



# Cloud - Introduction

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# **We will cover with the following concepts**

- 1) Story of internet and servers
- 2) How things used to work ?
- 3) How things work now?
- 4) Why use cloud?
- 5) Terms we will not talk about
- 6) What we will cover

# We will not go into academic terminologies

- 1) Classification of Cloud services - SAAS, PAAS, IAAS etc.
- 2) We won't go into tricky lingo

## When internet started growing very fast



“What we really need in IT  
is someone who has super powers.”

## Time before cloud was tough

- The choice was to host your apps on someone's datacenter or get your own premise solutions
- There was a large variety of software and hardwares that was required to run those systems
- Highly skilled people were needed for setting up and maintaining such systems.
- Scaling this for thousands of apps was difficult
- The cost was quite high. Enterprises could afford it but not start ups or mid sized businesses.

# The world is on Cloud now!

- As the internet grew exponentially, the need for better network infrastructure grew
- Now the choice was simple - either own the complex hardware architecture and hire people to maintain that or Just delegate all these heavy lifting to someone else and do what you are actually good at it.
- There came cloud
- Now let me just give you a simple picture of what cloud really is..
- Here is how amazon has explained it -  
<https://aws.amazon.com/what-is-cloud-computing/>

# Number of reasons for using cloud..

- <https://aws.amazon.com/what-is-cloud-computing/>
- Some services provided by cloud service providers will be difficult to replicate at a single company level.
- We will learn about AWS cloud.

# The next steps are ...

EC2,  
S3,  
Route 53