Ezstackr

Superconvergence for the Enterprise and Managed Service Provider

Introduction

While hyperconvergence aims to simplify data centre 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, virtualisation 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 a 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 virtual machine 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 virtual machines as needed, using the web service APIs or the variety of management tools provided
- Determine whether you want to run in multiple locations, utilise 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
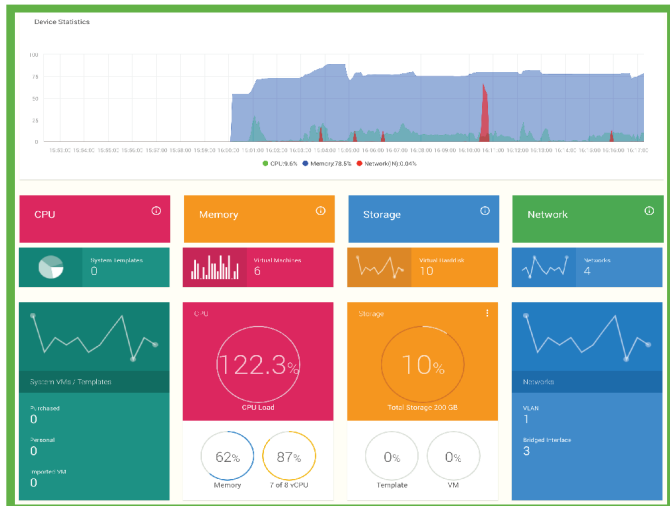- Pay per use, postpaid, utility billing integration

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 (HA) & Disaster Recovery (DR)

Benefits

- Scale your compute quickly
- Increase or decrease capacity within minutes, not hours or days
- Full control of your instances & resources
- Available with choices of processor, storage and networking option, operating system, 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
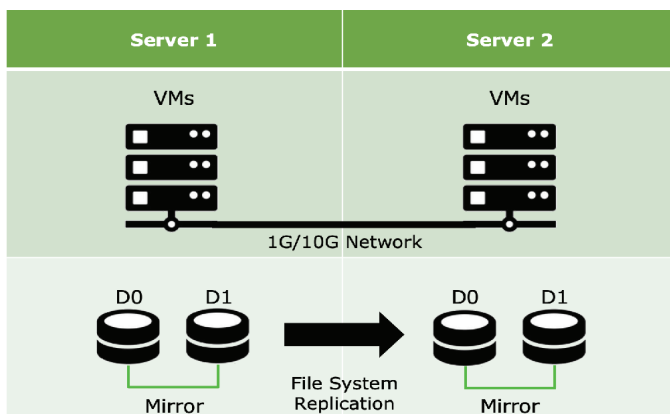
The solution

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 concerns of cloud adopters. Use Ezstackr to design your solution to mitigate these risks.

MIGRATION

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

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

Ezstackr

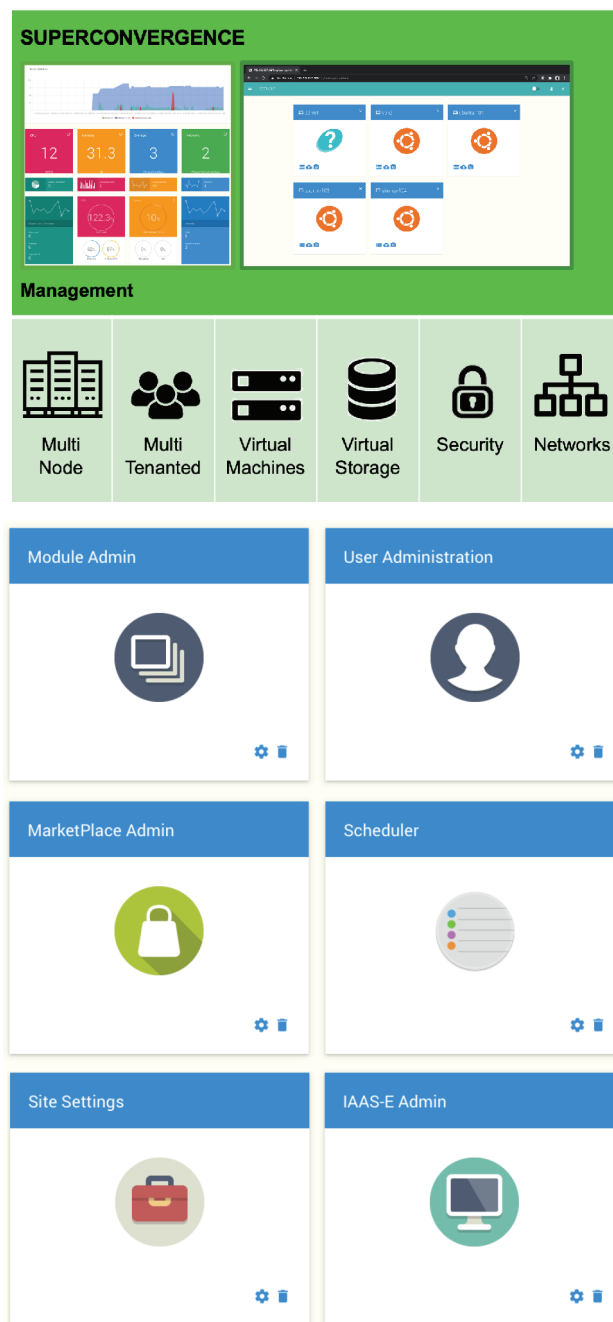## Ezstackr System Level Mirroring / HA / DR

High Availability (HA) and Disaster Recovery are one of most important functions in a data centre. 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 Ezstackr cloud 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 finance could be termed a disaster. This could be a hardware or software failure, network outage, power outage, physical damage to a building like fire or flooding, human error, or some other significant disasters.

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

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 utilisation, 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

12   31.3   3   2

122.3   10

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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