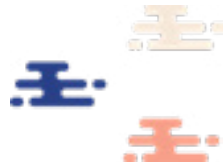# Fast,
# Flexible,
# Transparent
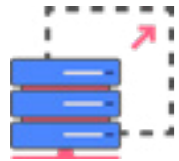# Cloud Solutions

**cloudrack**

# Cloud resources

Cloudrack cloud resources offer the ultimate multi-tenant experience. Unlike a standard physical server or fixed-spec VPS, a flexible resource pool allows you to carve up a slice of cloud resources into as many VMs as you like.

## Deploy in moments

From the Cloudrack self-serve platform, customers can effortlessly configure and deploy their own Virtual Machines, with ultimate flexibility and visibility over what resources they're using. For ultimate simplicity, choose from a range of pre-configured templates including Linux, BSD and Windows.

## Flexible scaling

Instantly scale your resources up or down, on-demand without costing you anything. You'll only ever pay for what you need and there are zero hidden costs - your resources are yours to use and configure how you like. Plus, Cloudrack templates or deployable backups of your own setups mean you can scale up in just a few clicks.

## Incredible performance

Superfast network speeds are guaranteed. Unlike other cloud providers, Cloudrack only uses 5 x 9s hardware, including HP GEN9 Blade servers, 100% SSD storage and the latest Intel V4 processors. Plus, enjoy internal traffic speeds of up to 10 Gbps.

## Comprehensive redundancy

Our clouds are built from the ground up to be full redundant, including dual uplinks and power feeds, as well as off-cloud backup storage arrays. Configure automatic daily, weekly or monthly snapshot backups.

## Secure

Every server includes a comprehensive and powerful platform-based firewall and we work with industry-leading security software to safeguard all systems.

Start designing your cloud resources today

cloudrack.com | sales@cloudrack.com

# Offering you the ultimate experience up in the cloud

# Hybrid cloud servers

Take advantage of easily scalable, highly resilient cloud infrastructure, coupled with security and absolute control of dedicated physical hardware.
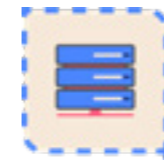
### Hybrid scalability
Utilise public cloud solutions for dynamic loads, such as front-end servers for web or applications. Deploy dedicated enterprise grade equipment for intensive workloads or for projects requiring physical isolation of hardware.

### Enhanced security
Enjoy the enhanced security offered by single tenant servers with physically isolated computing, storage and networking layers. Each and every Hybrid server from Cloudrack comes with firewalling as standard.

### Extras as standard
Benefit from various cloud management and monitoring tools as standard, including centralised snapshots, backups, monitoring and template support, as well as NAS storage access and more.

### Only the best hardware
We run only the latest generation HP BL460C Blade servers, with datacentre-grade SSD storage and the latest Intel XEON E5 processors. No budget hardware. No white-box solutions.

### World class support
Comprehensive, 24/7/365 support and management of your hybrid servers as standard. Our expert teams take care of all patching, management and operation of your dedicated hardware.

### Your cloud, your way
Run Xen, KVM or VMware on your dedicated Hypervisor – easily move existing private cloud resources to a hybrid solution in minutes.

Find your Hybrid cloud solution

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# Virtual Private Servers

Your own Virtual Private Server, configured and ready to go in a matter of minutes.

### Safe, secure and global
Let us build and manage your Private Cloud platforms, hosted at our world-class data centres. We can configure your platforms to be end-to-end PCI-DDS compliant, meet specific Healthcare or Government standards requirements, or adhere to set ISO standards.

### Multi-site replication & failover
Quickly and easily replicate your cloud to other private or Virtual Private Cloud instances on our public platforms. Ensure 100% uptime, availability and disaster recovery backup across multiple sites.

### Total control
Enjoy 100% single tenant architecture, completely dedicated and specific to your requirements, and all backed by our 1000% SLA and expert 24/7/365 support. Run KVM Hypervisors with On App's industry leading management platform.

### Standardised hardware & software platform
Thanks to years of experience in running public cloud infrastructures at scale, our Private Clouds are recognised, guaranteed configurations, built to deliver exceptional performance and redundancy at all points. Our turn-key virtual server solutions are ready for you to deploy and begin work on day one, all infinitely scalable to grow with you.

Discover our VPS plans to get up and running today

# High availability load balancers

Fully managed, highly available Load Balancer clusters utilising Layer 7, SSL termination and a range of enterprise features to deliver a simple turn-key package.

### Fully managed and scalable
Seamlessly scalable load balancers are deployed and managed for you by Cloudrack, letting you focus on bigger things.

### Dynamic health monitoring
Active, passive and dynamic health checks constantly monitor your servers' health and direct users to only the healthiest.

### Balance any Application
Cloudrack load balancers actively balance any TCP based traffic - HTTP/S, MySQL, SSH, Email, FTP - just about any service you wish to run.

