



Cabin Group Limited

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Cloud Server Brochure

Our Brands

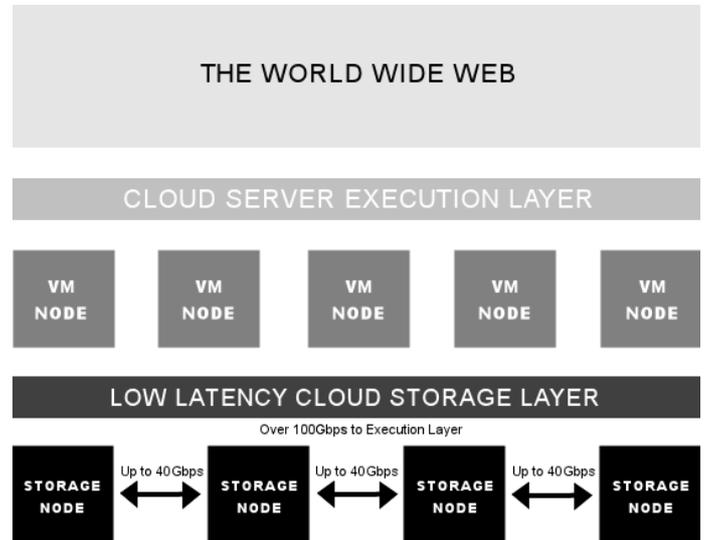
TEAMagic Web Services

Yupapa Web Services

MagicNIC

Cloud Cluster Design

Our cluster design is split into two major components. They are the execution and storage layers. The execution layer consists of hypervisors delivering services to the end users where as the storage layer consists of storage nodes to stockpile information and serves to the front end. The hypervisors talks to each other to maintain their heartbeats and execute the failover procedure when one of the nodes comes down. Storage nodes typically have the same heartbeat mechanism but provide their active-active services. The two layers run in dissimilar channel of network with different latency and throughput for different functions.



Cloud Server

Every cloud server is hosted on our storage nodes and executed by our vm nodes. Data stored within the cloud server is duplicated across multiple storage nodes for high redundancy.

Management Console

Every cloud user is able to access to the intuitive management console to manage their servers. A wide variety of choices could choose from when managing their cloud servers. These include reinstallations, console access, snapshots, and more.





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Reinstall Instances with just a click

Choose the right template and reinstall instances at anytime.



Virtual machines

Last time you logged in to the console is 2014-04-20 16:10:10. [Hide](#)

Reinstall the operating system

Edit
 Restart
 Reinstall
 IP addresses

Id	Name	Domain name
20	testvm	example.com
26	linux	example.com



OS installation - linux

OS template ?

You can provide public SSH keys that will be added to the instance. ?

Public SSH keys ?

Public SSH keys ?

Install O/S by yourself

When a user prefers to use another operating system or a different partition layout, he/she may mount the CD image to reinstall the cloud servers through console.



Virtual disks - linux

Last time you logged in to the console is 2014-04-20 16:15:10. [Hide](#)

Attach the CD/DVD disk image for the selected instance

Back
 Edit
 ISO
 Unassign

Id	Name
28	linux



Attach CD/DVD disk image

Image name ?

Bus ?

Virtual device ?

Boot priority ?



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Resource Utilization

A comprehensive report showing the cloud server utilization



This report shows service consumption by this virtual machine



Special Notes

- Changing the specification of the Cloud Server (such as disk, memory, cpu) would require a restart to take effect.
- Snapshots are not recommended for use on production servers as they might slightly drag down the performance. They are not designed to use for backup.
- Real-time data is duplicated on multiple storage platforms. Please do not consider this is a form of backup as the data are taken in real time. Instead, please use an offsite backup service and backup the server data regularly.
- System failure occurred on a hypervisor will restart your cloud server and interrupt its services for a short period of time.
- System crash or service / application failure caused within your cloud server would not trigger our service monitor to restart your server.
- Our storage platform may go out of sync and requires re-synchronization. This can be caused by hardware failure or scheduled maintenance. Depending on your system load, the service performance may degrade while the synchronization is active. Once the synchronization has completed, the performance resumes to optimal level immediately.