

Cloud Computing – Is your Network Ready?

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Frame the problem

- What is Cloud Computing ?
- Network Considerations
- Risks / Rewards

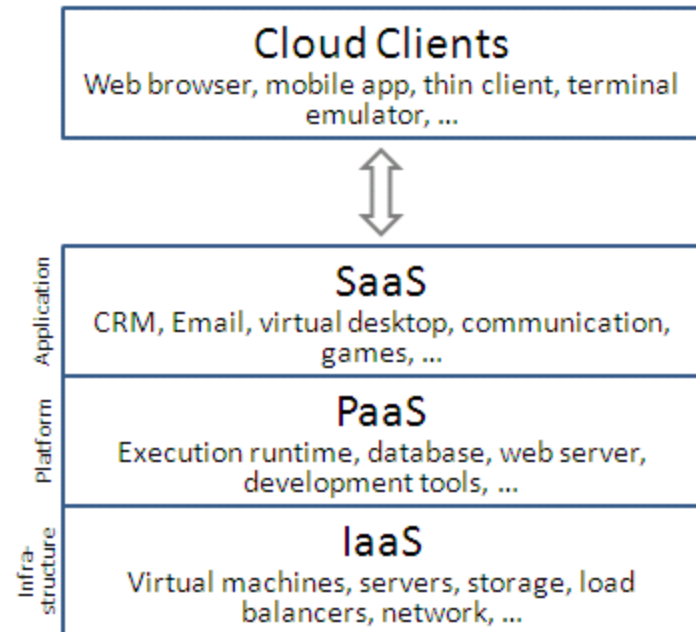
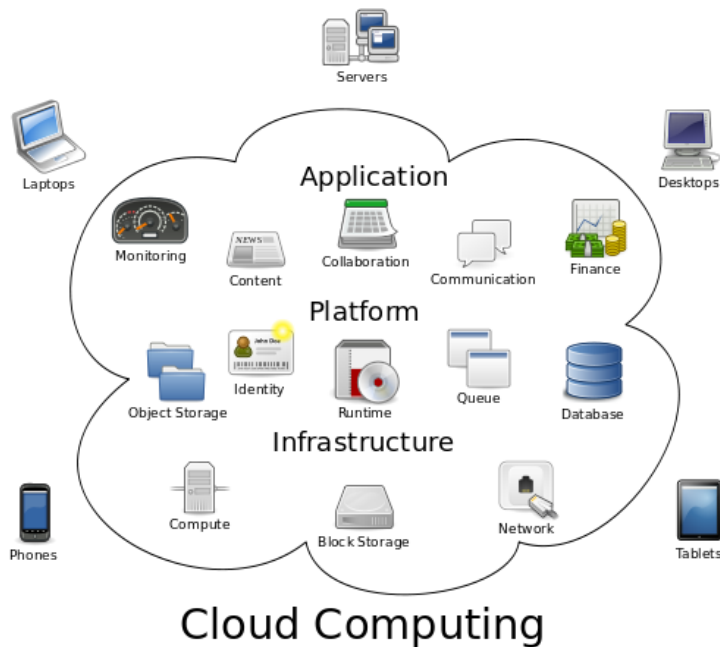
What is Cloud Computing?



Evolving Definition

- Technical Definition
 - Multiple Demand Generators
 - Share Multiple Physical Resources
 - Collectively Higher Performance / Lower Cost
- Today's Market Definition
 - The Resources are a Service Provider
 - Use the Internet to Access
 - Resources Available on Demand

What is Cloud Computing?



Source – Wikipedia.com

Networks for Cloud Computing

- Where are the Users?
 - All in the building
 - Multiple Buildings
 - Road Warriors
 - Virtual Company
 - Customers / Partners / Suppliers
- What are the User's Devices?
 - Desktops/Tablets/Mobile Phones

Other Considerations

- Capacity / Performance / Load Balance
- Security
- Compliance
- SLAs
- Adapt to Changing Configurations
- DR / BC
- Resources on Demand

Network Recommendations

- Size the Network Links
- Network Resiliency
- Direct Connect
- Public or Private
- Cloud Networking
- Application Aware

Risks / Rewards

- Less Capital / Opex
- Less Dependence on Internal IT
- Focus On Core Business / Beat Competition
- Position for Rapid Growth
- Are you better off in the Cloud for Considerations
- Can you stop Cloud?

Summary

- Cloud Computing has Advantages
- Take into account Network Considerations
- There are Solutions
- There are Risks but also Rewards
- Embrace The Cloud