

Cloud-DI

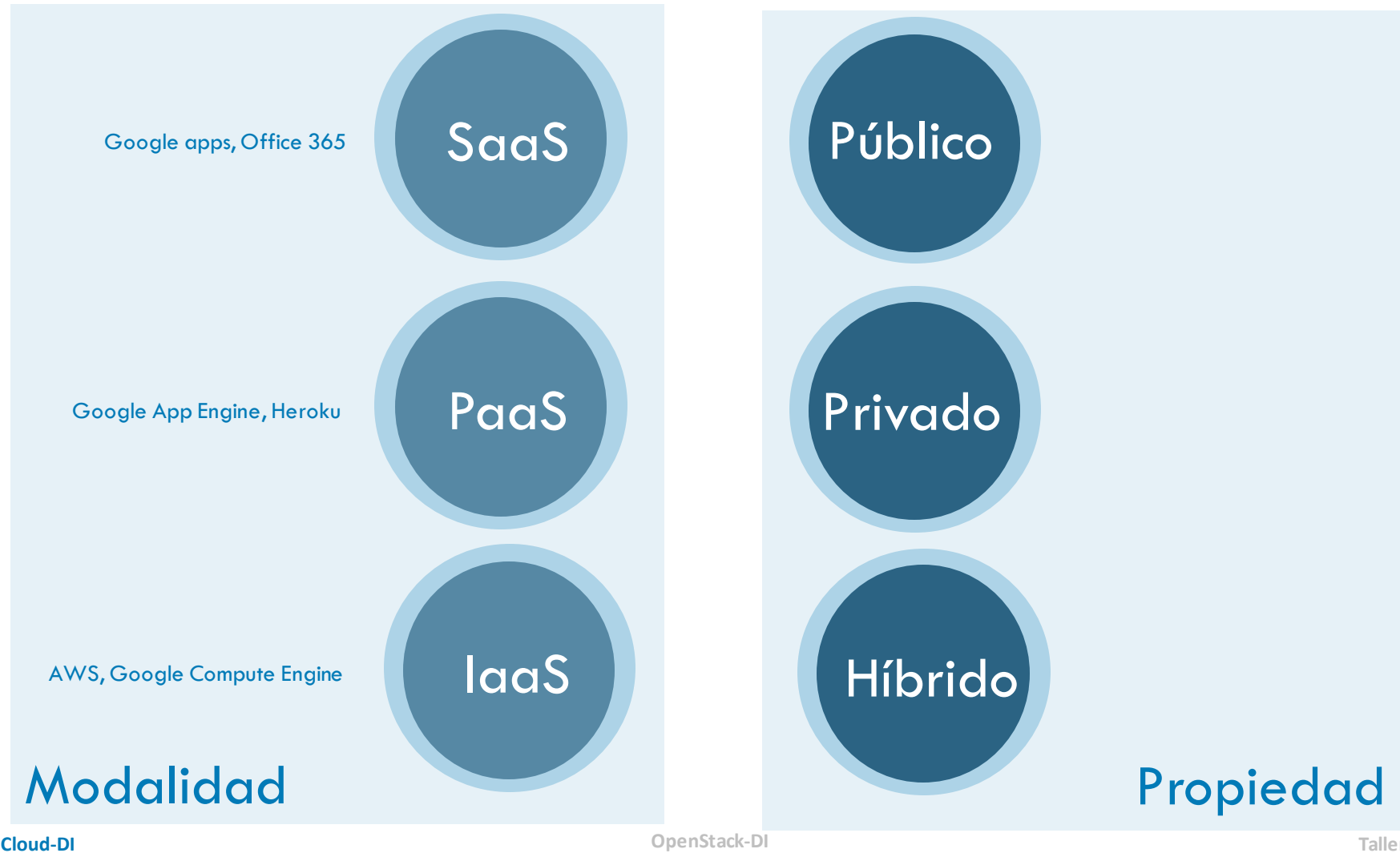
Plataforma cloud para Docencia e Investigación
del Departamento de Informática
Universidad de Almería



