Virtual cloud computing

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Abstract— **This electronic document permits me to synthesis the first course of virtual cloud computing.**

I. INTRODUCTION

During this course, the mark will probably be 50 for exam and 50 for lab.

II. ON DEMAND SELF SERVICES

Amazon AWS is a famous service for virtual clouding.
For choose the resource pooling, we select the characteristics then we get a price associated.
It is highly scalable, that means a rapid elasticity.
Measured services mean that every day you use data, you will have to pay.

III. ?AAS

A lot of service exists :

- Service as a Service (SaaS) : managed by vendor (gmail(api REST), github),
- Platform as a service (PaaS) : only application is managed by usheroku (command-line tool)
- Infrastructure as a service (IaaS) : infrastructure managed by vendor (choose storage and OS),

IV. CONCLUSIONS

When building fault tolerant services, you need to be pessimic.

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REFERENCES

[1] http://www.i3s.unice.fr/ urvoy/