

Estágio

Mestrado em Engenharia Informática

Relatório de estágio

Avaliação da Robustez de Plataformas Cloud

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Contents

Abbreviations	2
1 Abstract	3
2 Introduction	3
3 State of the Art	3
4 Research objectives and approach method	4
5 Current work and preliminary results	5
6 Work plan and implications	6
7 Management	7
7.1 Reunions	7
7.2 Risks	7
7.3 Planning and Tracking	7
8 Notes to future	8
9 Conclusions	9
References	10

List of Figures

List of Tables

Abbreviations

COTS Components of the shelf

G-SWFIT Generic Software Fault Injection Technique

ODC Orthogonal Defect Classification

1 Abstract

abstract

Keywords: faults, errors, failures, vulnerabilities, fault tolerance.

2 Introduction

introduction

3 State of the Art

Nowadays, people use lot's of services based in cloud and lot's of companies choose to use them too.

Because, using it, companies reduce the costs of IT infrastructure and people don't buy "physical storage" and don't care where are the data. The cloud service provide that the data is secure. But, like any system, the cloud have problems such as another computer systems, software and hardware faults. And the resilience of the cloud is an important characteristic.

The increased use of cloud is related with a low usage of many dedicated servers, and their migration

With this work, I want to inject software faults and analyse how the system react to them.

A lot of studies show that the software faults it's the main cause of computer failures.

In this work
deliberate how

[1] [2] [3]

Components of the shelf (COTS) Generic Software Fault Injection Technique (G-SWFIT) Orthogonal Defect Classification (ODC)

4 Research objectives and approach method

5 Current work and preliminary results

6 Work plan and implications

7 Management

7.1 Reunions

Reunions

7.2 Risks

Risks

7.3 Planning and Tracking

Planning and Tracking

8 Notes to future

Notes to future

9 Conclusions

Conclusions

References

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