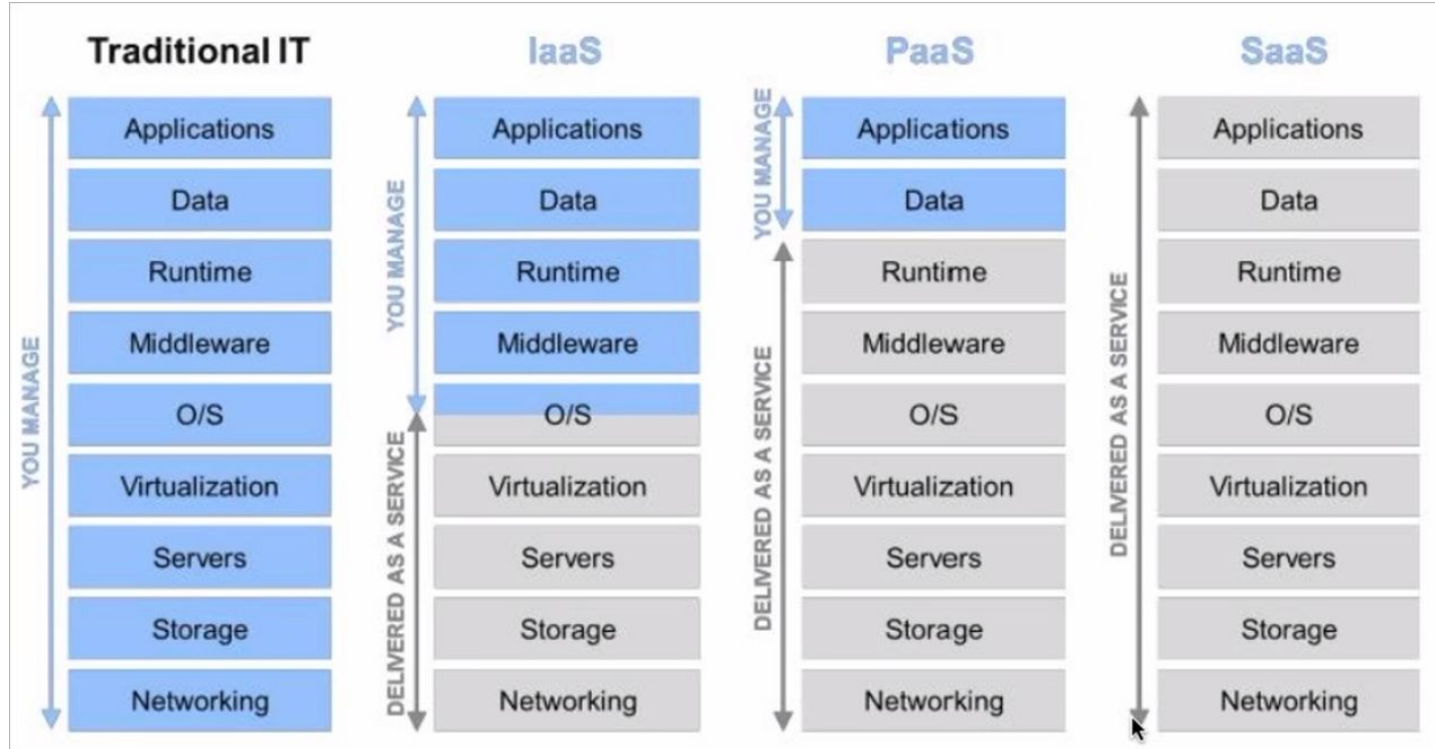


Cloud - Características

- On-demand self-service
- Broad network access
- Resource pooling
- Rapid elasticity
- Measured service