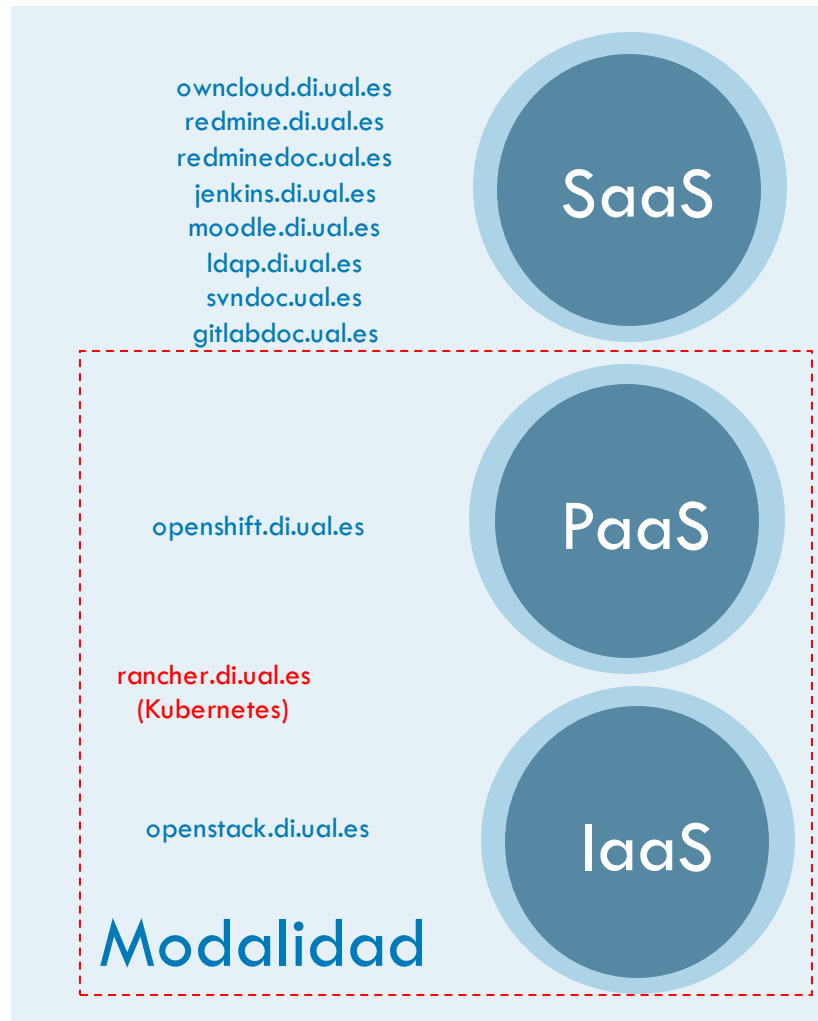
01 Cloud-DI



Clasificación Cloud Computing



Cloud-DI



Plataforma cloud on-premise para
Docencia e Investigación del
Departamento de Informática de la
UAL

Tecnología Cloud-DI

Servicios de Cloud-DI

GitLab, SVN, Redmine, Moodle, Jenkins, ...

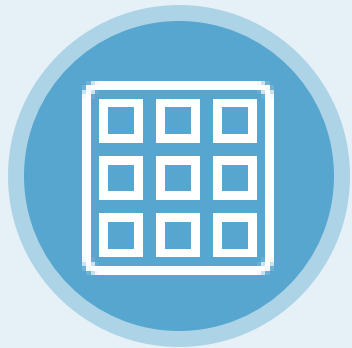


Software para la creación de nubes privadas

0 € Licencias
Open Source



Infraestructura Cloud-DI



Servidores de cómputo: 12 + 4
RAM disponible: 2.304 + 768 GB
Núcleos: 384 + 64
Espacio disponible para instancias: 32,4 + 10.7 TB
Almacenamiento disponible para volúmenes: 21,7 TB

Producción

Cloud-DI



Servidores de cómputo: 3
RAM disponible: 94,2 GB
Núcleos: 48
Espacio disponible para instancias: 1.9 TB
Almacenamiento disponible para volúmenes: 10,8 TB
Almacenamiento de objetos
Almacenamiento de archivos compartido

Testing

OpenStack-DI

Taller



02

OpenStack-DI

Qué es OpenStack

Open source software for creating private and public clouds.



OpenStack software controls large pools of compute, storage, and networking resources throughout a datacenter, managed through a [dashboard](#) or via the [OpenStack API](#). OpenStack works with [popular enterprise and open source technologies](#) making it ideal for heterogeneous infrastructure.

[Hundreds of the world's largest brands](#) rely on OpenStack to run their businesses every day, reducing costs and helping them move faster. OpenStack has a strong [ecosystem](#), and users seeking commercial support can choose from different OpenStack-powered products and services in the [Marketplace](#).

openstack.org

Quién está detrás de OpenStack



Clouds soportados por OpenStack



IBM Cloud is an OpenStack-powered private cloud. Fully managed, single-tenant IaaS available in IBM Cloud data centers or on-premises in yours. Achieve the security, control, and performance of private cloud with the ease of public cloud.



Rackspace delivers OpenStack private clouds as-a-service, architected like a public cloud and designed for scale and service availability to any data center in the world.



BootStack, the fully managed cloud service from Canonical is the fastest path to a production private OpenStack cloud. Focus on your business while Canonical takes care of building and running your OpenStack cloud.



Oracle OpenStack is cloud management software that provides customers an enterprise-grade solution to deploy and manage their entire IT environment.



Open Cloud Stack is the private cloud solution based on Telefonica Open Cloud. This allows our customers to create a truly Hybrid Cloud with a the same user interfaces and APIs.



Discover digital opportunities by using **Cloudwatt** resources & OpenStack APIs to build your app and platform. Scale up & down resources to maximize performance.

03 Taller

Taller



Creación de instancias

Configuración de cuenta
Creación de instancias
Conexión a instancias



Uso de volúmenes

Creación de volúmenes
Gestión de volúmenes
Transferencia de volúmenes

25 AÑOS
1993 | 2018



UNIVERSIDAD
DE ALMERÍA