



Cloud Hosting



Cloud Hosting

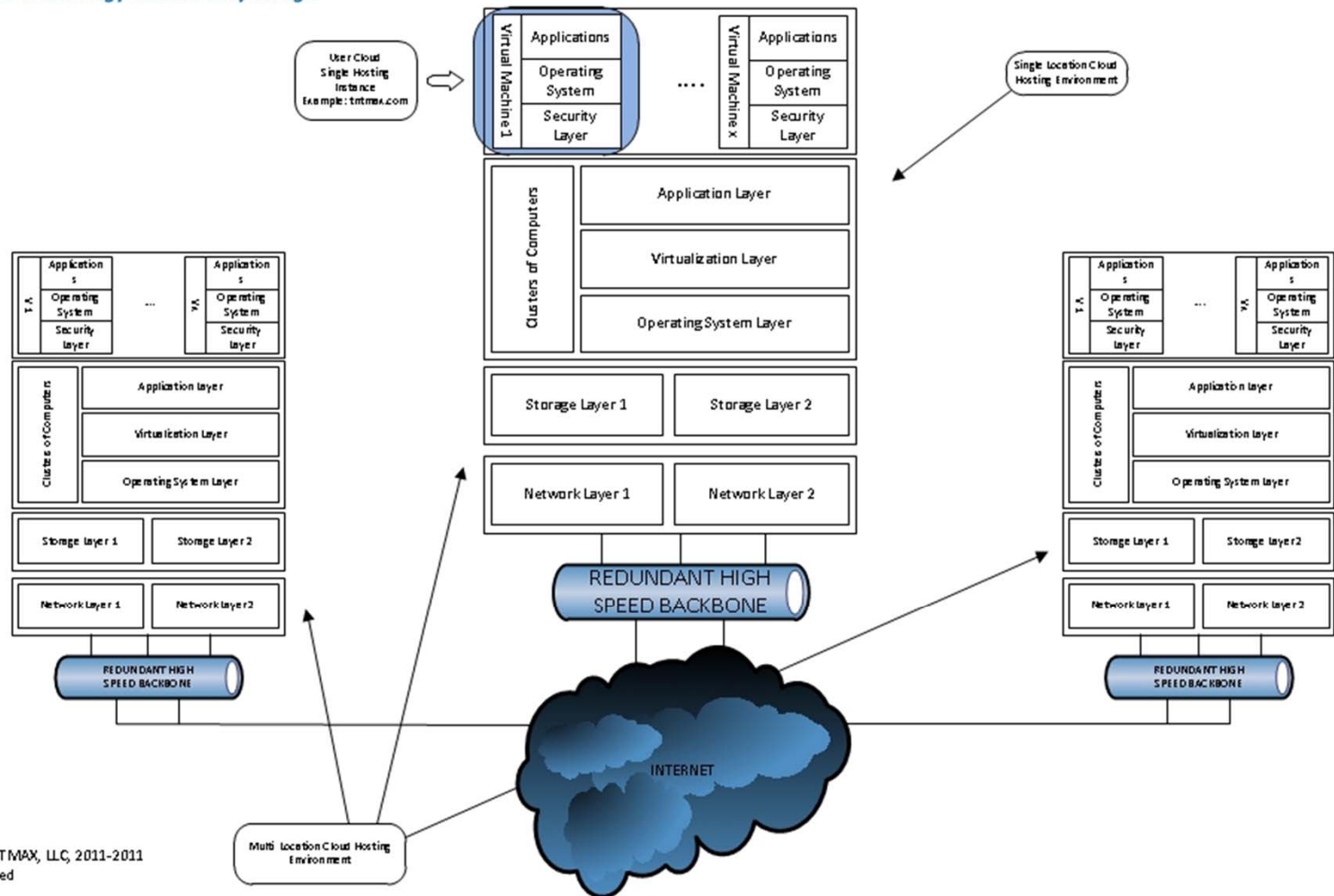
“Cloud computing is a model for enabling convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction.”

(Source NIST – National Institute of Standard and Technology

<http://www.nist.gov/itl/cloud/index.cfm>)

“Cloud Hosting: is a new type of hosting platform that allows customers powerful, scalable and reliable hosting based on clustered load-balanced servers and utility billing. Removing single-point of failures and allowing customers to pay for only what they use versus what they could use.” (Source Wikipedia.org link http://en.wikipedia.org/wiki/Web_hosting_service)

CLOUD HOSTING



Who needs Cloud Hosting?