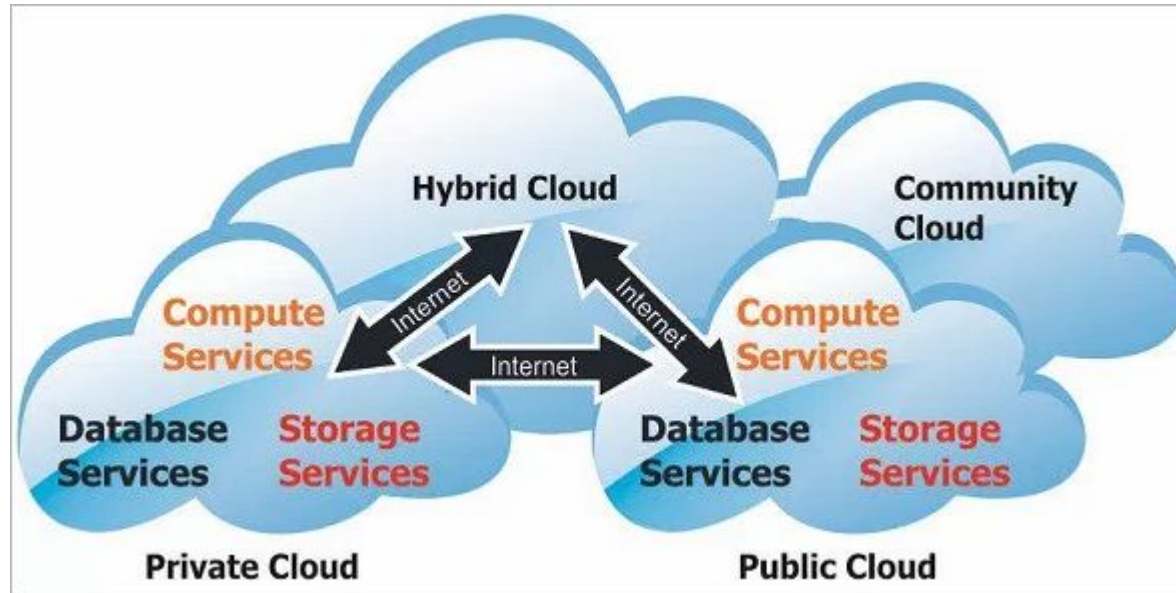
Cloud Service Models - IaaS, PaaS, SaaS



Cloud Service Models e Churrasco




Cloud Deploy Models



IaaS - Private - OpenStack



IaaS - Private - OpenStack

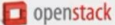


openstack
DASHBOARD

Log in

User Name

Password








 4hathacker admin

Project ^
Compute ^

Overview
Instances
Volumes
Images
Access & Security
Network
Object Store
Identity

Overview

Limit Summary

 Instances Used 0 of 10	 VCPUs Used 0 of 20	 RAM Used 0 of 51,200	 Floating IPs Used 0 of 50	 Security Groups Used 1 of 10	 Volumes Used 0 of 10
 Volume Storage Used 0 of 1,000					

Usage Summary

Select a period of time to query its usage:

From: To: The date should be in YYYY-mm-dd format.

IaaS - Public - DigitalOcean



IaaS - Public - DigitalOcean



Welcome Back!

Email Address



Password

LOG IN

[Forgot password?](#)

Don't have an account? [Sign Up](#)



Create Droplet

Droplets

Images

SSH Keys

Billing

Support

DNS

Apps & API

Settings

Logout

Thanks! create your first droplet now.



Confirm Email

If you didn't receive your confirmation email, please check your spam folder.

✓ Completed!



Update Billing

You will need to update your billing profile before you launch your first droplet.

✓ Completed!



Create Droplet

Select your droplet size, location, distribution, and launch in 55 seconds!

