

Human's Cloud

A community cloud served by a P2P overlay network on top of the web platform

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Abstract. Grid computing has been around from the 90's No one true way of easy sharing resources Voluntary computing only used for Research, not accessible for application developers MOAR

Keywords: Cloud Computing, Peer-to-peer, Voluntary Computing, Cycle Sharing, Decentralized Distributed Systems, Web Platform

1 Introduction

1.1 Lorem ipsum

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2 Architecture

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3 Related Work

The purpose of this section is to show the state of the art of the research topic, namely: Volunteer Computing, Cloud Computing, P2P Networks and the Web Platform

3.1 Volunteer Computing

Cycle Sharing

Storage Sharing

3.2 Cloud Computing

3.3 P2P Networks

Unstructured

Structured

Assurance and Trust

3.4 Web platform

What has been happening

Previous attempts

4 Architecture

4.1 Node Level

4.2 Client API

4.3 Storage

4.4 Reputation Mechanism

4.5 Job Scheduling

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5 Evaluation

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6 Conclusions

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