



Apache CloudStack™ Collab conference of 2019 on April 26th in Florianopolis, Brazil.

## CloudStack in a few minutes

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# About me

- Gabriel Beims Bräscher
- Bachelor & Master of Science in Computer Science (UFSC)
- Open source enthusiast
- 2013 - First time using CloudStack (CloudStack 4.1.0)
- 2017 - Apache CloudStack Committer
- 2019 - Release Manager for the Apache CloudStack 4.12.0.0 version



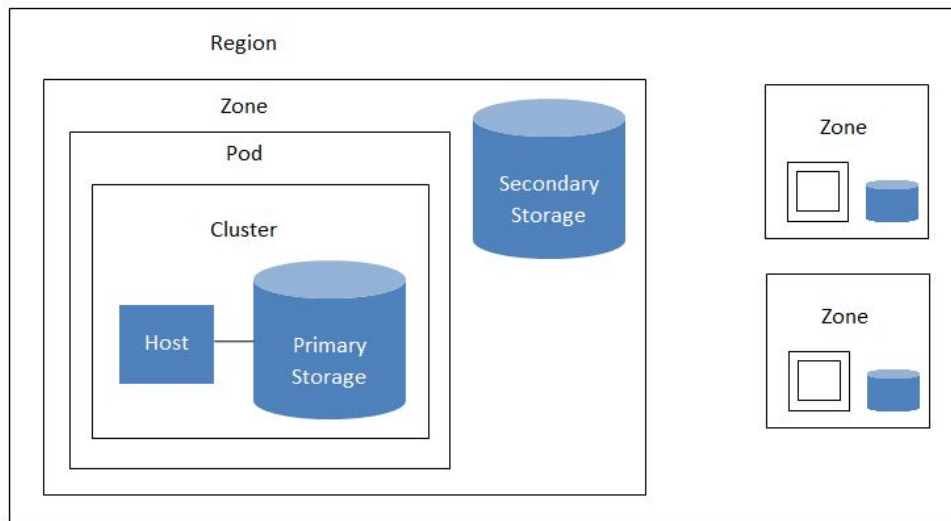
# Summary

- Introduction
- Hands on
- Conclusion



# Introduction

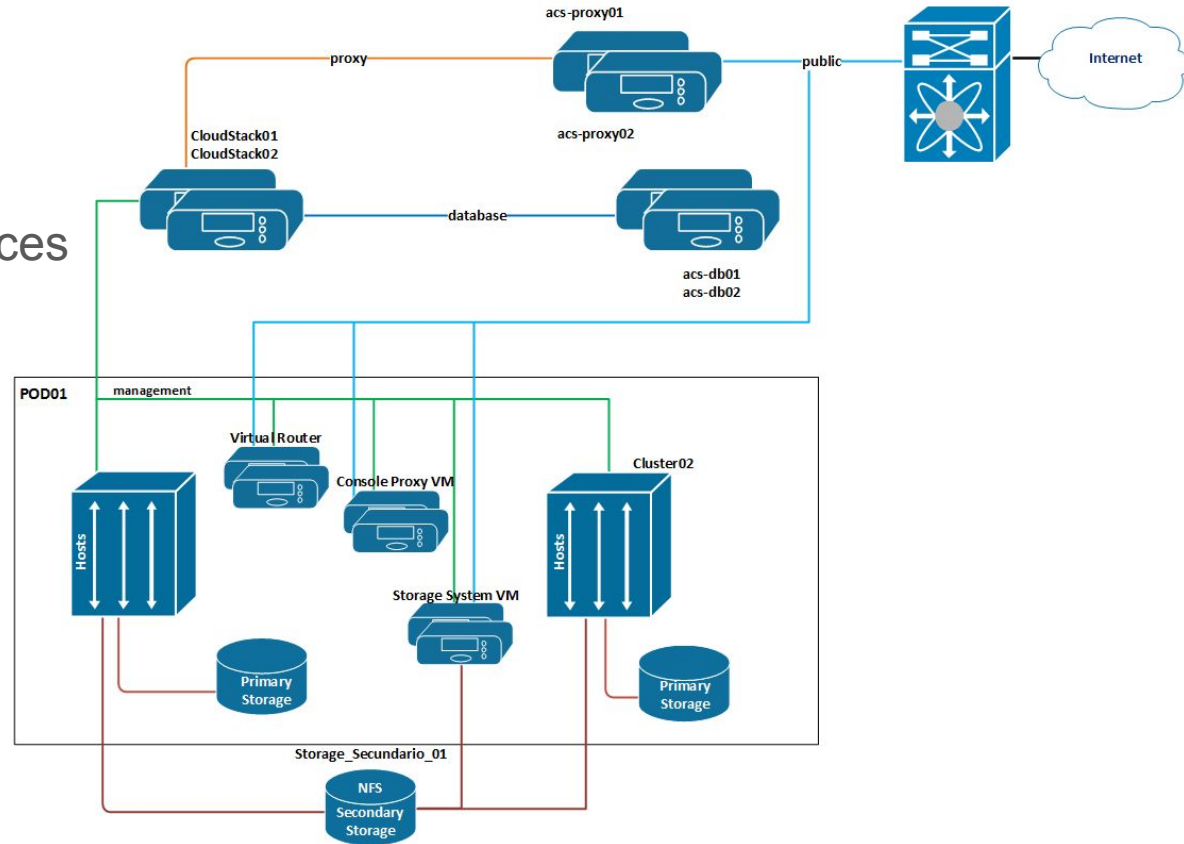
- CloudStack Terminology



A region with multiple zones

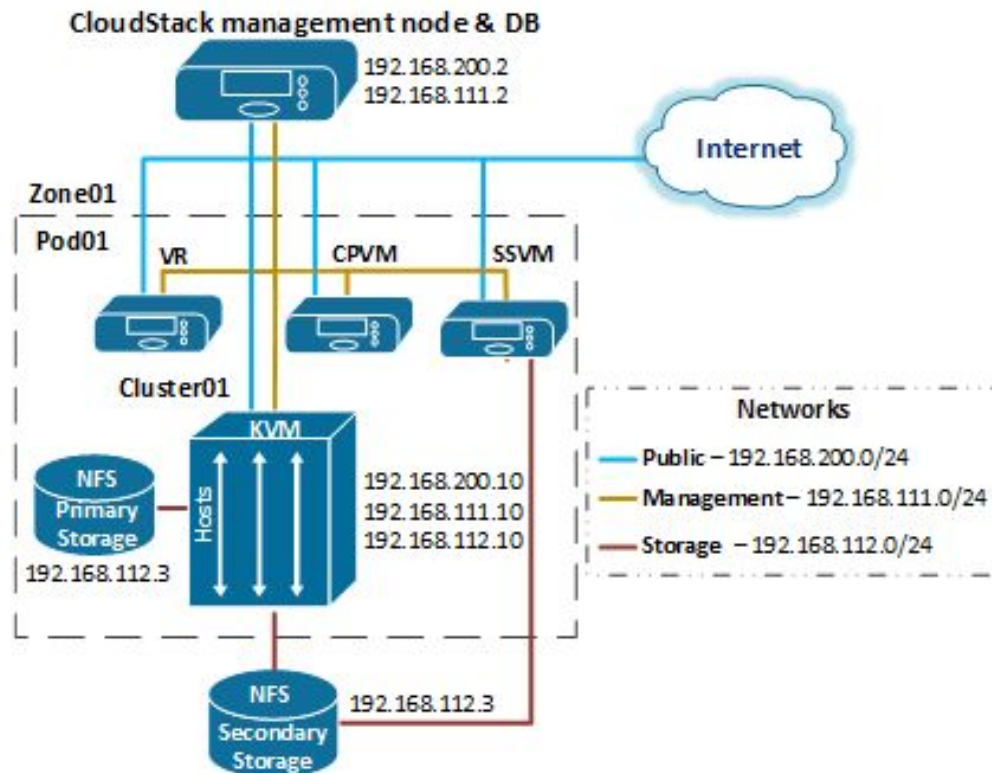
# Introduction

- CloudStack connects and orchestrates multiple devices
  - Network
  - Storages
  - Hosts
  - System VMs
  - CloudStack management
  - CloudStack database



# Hands On

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# Hands On

1. Primary Storage (NFS)
2. Secondary Storage (NFS)
3. Hypervisor (KVM)
4. CloudStack management server database (MySQL)
5. CloudStack management node
6. Plug them all

# Conclusion

- Evaluate all options
  - Budget
  - Team skills
  - Redundancy levels (management, DB, proxy, storage, HA)
  - Business requirements (Disk IOPS, network bandwidth, CPU, memory)
- Have a deep knowledge on each CloudStack component





**cloud  
STACK**

COLLABORATION  
CONFERENCE

**BRAZIL**

**Thank you!**

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