Create Droplet



PaaS - Private - OpenShift



PaaS - Private - OpenShift

OPENSIFT ORIGIN

Documentation admin

Projects

Test

Filter by labels

Label key

Add

Add to Project

Overview

Browse

Builds

Deployments

Events

Image Streams

Pods

Routes

Services

Pods

Name	Status	Containers Ready	Container Restarts	Age
multi-pod	Running	2/2	6	31 minutes
wordpress	Pending	0/1	0	18 hours
hello-openshift	Running	1/1	9	18 hours
frontend-gbym8	Running	1/1	25	2 days
database-ibd6m	Running	0/1	20	2 days

PaaS - Public - Heroku



PaaS - Public - Heroku

The screenshot shows the Heroku dashboard for an application named "test-wm-01". The interface is clean and modern, with a purple and white color scheme. At the top, there's a navigation bar with the Heroku logo, a search bar, and a user profile icon. Below this, a breadcrumb trail shows "Personal" and "test-wm-01". A star icon and buttons for "Open app" and "More" are also present. A horizontal menu lists various app management options: Overview, Resources, Deploy, Metrics, Activity, Access, and Settings. The main content area is divided into three sections. The first section, "Installed add-ons", shows a message that there are no add-ons for this app, with a "Configure Add-ons" link. The second section, "Dyno formation", shows a message that the app has no process types yet, with a "Configure Dynos" link. The third section, "Collaborator activity", shows a message that there is no recent activity on this app, with a "Manage Access" link. On the right side, a "Latest activity" section displays two recent events: "walison.moreira@gmail.com: Enable Logplex" and "walison.moreira@gmail.com: Initial release", both occurring today at 4:54 PM. The footer contains links to heroku.com, Blogs, Careers, Documentation, and a prominent "Support" button, along with legal links for Terms of Service, Privacy, Cookies, and a copyright notice for 2018 Salesforce.com.

HEROKU

Jump to Favorites, Apps, Pipelines, Spaces...

Personal > test-wm-01

Open app More

Overview Resources Deploy Metrics Activity Access Settings

Installed add-ons \$0.00/month Configure Add-ons

There are no add-ons for this app
You can add add-ons to this app and they will show here. [Learn more](#)

Dyno formation \$0.00/month Configure Dynos

This app has no process types yet
Add a Profile to your app in order to define its process types. [Learn more](#)

Collaborator activity Manage Access

There is no recent activity on this app
Collaborator activity will be shown when there are recent deploys

Latest activity All Activity

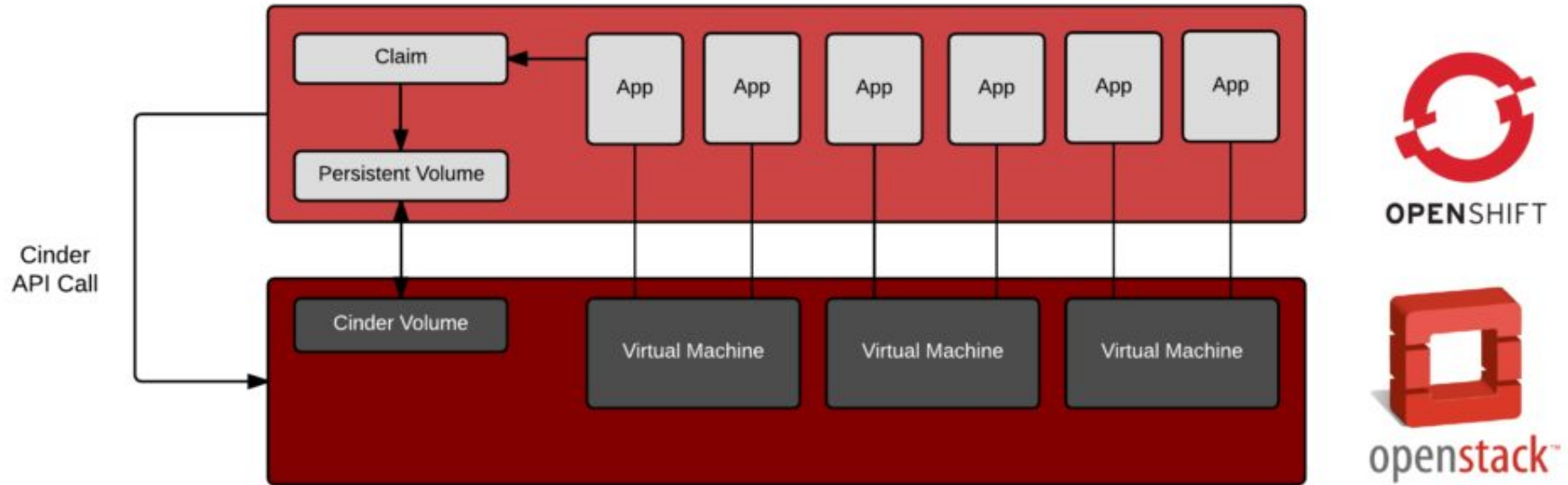
walison.moreira@gmail.com: Enable Logplex
Today at 4:54 PM - v2

