Ezstackr

Superconvergence for the Enterprise and Managed Service Provider

Introduction

While hyperconvergence aims to simplify data center operations by combining compute, storage and networking in a single system - **Superconvergence**, take hyperconverged infrastructure to the next level. It combines five capabilities in a single platform: networking, storage, compute, virtualization and management.

Ezstackr

A Superconverged multi-node, multi-user virtual computing environment, allowing users via a web service interface to launch compute with a variety of operating systems, load them with custom application environment, manage network access permissions, and run images using as many or few systems as you desire.

To use Ezstackr, you simply:

- Select a pre-configured, template to get up and running. Or create/import a VM containing your applications, libraries, data, and associated configuration settings.
- Configure security and network access.
- Choose the resources you want, then start, terminate, and monitor as many instances of VMs as needed, using the web service APIs or the variety of management tools provided.
- Determine whether you want to run in multiple locations, utilize static IP endpoints or public IPs.

Cloud Service

- Cloud service providing secure, resizable compute capacity
- Cost effective and easy to deploy for enterprises, MSPs, SMEs, app developers & businesses offering IaaS, PaaS & SaaS solutions.
- Easy to use web service: drag & drop, point & click interface allows you to configure, provision, scale & build highly available compute.
- On-demand: increase or decrease capacity within minutes, not hours.
- Complete control of your computing resources.
- Pay per use, postpaid, utility billing integration
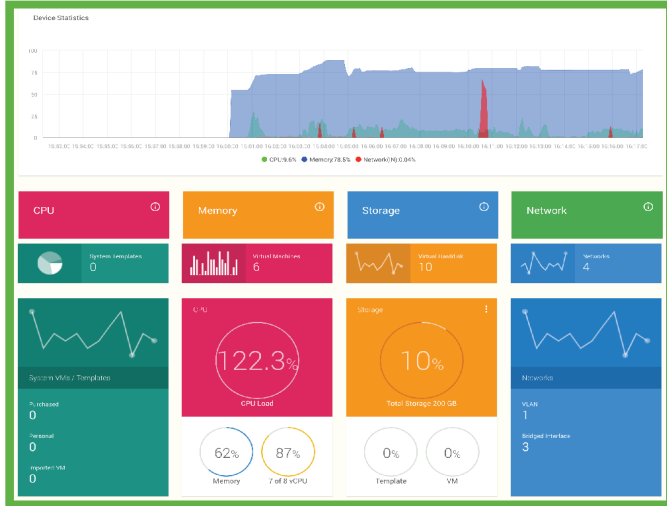
Building Blocks

- Ezstackr's platform – a rich collection of building blocks that can be stacked or assembled, giving you the flexibility to design and rapidly deliver compute, storage, memory, networking & security
- Processor choices: Intel Xeon or Atom, AMD
- High Performance Storage
- Enhanced Networking and Public IPs
- High Availability & Disater Recovery

Benefits

- Scale your compute quickly
- Increase or decrease capacity within minutes, not hours or days
- Full control of your instances & resources
- Available with choice of processor, storage and networking options, operating systems, and purchase model
- Highly available & cyber secure
- Easy to use: Drag & drop, point & click
- Cost effective for Enterprises, Managed Service Providers and SMEs, IaaS, PaaS, SaaS solutions
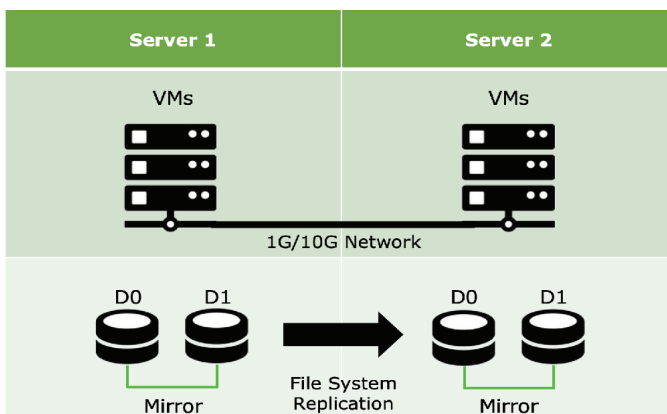
The solution

Point & click, drag & drop user interface for provisioning CPU, memory, storage, apps & networks.

Ezstackr allows you to custom build your solution stack to meet customer requirements, e.g. layers of security, compute, network, database, storage and to protect investments with High Availability & Disaster Recovery.

Stacked	Services & High Availability	DR Services
🔒	Security	🔒
🖥	Web Servers & Load Balancers	🖥
🔒	Security	🔒
🗄	Database and Storage	🗄

Service outage and data loss are top concern of cloud adopters. Use Ezstackr to design your solution to mitigate these risks.

