VirtBox Private Cloud as a Service

The right choice for small and midsize business

You already run the cloud, but it does not bring the expected result? Lay the right path to the cloud - is a tricky business, especially if your team does not have all the necessary skills in cloud management.
You have many questions, and the answers can not be found easily:

- Which cloud model will help you to achieve the best results with predictable costs?
- What expertise do you need to run and maintain your cloud?
- How do you need to change the infrastructure to adopt new technologies?

Private or Public?

If you have decided to move to the cloud, then more likely you are facing a dilemma - to build the private cloud or use the public one. Each of two main types of cloud services offers its unique advantages, but they also have their own drawbacks.

Public Cloud	Private Cloud
Pros: • Quickly start and fast scaling • Fully managed • Pay-per-use	**Pros:** • Strong security and control • Uninterrupted performance • Easy customizations
Cons: • Expensive at scale • More security concerns • Loss of local control	**Cons:** • High infrastructure investments • Requires a team of IT experts • Slow scaling and implementation

VirtBox Solution

Modern IT market dictates its own rules, and to be on a roll, you need a new solution that will give more agility to meet rapidly changing business needs. VirtBox offers a platform that bridges the gap between private and public cloud and provides a comprehensive solution via Private Cloud as a Service Solution (PCaaS). It integrates the strengths of both worlds, providing a safe and controlled cloud that is easy to manage.

Quick start
Deploy a production-ready private cloud in hours, not months

Easy to use
A standard set of interfaces simplifies the user experience and eliminates need in IT staff

Managed Services
A complete lifecycle of consulting, strategy, design and implementation services

Predictable costs
Predictable budgeting and forecast expenditure is simplified

Strong security
Security of a single-tenant deployment with the physical isolation of key components

Environment control
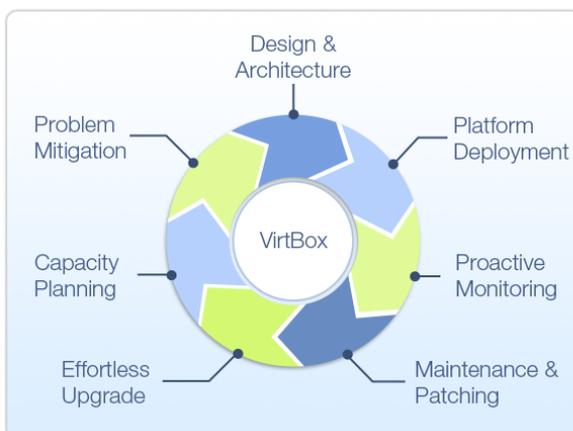It is easier to organize the management and proactive control

Fast scaling
Companies can quickly add resources to a cloud infrastructure

Eliminating CapEx
Eliminates the capital and maintenance costs and shifts them to OpEx

Design & Architecture
Platform Deployment
Problem Mitigation
VirtBox
Proactive Monitoring
Capacity Planning
Maintenance & Patching
Effortless Upgrade

→ Complete managed private cloud solution

→ Ready for production workloads and application deployment

→ Designed to scale to hundreds of nodes

■ VirtBox vs DIY OpenStack

VirtBox platform is built on top of OpenStack ecosystem and powered by open technologies. However, open-source software does not equate to a free cloud. That's why companies require a full-time IT experts engaged in the cloud management. Because it's hard to find experienced personnel, companies often struggle to deploy OpenStack on time and budget.

With that in mind, a key consideration when evaluating OpenStack DIY vs VirtBox should be the cost of employing staff dedicated to setup, maintaining and operating the private cloud.
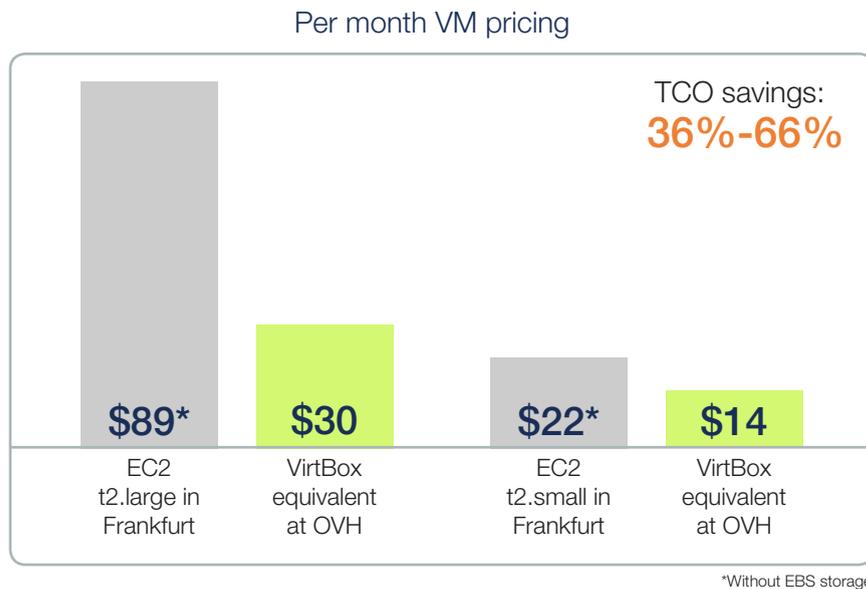
Below is a table, identifing your potential return on investment by comparing the costs:

VirtBox Managed Cloud	Self-built OpenStack Cloud
VirtBox builds, manages and operates your enterprise-class cloud: Control plane: 3 servers (dual-socket) Compute nodes: 3 servers (dual-socket) Storage nodes: 3 servers	Your in-house staff costs to build and operate your cloud: Staff required: 1 "unicorn" Average annual salary: $100 k* *According to Indeed.com for the USA
$1485 /month	**$8 333** /month

■ VirtBox vs Public Cloud

How does VirtBox compare to public cloud providers? Below is a chart comparing the cost to deploy 100 VMs in VirtBox standard cluster hosted in OVH datacenter against Amazon AWS. Note that in both cases VirtBox shows a lower TCO.

Per month VM pricing

TCO savings:
36%-66%

$89*	$30	$22*	$14
EC2 t2.large in Frankfurt	VirtBox equivalent at OVH	EC2 t2.small in Frankfurt	VirtBox equivalent at OVH

*Without EBS storage

■ VirtBox Offering

Redistribution of resources from traditional ownership to the model, which is owned by the supplier eliminates capital investments in hardware, software licenses, and further maintenance and support costs. It rebuilds the payment model to support a predictable pay-as-you-go consumption.

Low operation costs, high system utilization, consistent availability and built-it agility are the key factors to move your workload to the dedicated private cloud environment hosted by VirtBox

Free Trial
Perfect for starting

Try VirtBox Managed Cloud for free:
http://virtbox.com/en/get-started/

Standard
General workloads

- Shared Control Plane
- Basic Storage
- Basic Networking

Enterprise
Production workloads

- Dedicated Control Plane
- Highly Availiable Block Storage
- Object Storage
- Advanced Networking
- Docker Orchestration