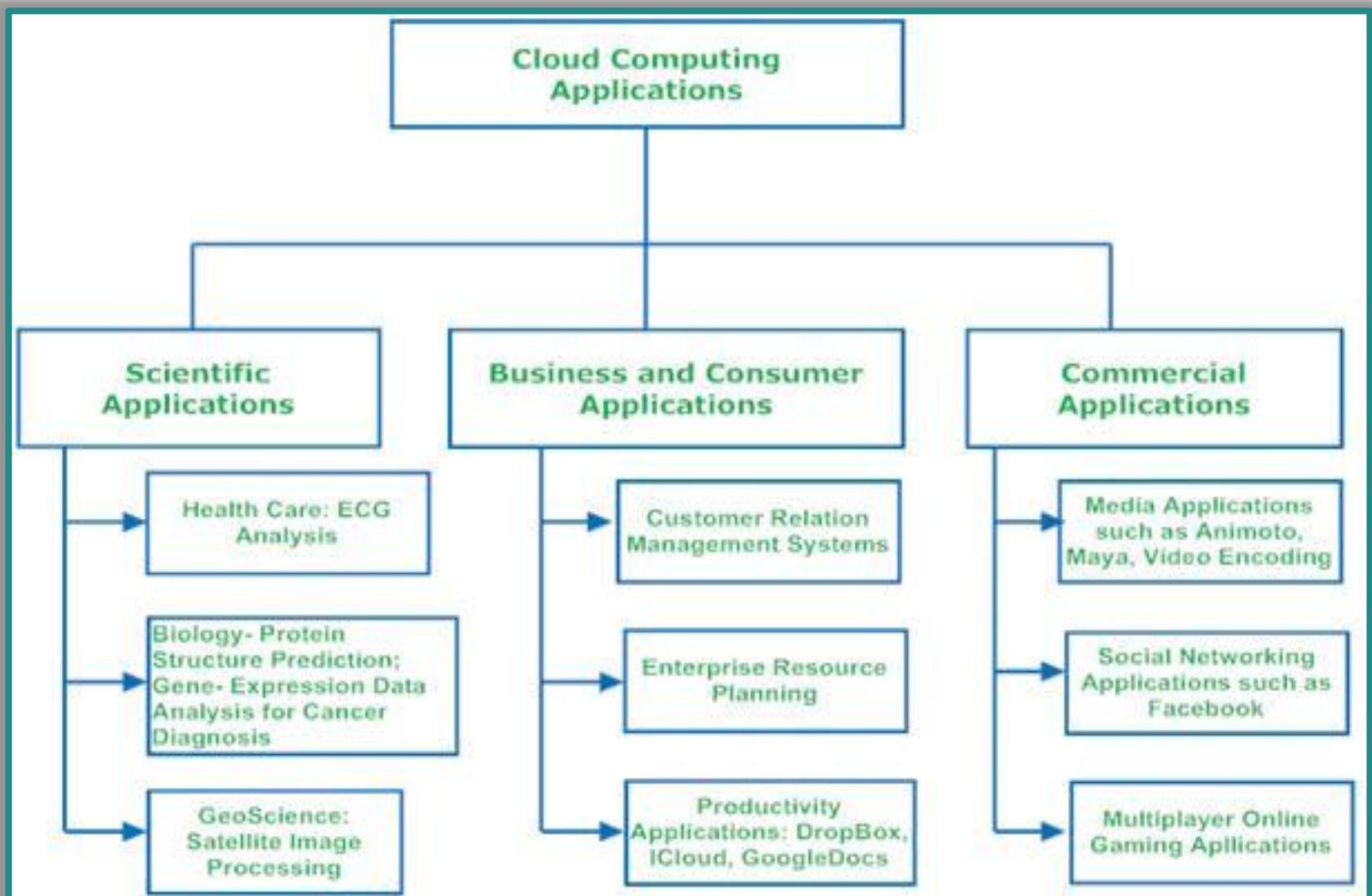
Prominent cloud-based ventures include:



Applications of Cloud Service in Various Areas of Life

Product	Type Description
Amazon Web Services (AWS)	A collection of large number of web services facilitating computing, storage and other advanced services especially for IaaS services.
Google AppEngine	Supports development of simple and scalable web applications
Microsoft Azure	A kind of cloud operating system enabling development of scalable applications.
SalesForce.com	A SaaS solution for creating CRM applications vested on Force.com platform.
RightScale	A management platform for cloud providing scalable infrastructural support.

Applications of Cloud Service in Various Areas of Life



Applications of Cloud Service in Various Areas of Life

Cloud computing can lucratively host pervasive applications ranging from scientific consumer and business domains driven by its capability to liberally map existing applications to it without much alterations.

- **Scientific applications.**
- **Business and consumer applications.**
- **Media applications and social networks.**

Applications of Cloud Service in Various Areas of Life

- Cloud computing in E-commerce
- Cloud computing in Education
- Cloud computing in E-Governance
- Cloud Computing in Healthcare

Applications of Cloud Service in Various Areas of Life

- Cloud Computing in Entertainment.
- Cloud Computing in Art Sector.
- Cloud Computing in Management.
- Cloud Computing in Social Networks.

That's all for now...