Add load balancers to your solution

## Key features:

**SSL termination -** offload SSL to your load balancer

**Private Gigabit LAN -** connects your servers and load balancers

**Session Persistence -** maintain sessions by always sending visitors to the same server

**Any-Port Balancing -** if you can run a service, we can balance it

**Floating IP4 and IP6 Addresses -** your load balancers get IP4 and IP6 addresses, so your servers can use private IPs if you prefer

**Wide range of balancing methods -** round robin, least load, RDP cookies or cookie insertion

**Zero Downtime -** scale and work on servers, and scale your load balancers to handle more or less traffic without any downtime

**Real-time statistics interface -** see what's happening as it happens

# Apps & API

**App Store** — Native iPhone and iPad Apps allow comprehensive control of your cloud on the go.

**Google play** — View cloud resources, monitor CPU and bandwidth use, see backups and handle basic VM management functions on your Android device.

**API** — A simple to use, RESTful API recognising XML and JSON Formats allows total control over all your cloud servers. Pre-built modules for Hostbill & WHMCS.

## GUI    API    APPS

Your cloud. Your way.

Our cloud is designed to be fully open, easily accessible and completely controllable. A comprehensive API, along with prebuilt Apps for iPhone, iPad, Android and modules for popular billing systems such as Hostbill, mean that you can run your cloud, your way, from wherever you are.

Our API allows for bespoke integrations to be configured with a wide range of billing and management platforms, tools and devOps kits.

The Cloudrack platform lets you customise your own bespoke templates to use yourself or even offer to your clients. Useful for standardised options such as ensuring all of your deployments are identical; as a gold master for server replication and deployment, or as a way deliver your SAAS application or service.

A range of pre-coded PHP extensions, Ruby Gems and more, make installation and configuration as simple as possible.

- RESTful API
- Function calls respond to XML and JSON exchange formats
- Full authorisation and authentication
- All functionality supported
- Simple installation and integration

# Managed Services

Focus on your business while Cloudrack experts monitor and maintain your infrastructure, 24/7/365.

**24/7**

## Cloudrack support

Our comprehensive, round the clock monitoring and alerting helps you avoid costly downtime by watching and reacting to any issues with your server. With full incident response, managed backups and on-demand patching, security and updates, we've got your back.

### Round the clock, around the globe
Monitoring all key metrics in real time, 24/7/365, our expert technicians respond to all alerts, investigating fully and restoring services as rapidly as possible.

**1000%**

### Service level agreements
100% network and hardware uptime. 100% availability. 15 minute maximum response time 24/7/365. If we don't deliver, you'll get 10x the pro-rated cost in credit. That's our 1000% SLA.

### Installation, migration, securing
All Cloudrack managed response clients benefit from free inbound migrations for all apps, sites and stacks. With free initial configuration/ deployment on our clouds, and complimentary server & stack securing and hardening services. Plus, on-demand patching and OS/App updates as standard.

### Comprehensive logging, metrics and insights
Easily monitor scaling and capacity, and spot performance trends with real-time polling of all services, key infrastructure metrics and response times across each tier of your application or stack.

**Cut downtime and worry less. Enroll your servers for Managed Services from £50 per month, per server.**

### Managed Services FAQ:

**Can I designate servers to be individually managed?**
Absolutely! You tell us which servers you want to be managed and we take care of the rest. The service can even be determined by resource pool and location, so you can move managed response servers to their own pool and maintain separate sandbox or pre-production pools which don't require management.

**What's included in the monitoring?**
We use the enterprise Zabbix monitoring platform across all our clouds. We can provide you with a comprehensive dashboard, detailing all metrics and monitors of your choosing. You decide what to monitor, at what frequency, along with your preference of validation and alerting paths.

**What's included in the migration service?**
We'll move all content and configuration settings from your current server to our cloud at no extra cost. We can also assist with DNS and other areas if required, just get in touch and we'll do our best to help.

**Can I buy one-off time for other things?**
Of course! The Cloudrack technicians can be utilised on an hourly basis for any project. Existing Managed Response clients benefit from 25% discount on hourly rates, just get in touch with the team for an estimate.

