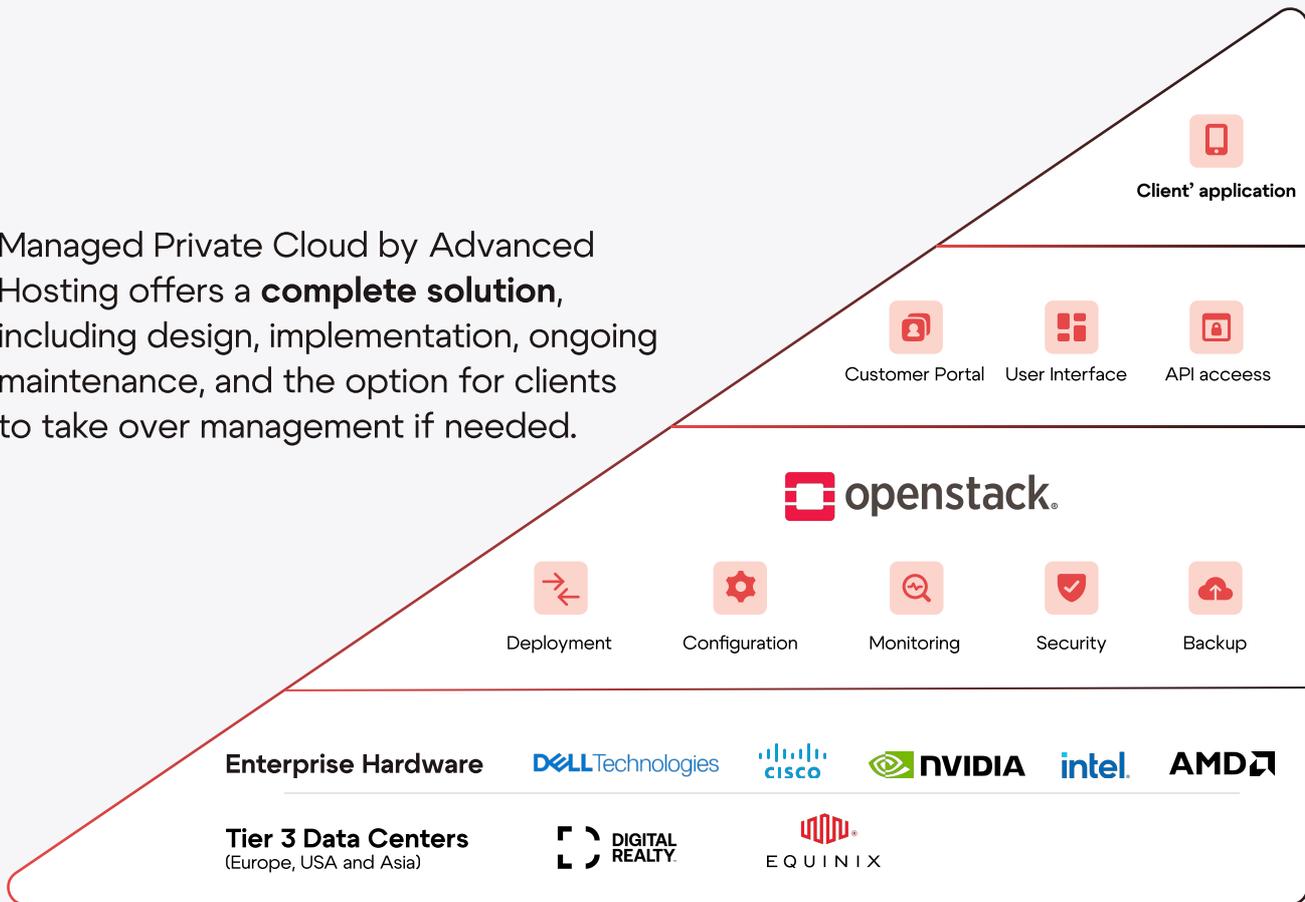


Managed Private Cloud

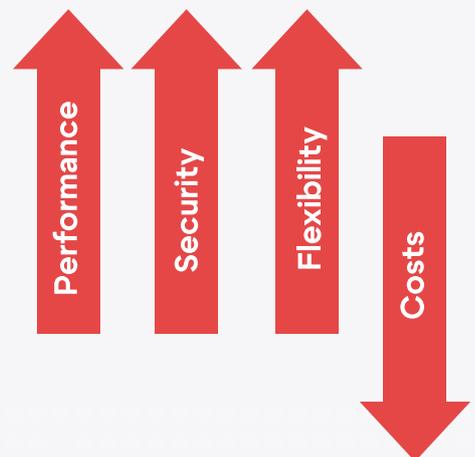
by Advanced Hosting

Managed Private Cloud by Advanced Hosting offers a **complete solution**, including design, implementation, ongoing maintenance, and the option for clients to take over management if needed.



