

## Containers Virtualites the operating system

- -> abstraction at the operating system level
- -> Multiple containers can run on the same machine
- -> can share the host operating system kernel.
- -> container does not require its own operating system.
  - · The amount of disk space, RAM, processor time and other server resources that are saved.
- -> container, packages your application code and it's dependencies together.

## Benefits of cloud computing

## Reduce costs

- v cloud reduces both capex and opex.
- vorganization no longer have to spend huge amount of money on physical servers, related IT infrastructure specialized IT workforce server rooms or data centers.

organizations
faced with a large
initial capital expenditure
(Capax)

antivirus

software dB coolingsystem

Maintenance any other dependencies

Accessibility

server

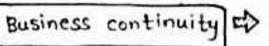
- · disaster recovery
- · failover system

pay as you go

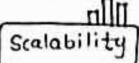


You will pay for what you use.

cloud resources are metered



any crisis do not result



scale up fr scale down (f

Never run out of

Automatic Updates

accessed From Virtually anywhere and anytime.

Increased collaboration

Self covering