walison.moreira@gmail.com: Initial release
Today at 4:54 PM - v1

heroku.com Blogs Careers Documentation Support

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IaaS e PaaS - Private



IaaS e PaaS - Public



Google App Engine



Google BigQuery



Google Cloud
Audit



Google Cloud
Functions



Google Cloud IAM



Google Cloud SQL



Google Cloud
Storage



Google Cloud VPC



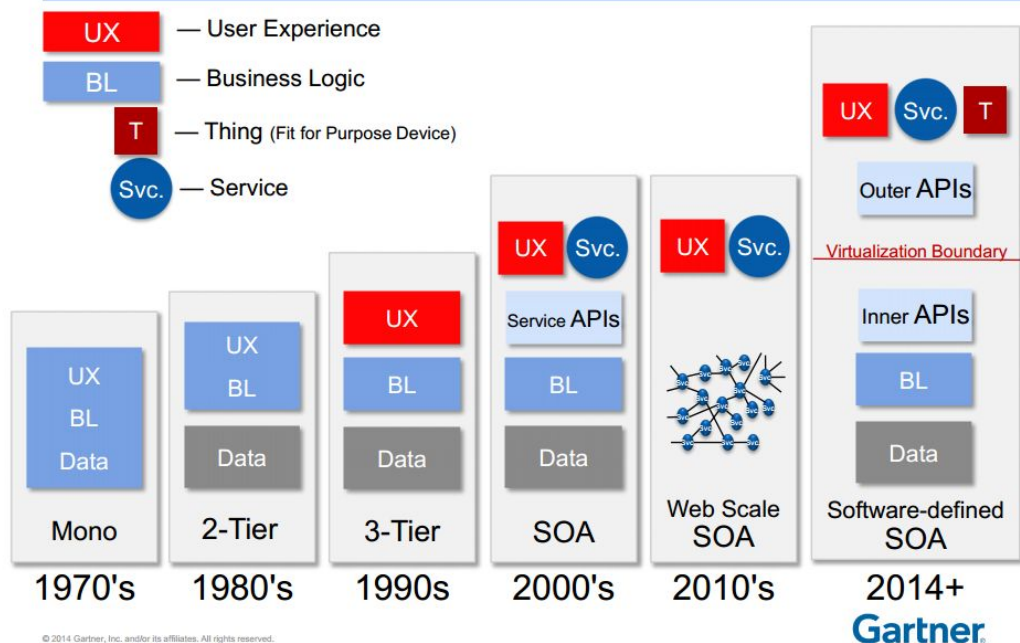
Google Compute
Engine

kubernetes

Google Kubernetes
Engine

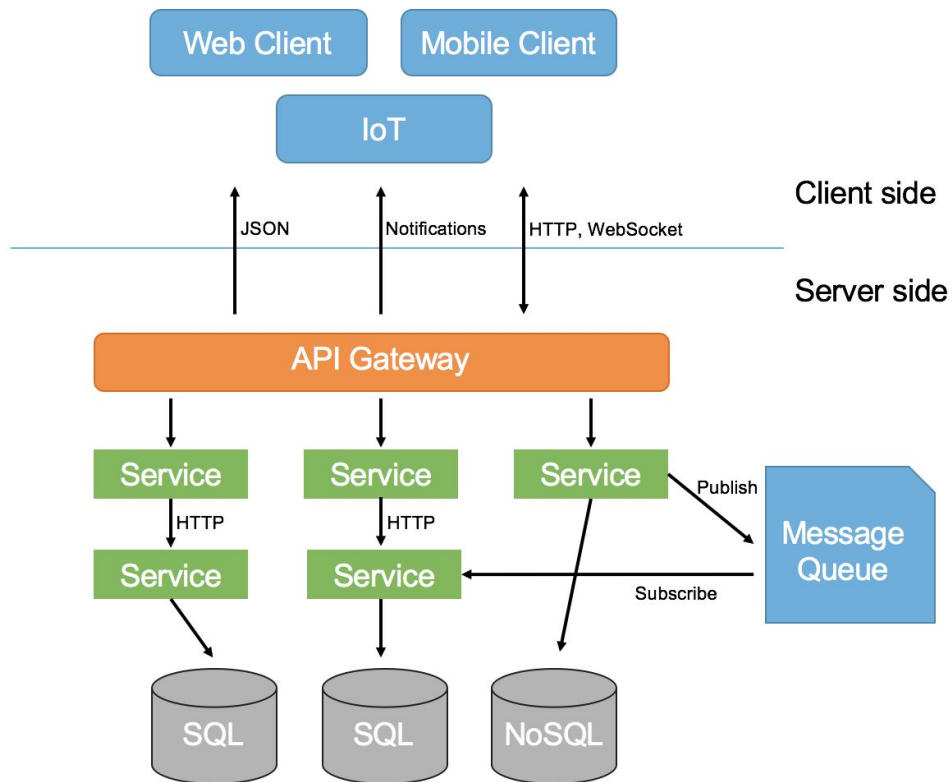
