Experimental Cloud using Commodity Hardware

Kaushal Kishore, Sandeep Chandran

IIT PALAKKAD

Indian Institute of Technology, Palakkad – IITPKD

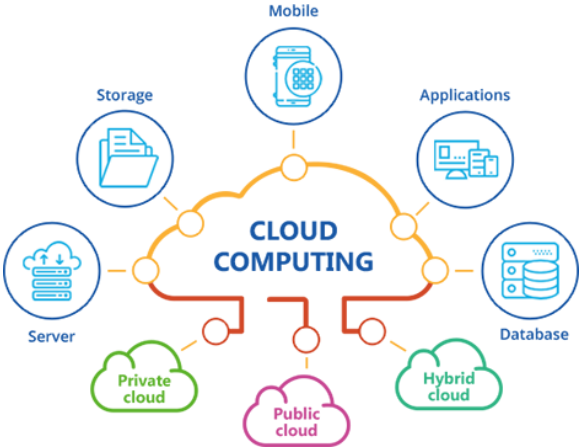
September 27, 2019

Content

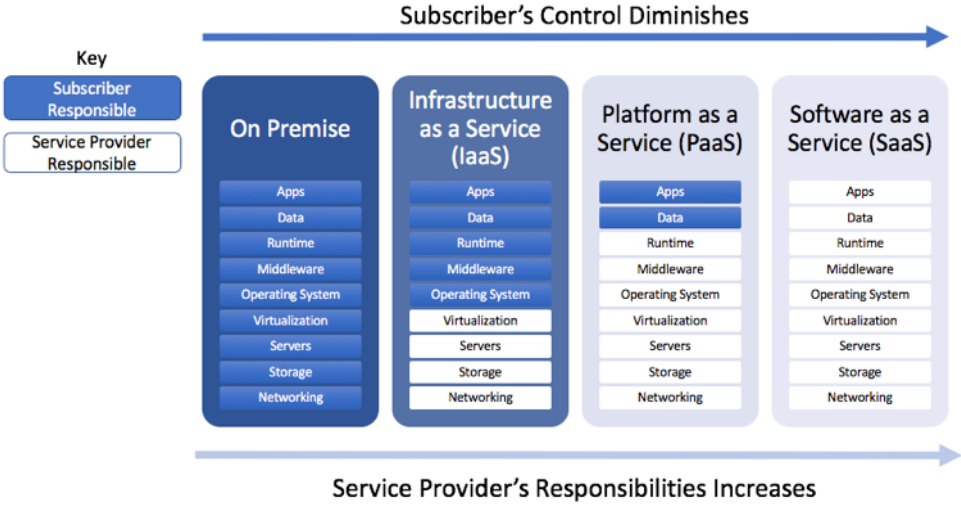
Content

Cloud

Essentially, it is a term used to describe a global network of servers, which are hooked together and meant to operate as a single ecosystem.



Cloud Services



Pros & Cons

Pros

- Reduced hardware equipment for end-users
- Improved performance
- Lower H/W and S/W maintainence
- Instant software updates
- Improved disaster recovery
- Less expensive
- Accessibility

Cons

- Requires good internet connection & bandwidth
- Limited control on infrastructure

Problem Statement

Experimental Cloud using Commodity Hardware

The objective of this project is to create an experimental cloud by repurposing commodity hardware. The cloud we create would be made available to students as virtual desktops which may be used to host web services which can vary from simple static page to complex web applications.

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Justificativa: blocos

Block 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer lectus nisl, ultricies in feugiat rutrum, porttitor sit amet augue. Aliquam ut tortor mauris. Sed volutpat ante purus, quis accumsan dolor.

Block 2

Pellentesque sed tellus purus. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Vestibulum quis magna at risus dictum tempor eu vitae velit.

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Objetivos

Objetivo Geral

O objetivo geral é fazer um algoritmo para calcular expressão gênica a partir de uma parte da sequência de RNA

Objetivos Específicos

- Objetivo específico 1
- Objetivo específico 2
- Objetivo específico 3
- Objetivo específico 4

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Fundamentação Teórica

- Nós utilizamos essa abordagem
- Assim assim
- Assado

Fundamentação Teórica

Nesta **abordagem** nós fizemos bla bla bla

- Exemplo de item
- Exemplo de item

Theorem (Mass–energy equivalence)

$E = mc^2$

Content

Metodologia

Passos da metodologia

1. Statement
2. Explanation
3. Example

Explicando alguma coisa ... lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer lectus nisl, ultricies in feugiat rutrum, porttitor sit amet augue. Aliquam ut tortor mauris. Sed volutpat ante purus, quis accumsan dolor.

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Conclusão

- more work
- more responsibility
- more satisfaction

Agradecimentos

Agradeço a fulano, ciclano e beltrano que apoiaram o desenvolvimento dessa pesquisa.

Referências I

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