**More questions?**
**Email us at: sales@cloudrack.com**
**We're here to help, 24/7!**

# Features

## Flexible enterprise SSD cloud in minutes

1. Pick your location
2. Select your resources
3. Deploy your servers

### HP BL460 GEN9 Blade servers
The latest generation HP C7000 chassis and BL460 Blade servers with multiple 10Gbps networks and enterprise reliability power our platforms.
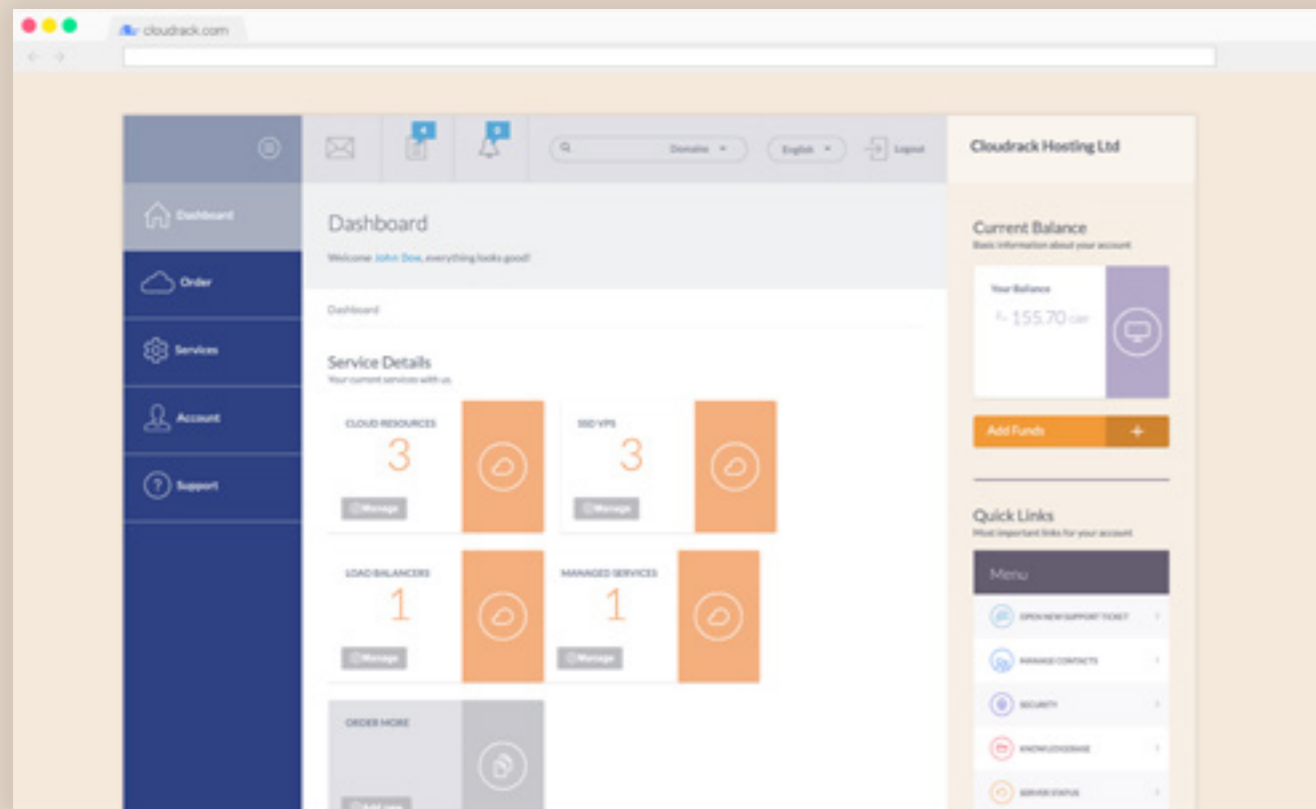
### Superfast SSD storage
Enterprise Flash cached SSD arrays with data centre grade SSDs guarantee blazingly quick performance and rock solid reliability.

### Powerful Processors
Top of the range, server grade Intel V4 processors ensure incredibly stable, predictable performance without processing limits or throttles.

# Flexible and powerful

All Cloudrack locations utilise identical hardware and software, making simple and standardised global cloud solutions available to all customers. Easily configure, launch, restart, scale, reimage, add IPs and more, all from your dashboard.



**24/7/365**
Comprehensive support is always available from expert technicians who care. We're always here and happy to help whenever you need it.

**1000% assured**
If we fail to uphold our 100% uptime guarantee, you'll receive a 10x pro-rated credit on your account. That's our 1000% SLA.

**Flexibility**
Quickly scale your resources up or down, on demand. Utilise the exact components you need to fit your requirements.

# Inclusive features

**Flexibility**

Schedule automatic daily, weekly or monthly snapshots, or take them on demand. Use these to clone or replicate your servers, or as master templates for quick scaling.

**Security**

Offload firewalling to our cloud. Each and every server you build includes a powerful platform-based firewall to ensure the highest levels of security across your cloud instances.

**AnyCast DNS**

Let our free Global AnyCast DNS platform accelerate your site and relieve you of DNS concerns.

**Monitoring**

Uptime and response time monitoring are included as standard in your dashboard. Enable for some or all your servers and receive automatic email alerts.

**Private networking**

Gigabit private LAN between servers and NAS storage is included at no additional cost.

**NAS storage**

For archive, backup and low cost media storage, NFS and CFS mounted NAS storage is available to all servers.

**Rescue console**

Permanent HTML5 KVM console for all servers, granting out-of-bounds admin and recovery mode.

Visit Cloudrack today