

# Google Cloud : The Next Level

Understanding of Cloud Computing



# Cloud Computing

- Cloud is very popular in recent days, but what is cloud?
- Cloud Computing Official Definition -  
*“Cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the Internet. To offer faster innovation, flexible resources, and economies of scale. You typically pay only for cloud services you use, helping lower your operating costs, run your infrastructure more efficiently and scale as your business needs change.”*

# Cloud Computing

- Cloud computing is a combination -
- **On Demand SelfService** - No Human intervention to get resources.
- **Broad Network Access** - Access from Anywhere.
- **Resource Pooling** - Provide Shared machine to Customer.
- **Rapid Elasticity** - Get More resource quickly as needed.
- **Measured Services** - Pay only for what you consumed.

# Cloud Computing

- Types of Cloud Computing -
- **Public Cloud** - Public clouds are owned and operated by a third-party cloud service providers, which deliver their computing resources like servers and storage over the Internet.
- **Private Cloud** - Cloud computing resources used exclusively by a single business or organisation. A private cloud can be physically located on the company's on-site datacenter.
- **Hybrid Cloud** - Hybrid clouds combine public and private clouds, bound together by technology that allows data and applications to be shared between them.

# Cloud Computing

- Types of cloud services: IaaS, PaaS, and SaaS -
- **IaaS** - Infrastructure as a Service. With IaaS, you rent IT infrastructure—servers and virtual machines (VMs), storage, networks, operating systems—from a cloud provider on a pay-as-you-go basis.
- **PaaS** - Platform as a service refers to cloud computing services that supply an on-demand environment for developing, testing, delivering and managing software applications.
- **SaaS** - Software as a service is a method for delivering software applications over the Internet, on demand and typically on a subscription basis.

# Hands On Demonstration

---

# Thank You...

Don't be the Same! Be Better!!!

---