Arquitetura para Cloud

Software-defined Applications on the Application Architecture Road Map



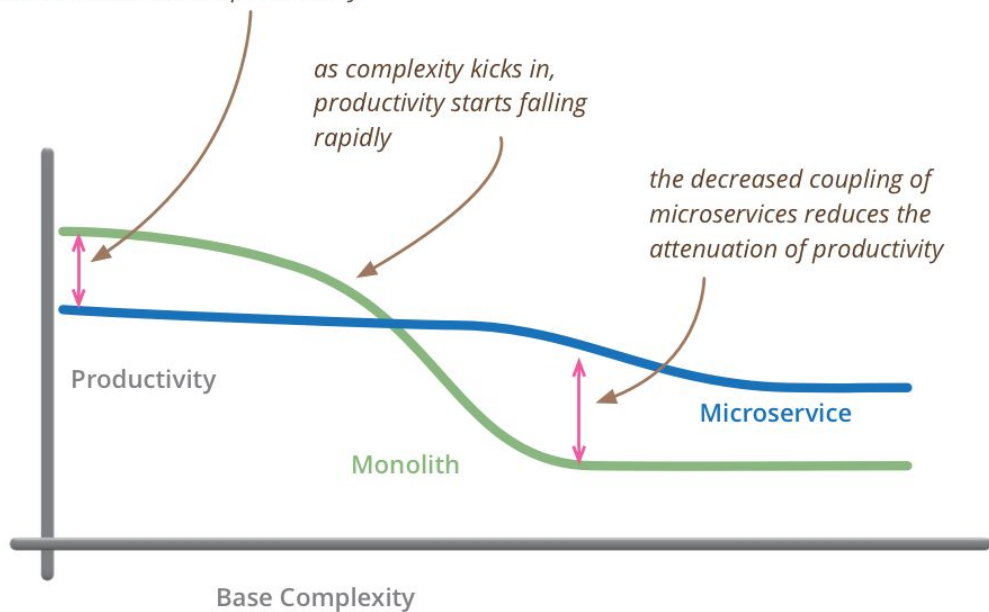
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Arquitetura para Cloud



Micro serviço é mais produtivo

for less-complex systems, the extra baggage required to manage microservices reduces productivity



but remember the skill of the team will outweigh any monolith/microservice choice

Demonstração com Heroku



Exercício de Nuvem

Construa e publique uma aplicação em alguma nuvem pública.