



LINUX CLOUD HOSTING

Product Brief

With a Linux Cloud Server plan, we install Debian and CentOS on virtual hardware and give you access to the root login, letting you modify the installation of Linux, install any software, and manage the server yourself.

Every server has between 1 and 8 2.53 Ghz virtual CPUs, shared on hosts operating, on average, below 30% CPU utilization. We ensure that every server is backed by 100% of the RAM included in their plan, up to 16 GB. Other features include: Virtual KVM, Virtual CD/DVD & Floppy, Virtual Power Buttons, and Performance Charts. These features let you stay in control just like you were sitting in front of a physical server.

With Infinitely Virtual's Cloud Server, you are always protected. Our revolutionary Enterprise Virtualization Environment (E.V.E.)™, with features like a clustered NetApp SAN with RAID-DP, VMware HA clustering, and clustered enterprise firewalls, guarantees 100% uptime. We also backup your servers nightly by taking application-consistent snapshots.

Product Overview

With a Linux Cloud Server plan, we install Debian and CentOS on virtual hardware and give you access to the root login, letting you modify the installation of Linux, install any software, and manage the server yourself.

Basic Building Block

The basic building block of every plan is our revolutionary VMware based Cloud Server running on our exclusive [Enterprise Virtualization Environment \(E.V.E.\)™](#). Our Cloud Servers are unique in that they are both virtual, consuming shared resources across our massive E.V.E., and dedicated, giving customers complete control over the operating system. Our Windows VTS plans enable you to install any feature of Windows and install any supported application.

Why Linux Cloud Server instead of VPS?

Every server has a virtual CPU, virtual RAM, virtual system board and bios, virtual network interface card, and virtual hard drives. We install Debian or CentOS on this virtual hardware, and we give you access to the root login. With this, you can modify the installation of Linux in any way you require, install any software, and manage the server just like you purchased it directly from HP or Dell.

Dedicated Server Performance

Infinitely Virtual Cloud Server plans feature the industry's highest performance. Every server has between 1 and 8 2.53 Ghz virtual CPUs, shared on hosts operating, on average, below 30% CPU utilization. This means that at any given point in time, your server will have the ability to utilize all 2.53 Ghz of your CPU cores. We ensure that every server is backed by 100% of the RAM included in their plan, up to 16 GB. Servers are connected to our virtual switch infrastructure at 1 Gbps, and Internet connectivity is 100 Mbps. Most importantly, our servers are stored on our NetApp SAN with 15k fibre-channel disks, ensuring the highest disk performance in the industry.

Infinitely Scalable Servers

One of the unique advantages of Cloud Servers vis-à-vis dedicated servers is their ability to be upgraded in very small increments without having to reinstall the server's operating system or applications. We offer our customers the ability to upgrade any aspect of their server in tiny increments.

This enables you to scale your server as your needs grow without disrupting your users.

Better than Dedicated Server Access with vCloud Director

With our vCloud Director enabled plans, interact with your Cloud Server from Infinitely Virtual like you were sitting in front of your server. A serious limitation of dedicated servers is that you cannot see the console, insert a CD in the drive or power cycle the server without remote hands. Until now, these were limitations that customers had to tolerate to get the performance their applications required. Our Cloud Server plans feature:

- Virtual KVM
- Virtual CD/DVD & Floppy
- Virtual Power Button

With these unique features, you can interact with your server whether or not the operating system is running. If you accidentally lock yourself out of VNC or remote desktop by modifying the firewall settings, you can easily connect to our Virtual KVM and let yourself back in. If you want to insert a CD, DVD or floppy, just access our Virtual CD/DVD & Floppy feature. And if for any reason the server won't restart gracefully, just power it down and back up with our Virtual Power Buttons.

Is Your Dedicated Server or VPS Plan Clustered?

We define the standard for fault-tolerance, guaranteeing 100% uptime. Every Cloud Server is protected by E.V.E., with features like:

- VMware HA Clustering
- VMware vMotion & svMotion
- Clustered NetApp SAN with RAID-DP
- Clustered enterprise firewalls
- Multiple BGP routed Internet

Product Features

E.V.E. Features

- SSAE 16 Type II Audited
- Redundant Power & Cooling
- Enterprise LAN & WAN
- High Performance HP BladeSystems
- Clustered NetApp SAN
- 100% Uptime Guarantee
- 24x7x365 U.S. Based Support
- VMware vSphere
- VMware Hardware Availability Clustering
- Application-Consistent Backups
- Intrusion Detection & Prevention
- Perimeter Anti-Virus & Anti-Spyware
- 30 Day Satisfaction Guarantee

Virtual Server Features

- Dedicated OS
- Root Login
- Install 3rd Party Applications
- Virtual KVM
- Virtual CD/DVD & Floppy
- Virtual Power Button
- McAfee Endpoint Protection (Optional)
- Access to Network Performance Monitor (Optional)
- Infinitely Scalable
- SSH Access
- VNC
- SNMP Monitoring
- Self-Managed vShield Firewall, Managed Firewall (Optional)
- Server Load Balancing (Optional)
- Managed Site-to-Site IPSec VPN (Optional)
- VMware Fault-Tolerance (Optional)

Web Hosting Features

- CGI
- PHP 5
- Server Side Include
- Curl
- GD Support
- MySQL Databases
- Fast CGI
- Perl
- Python
- FrontPage Support
- phpMyAdmin

Email Features

- POP3
- SMTP
- Autoresponders
- Email Alias
- Spam Filtering
- IMAP4
- Webmail
- Forwarders
- Catch-all Mailbox

providers

- Redundant layer 3, 10 Gbps switches
- Redundant power, backed by UPS & generator
- Redundant fans
- Redundant cooling

Serious Data Protection

We take data protection seriously. Every plan includes our unique data protection feature. Every server in our environment is backed up nightly by taking a point-in-time snapshot of the entire datastore. Unlike our competitors who take crash-consistent snapshots of their customers' servers, we take application-consistent snapshots. We retain daily backups for 7 days and weekly backups for 4 weeks.

Free SNMP Monitoring

To ensure the best possible performance, we give our customers free SNMP monitoring. Every server in our environment is monitored by our enterprise NMS. We constantly monitor CPU usage, RAM usage and disk usage, and if your server exceeds our norms, we notify you so you can take corrective action.

Learn More About E.V.E.

Learn more about our exclusive Enterprise Virtualization Environment™ and how it sets us apart from the competition. When selecting a hosting solution, there is only one question you should ask, "Is this plan hosted on E.V.E.?"



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