If you need to:

- run a custom web environment with your own software stack that meets the requirements of your web site,
- be able to grow on demand and be billed for what you use,

then cloud is a good solution for you company.

An ideal candidate would be a company with a custom website running Drupal that utilizes a separate development environment using subversion.





Cloud Hosting

The Advantage of Cloud Hosting

Flexibility: Cloud hosting gives you the freedom to install your own software.

Scalability: Cloud environment can be scaled up and down easily.

Backup: Cloud environment can be saved as a single virtual host backup.

Hardware Agnostic: The user is no longer responsible for hardware upgrades.

SAS: Software as a Service, vendors are now providing users with software solutions located in the cloud. Ex: Google Apps, SalesForce, Cloud Hosted Phone systems and much more.



Green: Leveraging available hardware resources more effectively and giving users what they need more efficiently, provides for a reduction of computing cycles, thereby reducing the amount of server requirements and making for a lower carbon footprint. “A cloud can do more in a smaller footprint.” FvF



Cloud Hosting

Are All Clouds Equal?

The answer is NO. Every available cloud hosting solution is different in its implementation and level of redundancy provided. A very good rule of thumb is to remember that, “You pay for what you get”

There is no standard, at this point, that defines the implementation of cloud architecture. Cloud hosting is built on two key technologies:



Clustering – The ability to run multiple computers/ servers/hardware in a redundant architecture to provide multiple points of failure and shared distributed resources.

Virtualization - The ability to divide the hardware resources and operating systems into separate instances called “Virtual Machines” that are configured to utilize a subset of the total available resources.



Cloud Hosting

Costs of Cloud Hosting

Cloud computing and hosting is charged on an hourly basis based on the operating system, size of the cloud requirements and daily bandwidth usage.

Example: A LAMP cloud with 1GB of RAM and 40GB of disk space would cost, on average, about \$55 per month.

		Linux	Windows
RAM in MB	HD in GB	Hourly/Cost	Hourly Cost
256	10	\$ 0.02	n/a
512	20	\$ 0.03	n/a
1024	40	\$ 0.06	\$ 0.08
2048	80	\$ 0.12	\$ 0.16
4096	160	\$ 0.24	\$ 0.32
8192	320	\$ 0.48	\$ 0.58
15872	620	\$ 0.96	\$ 1.08
Managed Services		\$ 0.12	\$ 0.12
Managed Services Monthly		\$ 100.00	\$ 100.00
Incoming Bandwidth per GB		\$ 0.22	\$ 0.22
Outgoing Bandwidth per GB		\$ 0.08	\$ 0.08





Cloud Hosting

Who are some of the Cloud Hosting Companies?

Below is a list of cloud hosting companies currently available. There are a great deal of cloud hosting companies. We only reviewed a short list below that is not ranked.



Amazon: Elastic cloud Solutions EC2 is one of the first cloud hosting services. they have a very compressive redundancy cloud across multi location East and West coast USA and Europe - *TNTMAX's partner.*



Rackspace: One of the most well-known hosting providers has rolled out a cloud hosting services and cloud file storage – *TNTMAX's partner.*



GoGrid: This company specializes in cloud and hybrid hosting, so users have a bigger variety of options.



Slicehost: Slicehost was among the first to offer cloud hosting services.



Cloud Hosting

What does TNTMAX offer?

TNTMAX has over 20 years of technology experience and know-how. Our expertise includes helping our customers to manage their hosting requirements and support their ongoing development needs by providing key technology services such as:



- *Monitoring and Management*

- *DNS Management*

- *System Administration*

- *Optimization and Load Balancing*

- *Security*

- *Consulting Architecture, Project Management*

- *Development Programming*

- *SCM - Source Code Management*



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Enews:

- ▶ TNTMAX recently launched nelanj.org
- ▶ TNTMAX recently launched joetrivia.com
- ▶ TNTMAX recently launched drandreamaltia.com

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Cloud Hosting

With CLOUD HOSTING, you can put your company on the digital map. Each of our HOSTING web servers are situated in a 24/7/365 protected cloud environment with the highest reliability possible. All CLOUD HOSTING solutions come equipped with a wide variety of features and services.



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TNTMAX Green

Everyone's going "green" these days and TNTMAX is no exception. Instead of jumping on the bandwagon, though, we were ahead of the pack when we started our technology recycling program.

[Read more](#)

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