Core benefits of Managed Private Cloud

- **Cost savings**
Owning your Private Cloud means total control of the amount resources you deploy. This abstracts hidden charges that escalate infrastructure costs.
- **Superior app performance**
With AH's Private Networks, you have no worries about "noisy neighbours" hogging computing resources and slowing down your machines.
- **Improved security and regulatory compliance**
Dedicated Infrastructure and advanced firewalls mean you can limit network access, and stop threat actors from compromising your security and compliance.



Managed Services for Seamless Operations

Design

We leverage OpenStack' capabilities to create a custom architecture tailored to your needs. Our design phase focuses on developing a scalable, secure, and high-performance infrastructure aligned with your business objectives.

Operate

Our primary focus is to ensure your cloud infrastructure operates seamlessly with high availability. We provide continuous system maintenance, including timely updates, critical security patches, and regular performance optimizations.

Support

We provide 24/7 technical support to keep your cloud running smoothly. Our team ensures high availability and efficiency through continuous monitoring, proactive issue resolution, and regular updates and security measures.

Why Managed Private Cloud?



Services Flexibility

Deploy full range of services that your business needs right now.



Personalization

Enjoy flexible configuration based on your specific business needs.



Independence

Avoid vendor lock-in with our solution built on open-source frameworks.



Management

Leverage our OpenStack experts to abstract complexities like capacity planning, infrastructure setup, on-demand scaling, OpenStack patches and upgrades, and hardware and software maintenance.



Deployment

Gradual deploy your infrastructure with necessary services through the OpenStack platform



Redundancy

Backup all mission-critical data with our automatic server backups and instant snapshots.

24/7

Uninterrupted Availability

Get SLA with uptime commitment.



Stack Access

Access your cloud through a programmatic API, a dashboard, or command-line tools.

Managed Private Cloud Features

We combine the following tools and features to provide high-performing, fault-tolerant, secure, and dynamically scaling clouds while abstracting the associated complexities from your team.

- OpenStack
- Kernel-based Virtual Machine (KVM)
- Enterprise level hardware
- Engineers with 15+ yrs of exp.



Why OpenStack?

- Developed by the best: Developed in 2010 in a joint project by **NASA and Rackspace Hosting**
- Comes highly recommended: **NASA infrastructure is built on OpenStack**
- Has outstanding offerings: OpenStack **provides the core features of a public cloud** (including storage, computing, networking, and VM images) **while enabling the isolation of the private cloud.**

State-of-the-Art Hardware

- We help you choose top-of-the-range hardware including Dell's PowerEdge, Supermicro's servers, etc.,
- We capacitate them with powerful processors such as AMD EPYC, and Intel Xeon processors.

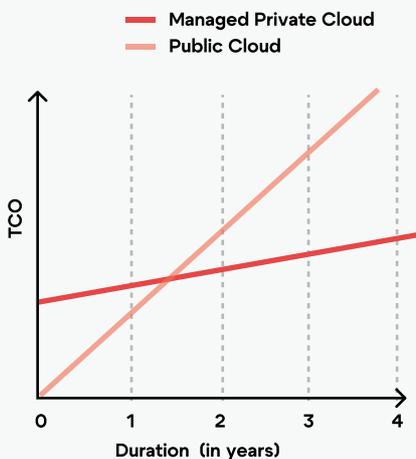
Expert Engineers

Our expert engineers do all the work including delivery, deployment, setting up, and running your cloud so that:

- You can save on costs associated with setting up designated teams.
- You can enjoy the expertise of our engineers who have built various of complicated projects.
- Your IT teams can focus on R&D and strategic tasks.

When Should You Consider Migrating to Managed Private Cloud?

You should migrate to Managed Private Cloud if:



Your **monthly cloud costs** have reached a tipping point where the total cost of owning **your private cloud** will be predictably **less than** subscribing to a **public cloud**.

User Case: How We Optimized Infrastructure Monthly Cost by 48%

Challenge

A client approached us with monthly expenses by 6-numbers bill seeking a solution to optimize Infrastructure costs.

Discovery

To meet the client's required services and capabilities, we determined the need to develop a Managed Private Cloud based on the OpenStack platform, integrated with third-party data services. This solution is designed to cover 90% of their current service pool from a Top1 Public Cloud Provider.

Solution

We create a roadmap with timeline featuring architecture design, pool of services, a step-by-step deployment plan, a seamless migration strategy, and a comprehensive budget strategy. This plan ensures an efficient transition to a customized Managed Private Cloud, enhancing performance and reducing costs.

Differentiator

Our unique offering combined OpenStack and managed data services at a competitive price, covering virtual machines, networks, load balancers, managed Kubernetes, and database services.

Outcome

Our solution significantly reduced their monthly costs (48%), aiming for substantial total cost savings over years, resulting in millions of dollars in long-term savings.

Clients trusted us



AMADEUS



ADSTERRA

kadam
ADVERTISING NETWORK

To get more detailed information visit our website

<https://advancedhosting.com/en/private-cloud/>

and fill out contact form or drop a line on sales@advanced.host