HARBOUR IT

Infrastructure as a Service

Deploy computing resources on demand and respond faster to change in today's dynamic market with Harbour IT's Infrastructure as a Service solution. Your virtual infrastructure will be accessible by your end users wherever they may be and your organisation will benefit from best-of-technologies, superior IT resources and access to highly skilled engineers.

Harbour IT utilises market-leading virtual technology platforms from VMware, giving you access to the very best. Security concerns are laid to rest with this tier 1 technology – your key business applications are in safe hands!

Benefit by subscribing to cost-efficient resources and obtain increased agility and productivity with a fully-scalable infrastructure in the cloud. Save on purchasing servers, licenses, network equipment and data centre space and only pay for what you need, when you need it.

The Best in the Business

Harbour IT's hybrid cloud is built on VMware's vSphere, the industry's most complete and robust virtualization platform. The technology reduces capital and operational expenses per application by more than 50 percent through virtualization of server, storage, and networking resources, reducing capital and operational expenses per application by more than 50 percent.

Features include dynamic resource balancing, meaning your most vital applications are given top priority, and zero-touch automation.

PERFORMANCE AND RELIABILITY

Access enterprise-level technology housed within a tier 1 data centre, all controlled by virtualisation experts.

DYNAMIC AND SCALABLE

Scale computing resources as required quickly and effortlessly.

SAFE AND SECURE

Physical, network and data security are top priority. Our dedicated, specialist team solve and prevent security issues before they become risks.

IMPROVED BUSINESS CAPABILITIES

Our infrastructure lets you quickly deploy more advanced technologies to improve the productivity and efficiency of staff.

COST CONTROL

Pay only for what you use, and redeploy internal IT staff to core business activities.

CHARACTERISTICS AND COMPONENTS OF IAAS INCLUDE:

- Utility computing service and billing model
- Automation of administrative tasks
- Dynamic scaling
- Desktop virtualization
- Policy-based services
- Internet connectivity
- Dedicate Service Level Agreements

Security in the Cloud

Is the cloud really secure? It is at Harbour IT. We've invested the time and resources into ensuring the physical and virtual security of our cloud service. Our devoted, specialist resources solve and prevent security issues. We offer a transparent solution that ticks all the boxes to lay your mind at rest.

Physical Security

Harbour IT's data centre has been built from the ground up, giving you access to the highest quality facilities with supreme physical security. Security features include security mesh around our cages, biometric readers on all doors, UPS and generator protected power, CCTV recorders and an around-the-clock security team monitoring all physical access. Visitors entering the state-of-the-art facility must pass through a security check point, mantraps and individual biometric fingerprint scanners.

These securities features, combined with structural protection against fire, flood, earthquakes, and even terrorist attacks – create a rigidly controlled operating environment that protects valuable customer assets and operations.

Access industry-leading operational expertise, world-class physical security, and a high-performance network ecosystem within Harbour IT's Data Centre.

Network Security

Each client is securely segmented into their own VRF (Virtual Routing and Forwarding). This technology prevents each client from seeing or accessing each other's network. VRF technology also eliminates the problem of clients having the same IP range as another client.

All clients will have their own dedicated public IP range which enhances public security for services such as VPN connection.

Utilising CISCO firewalling technologies, each client will have their own set of firewall rules which are not shared or impacted by other client configurations. This means firewall configuration and changes are completely independent of other customers. Each customer will be provisioned with one or more VLANs to cater for any internal requirements, these VLANs map back to the individual clients VRF. Private WAN networks and physical hardware can be patched into your VLAN at this level.

Virtual Server Security

VMware is recognised within the industry as the leader in virtual technology platforms. As such, Harbour IT makes use of VMware's vSphere version 4.0. This offering was specifically built for the cloud.

Each customer's virtual servers will be attached to the network via one or more customer-segmented port groups. Each port group ties the servers into the customer allocated VLANS created as part of the cloud network security per customer.

Data Security

Each customer's Virtual Servers have their own VMDK (Virtual Machine Disk) which is a file that represents the drives created as part of the virtual server. This virtual disk contains the server's operating system, and associated data drives. The virtual server operating system has no visibility of SAN storage or other VMDK's existing in the environment.

All of Harbour IT Cloud SAN storage connectivity is IP based, which helps to alleviate security implications associated with other methods of attachment.

Our Partners

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hp

NetApp Gold Partner

CITRIX

HARBOUR IT

www.harbourit.com.au

enquiries@harbourit.com.au

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