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Patrocínio Principal



Apoios



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CLOUD COMPUTING AS THE BASIS OF NEW DIGITAL BUSINESS



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CONTENT

- *I come from*
- *What does it mean Cloud Computing?*
- *Where do we want to go?*
- *Steps*
- *What do we want to do and how?*
- *Remember*
- *Bibliography*

-WHAT DO YOU THINK ABOUT CLOUD COMPUTING?

-Which is the meaning of cloud computing?

-Are you using clouds nowadays?

COMPUTING MODELS

ON PREMISE

- Clients owns hardware and software
- Dedicated infrastructure designed for peak volume
- Fixed cost
- CAPEX intensive (Capital expenditure)
- Client owns risks

MANAGED SERVICES

- Client and provider owns hardware and software
- Dedicated infrastructure designed for peak volume
- Predictable monthly recurring fee
- Move CAPEX to OPEX
- Client and provider share risks

CLOUD SERVICE MODEL

- Provider owns hardware and software
- Shared infrastructure (multi-tenant) provisioned based on usage
- Utility based pricing
- OPEX intensive (Operative expenditure)
- Provider owns risks

Value of Cloud Computing

Agility

Instant access to the computing power and scale that you need

Utility

You pay for what you consume

Ubiquity

Its accesible anywhere...for anyone...at anytime

CLOUD TYPES

PUBLIC CLOUD

- Service provided owned and managed
- Access over the web
- Pay-per-use
- Multi-tenant

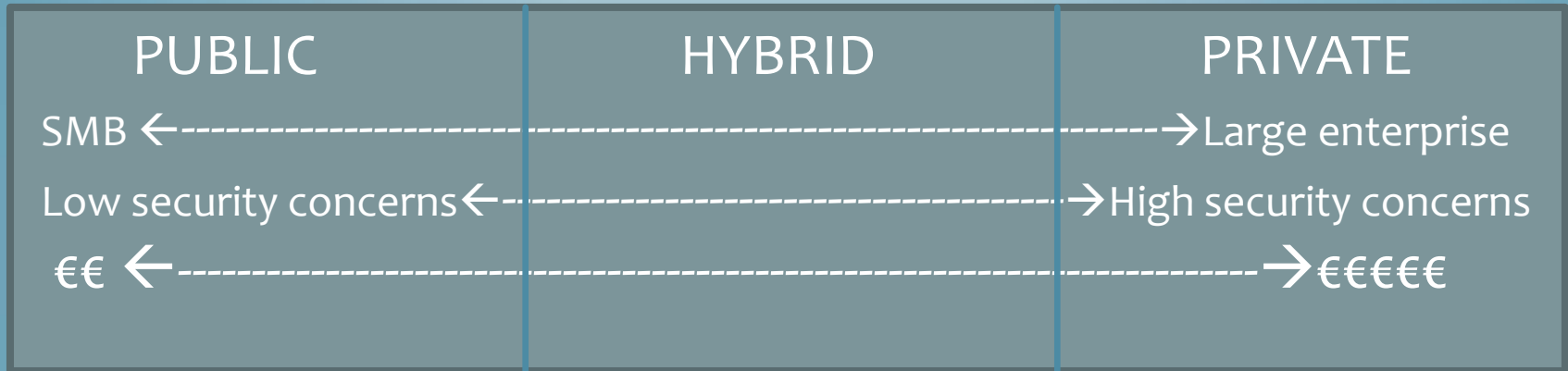
HYBRID CLOUDS

- Interoperable combination of private and public clouds

PRIVATE CLOUDS

- Service provider or self owned
- Internally or remoted hosted
- Simple tenant

Which one should I use?



The question is:
Which client fits your business?

Characteristics to be analyzed for (cloud connected system)

- 1) Security
- 2) Reliability (Fiability)
- 3) Fastness
- 4) Scalability
- 5) Economy
- 6) Independence

Characteristics to be analyzed for a System connected to the Cloud (cloud connected system) II

4) Scalability

The use of the system should grow or downgrow in base to the necessities of the user.

5) Economy

The use of the system should be less than to maintain an owned system.

6) Independence

The system in the Cloud should permit the access to the users on any browser based system.

USER TYPES I

1) Applications users

Users that use applications and software that exists in the Cloud (i the net, in Internet) (google apps, msnaps... etc.)

2) Storage users

Users that use the cloud as a storage center (data bank) of their information, with the idea to share or not with other users. (dropbox, box, sharenet...)

3) Sharing users (applications, storage)

Users to whom the net provides the majority of the services explained before (icloud, google, yahoo, msn...)

USER TYPES II

4) Developers

People dedicated to design software that works ONLY in the Cloud (generalizing only in the net, in Internet)

5) Regulators

“Aliens” that regulate (pretend to) the use of the Cloud (Serious like IEEE, ACM, W3C... not so serious as governments (politicians))

6) Administrators

People that manages the CPDs dedicated to the Cloud.

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- Doubts
- Questions
- Comments
- Suggestions
-some jokes

Thank you very much!

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