MIGRATION

Customers usign other virtualized platforms have investments in apps. These VM Disk Images from other cloud platforms can be imported into and run on Ezstackr without modification

Virtualized Platform	Disk Image	Supported ?
VMWare	VMDK	Yes
Azure / HyperV	VHD	Yes
Openstack	KVM	Yes
Oracle	VMV	Yes
Cloudstack	Xen	Yes
Ezstackr	KVM	Yes

Ezstackr

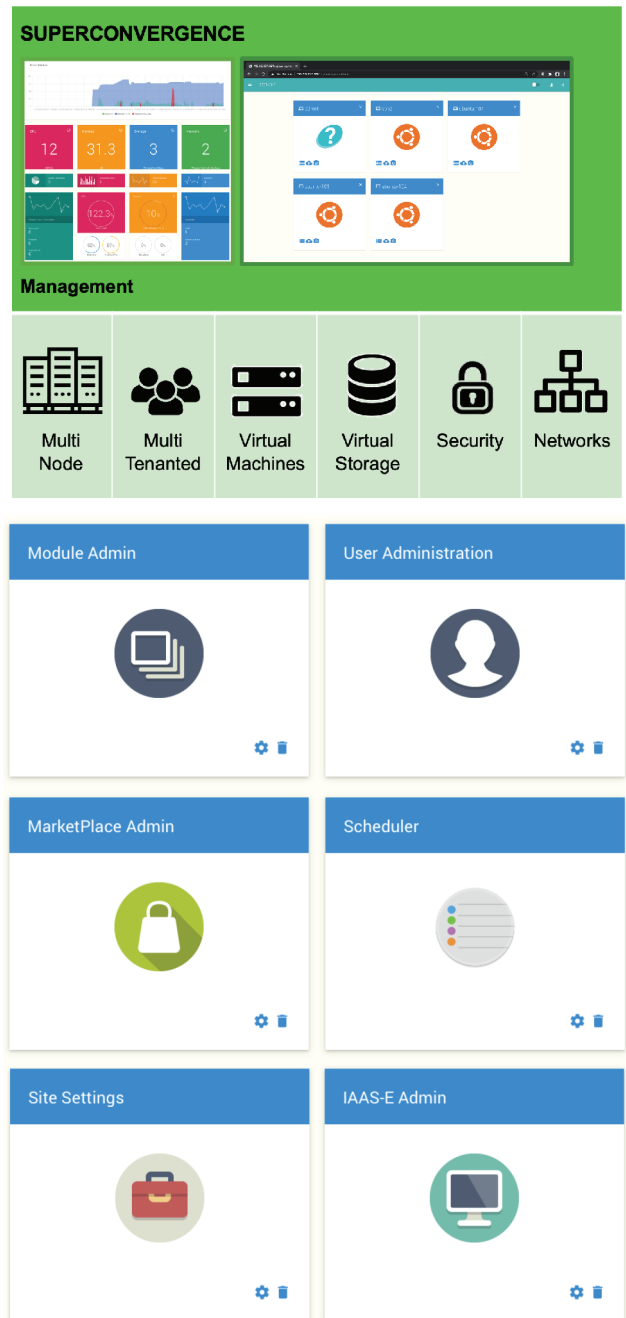## Ezstackr System Level Mirroring/ HA / DR

High Availability (HA) and Disaster Recovery (DR) are one of most important functions in a data center. Having your own DR site in the cloud ready and on standby, without having to pay for the hardware, power, bandwidth, cooling, space and system administration and quickly launch resources in cloud, when you really need it (when disaster strikes in your data centre) makes the Ezstackrcloud the perfect solution for DR. You can quickly recover from a disaster and ensure business continuity of your applications while keeping your costs down.

Disaster recovery is about preparing for and recovering from a disaster. Any event that has a negative impact on your business continuity or finances could be termed a disaster. This could be hardware or software failure, a network outage, a power outage, physical damage to a building like fire or flooding, human error, or some other significant disaster.

In addition to user-level HA and DR best practices, LGA and Ezstackr architecture can offer system level HA and DR for MSP businesses. Contact LGA for more details.

Ezstackr - Your Competitive Edge

Ezstackr is your total competitive edge to get ahead of the competition by offering new services: Your customers save time via easy to use interfaces and single-pane-of-glass data centre management, save money via optimal resource utilization, enjoy improved cyber security posture, have no capital investments, no maintenance and update costs, customers can pay for what they use, enjoy lower energy costs and customers free up IT talent for important business priorities.

SUPERCONVERGENCE

Management

| Multi Node | Multi Tenanted | Virtual Machines | Virtual Storage | Security | Networks |

Module Admin

User Administration

MarketPlace Admin

Scheduler

Site Settings

IAAS-E Admin

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