



CLOUDIFICATION'S

C12N.CLOUD

OPEN SOURCE
PRIVATE & EDGE
CLOUD PLATFORM

 openstack.

POWERED

cloudification.io/c12n-private-cloud

sales@cloudification.io

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INTRODUCTION

Cloudification's c12n.cloud delivers private cloud experience where you need it with zero license fees. Based on the leading open source projects such as **OpenStack**, **Kubernetes** and **Ceph**, it provides IaaS and PaaS capabilities for a wide range of industries such as Research, Healthcare, Financial, Telco, e-commerce and more. It is a fully automated, highly configurable Open Source cloud solution built upon modern industry practices (GitOps) by a team with 10+ years of cloud operations experience.

Broadcom's VMware

As many businesses have migrated to public cloud over the past 20 years, there have always been use-cases where public clouds could not satisfy legal, security or other requirements or were simply too expensive. This has led to an increased adoption of VMware as the standard virtualization solution for own data centers.

With the recent Broadcom's VMware acquisition, many companies suddenly faced 250-500% higher license fees and realized that going all-in on VMware was a vendor lock they've imposed on themselves. VMware customers started migrating and exploring alternatives to their previously trusted partner.

OPEN SOURCE

At Cloudification we have always been committed to the Open Source software and have a solid track of contributions to **OpenStack**, **Kubernetes**, **Terraform** and other well-known projects. We believe that even most demanding workloads today including HPC, AI & ML, Telco can be handled with free and open source technology stacks such as c12n.cloud

C12N.CLOUD

Is built upon six major 100% open source components:

- **OpenStack** - the most widely deployed open source cloud software.
- **Kubernetes** (K8s) - the most used (97% market share) container orchestration software.
- **Ceph** - the most used (50% deployments) software defined storage with OpenStack.
- **ArgoCD** - is Kubernetes native GitOps tool for declarative configuration and IaC.
- **Prometheus** - advanced monitoring system with time-series database.
- **MaaS** (Metal as a Service) - full bare metal life cycle management platform.



Highlights & Facts

<ul style="list-style-type: none">• Managed or Air-Gapped	<ul style="list-style-type: none">• Kubernetes & Cloud-Native
<ul style="list-style-type: none">• Converged or Hyper Converged (HCI)	<ul style="list-style-type: none">• Full GitOps automation
<ul style="list-style-type: none">• Highly scaleable (6 to 100s of nodes)	<ul style="list-style-type: none">• Alerting & in-depth Monitoring
<ul style="list-style-type: none">• Integrated Inventory Management	<ul style="list-style-type: none">• GPU Support

80%

About 80% of VMware portfolio can be replaced*

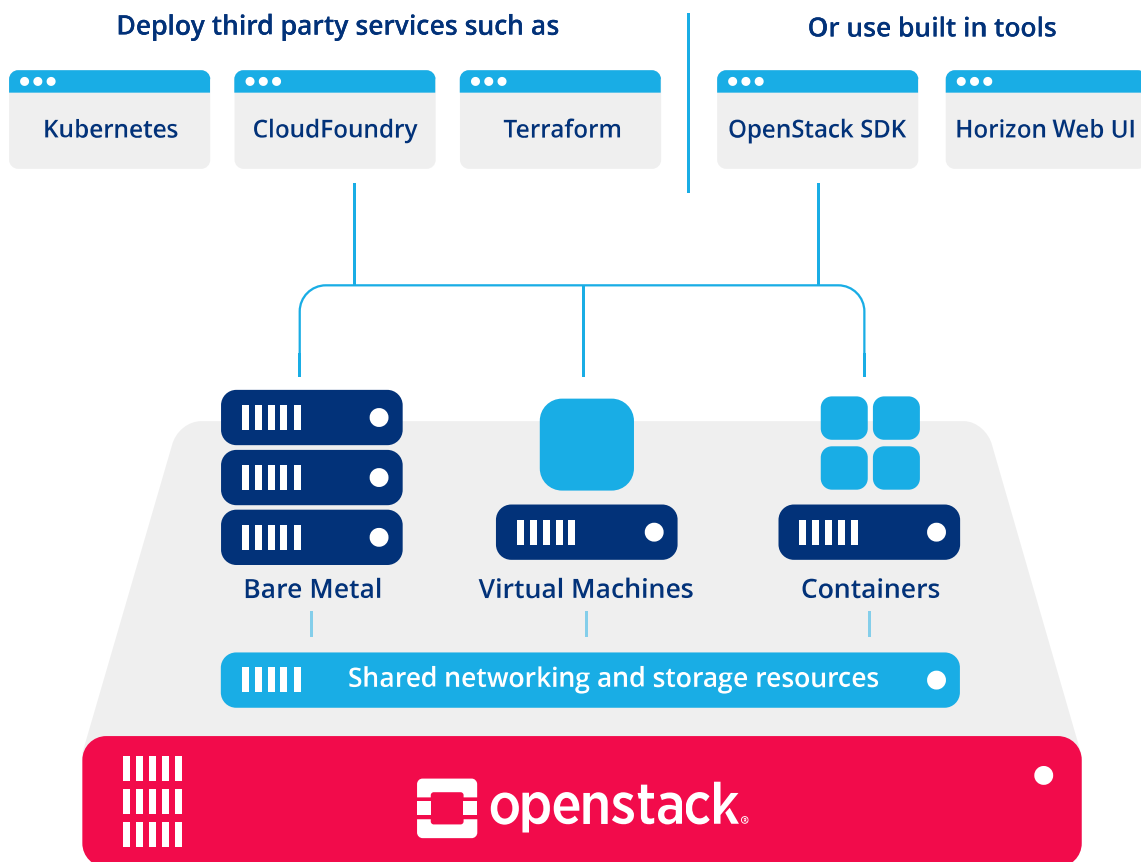
0€

No license fees, optional support packages

35K€

Cloud deployment from 35.000 EUR

OpenStack at a Glance



*Requires integration of additional software. Contact us for more details.

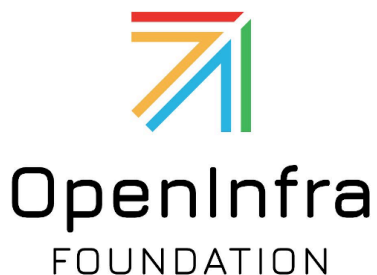
OpenStack controls large pools of compute, storage, and networking resources, all managed through APIs, CLI or a Dashboard. It allows to operate Bare Metal servers, Virtual Machines and Containers sharing the same physical storage and network in a secure manner.

OpenStack enables strong network isolation and simplifies tenant management. With over 50 drivers integrated into OpenStack it is possible to utilize the hardware from any major vendor including Cisco, Arista, Juniper, Brocade, Mellanox, Fujitsu, IBM, NetApp, Pure, Huawei, Dell, HP and more. Meaning that you can re-purpose or re-use existing equipment with OpenStack without the need to plan new CapEx.

"OpenStack global footprint exceeds 45.000.000 compute cores" - OpenInfra Foundation

WHY CLOUDIFICATION?

As a member and active contributor of three major open source foundations we know best how to design and operate OpenStack and Kubernetes environments for various use-cases and how to migrate VMware customers towards vendor-neutral, license-free software.



Request a Demo

Interested to see **c12.cloud** in action? Drop us a message to sales@cloudification.io
