

# 3Infrastructure

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Can you explain the differences between IaaS, PaaS, and SaaS with examples?

## 1 IaaS.

: it/network architect.

1. Load balancers::
2. Compute VM
  1. virtual central processing units
  2. virtual main memory
3. storage
4. networking networking components for Vms
  1. routers
  2. switches
  3. bridges
5. servers
6. Resources are available as a service
7. Dynamic
8. flexible

Create platforms for app. 1. development. 2. Testing 3. Deployment

## 2 Advantages

Shared infrastructure. Web access to the resources. Pay-as-per-use model. Focus on the core business : rather than on IT infrastructure.

## 3 Disadvantages

1. Security (major issue of using cloud, thats why bank dont prefer). (The IaaS cloud computing platform vendor can get access to your sensitive data)
2. Interoperability issues:
  1. It is difficult to migrate VM from one IaaS provider to the other
3. Breakdowns at the IaaS cloud computing platform vendor's can bring your business to the halt stage