

Hosted Infrastructure (Shared)

Simple & flexible access to hosted IT infrastructure

Solution Highlights

- Scalable cloud services
- Simplified licensing
- Monthly fee, no upfront capex
- Hosted in secure NZ-based data centres
- Access to other related services, including business continuity & DR

Scale your infrastructure up or down to provide the services your customers need and respond quickly when your ICT requirements change.

Don't worry about procuring, maintaining, and replacing your own server hardware. Let us know what you need and we will provide it for a simple monthly fee within our shared platform. We can also manage cloud licensing appropriate to your solution.

Your solution will be hosted on major brand technology to ensure consistent and reliable services, and everything is hosted in our New Zealand-based data centres.

Why do you need it?

You're interested in technology outcomes, not buying and maintaining physical server infrastructure.

By using infrastructure-as-a-service, you can access the computing power you need for a simple monthly fee.

Why this solution?

Plan B's Hosted Infrastructure (Shared) makes it easy for you to:

- Outsource your infrastructure and **access flexible and scalable options** that keep pace with your business requirements.
- **Reduce complexity** by dealing with one vendor for your data centre, ICT hardware, and related licensing requirements.
- **Budget a monthly fee** to access computing power, rather than investing in your own servers and related infrastructure.
- Host your services within our **NZ-based infrastructure**.
- **Choose from a range of other Plan B & ICONZ ICT and Business Continuity services.** These services can include managed networks, managed backup, standby offices & IT infrastructure, and recovery testing.

Our service provides a simple solution to access computing power that can be adjusted over time to suit your business priorities.



Key Features

Platform Resilience

- Data centres have uninterruptible power supplies and precision temperature controlled rack space.
- Compute nodes have N+1 architecture and storage resides on a highly available storage array.
- Replication to an alternate data centre is available for an additional cost.

VLAN

- First 2 VLANs free of charge.

Firewall/Security

- Solution integrates with our Virtual Firewall service (Fortinet ICSA certified).
- We provide basic DDoS protection via our upstream provider.

Hypervisor

- We support VMware vSphere only.

Platform Management

- We manage and maintain the hardware, network, storage and hypervisor.

Guest/Storage Management

- We maintain vSphere; provision vCPUs, RAM and storage; and provision and create VM Snapshots.
- You are responsible for maintaining your own VMware tools and managing VM's via the vCenter web client.

Guest VM Access

- Console access is available using the vCenter web client, via secure VPN.

Guest OS Licencing

- We can supply service provider licences for related Microsoft products.
- You provide your own licencing for all other Operating Systems and software products in use.

Reporting

- Generate your own bespoke reports via the vCenter web client.

Backups & Disaster Recovery

- Manage your own backup & DR solution, or choose one of our optional services.

How does it work?

Our Hosted Infrastructure (Shared) solution is a service that allows you to run one or more virtual machines in our shared cloud environment. You only pay for the resources you need and can scale your service between pre-defined pools (vCPU, RAM, storage) as your business requires. You don't need to worry about management of the underlying hardware, warranties or hypervisor.

Our cloud environment utilises VMware vSphere technologies that provide the flexibility for you to monitor and manage your own virtual machines.

Storage is provided via shared data stores on a multi-tenanted storage array.

There are three customisable components of the Hosted Infrastructure (Shared) solution:

- vCPU** – Multiples of 1 vCPU up to a maximum of 24 vCPU's per VM if supported by the guest OS.
- RAM** – Multiples of 1GB up to a maximum of 128GB per VM.
- Storage** – Multiples of 1GB up to a maximum of 62TB per VM.

Our cloud environment connects over our ISP network:

- Internationally and domestically our cloud environment has redundant circuits.
- We peer with New Zealand's main internet exchanges (APE, WIX, and AKL- IX).

Your infrastructure will be hosted in one of our secure data centre facilities which have alarm systems (monitored 24/7, 365 days per year), CCTV cameras, and controlled access by authorised personnel.

About Plan B & ICONZ

Plan B provides NZ-hosted and supported business continuity, cloud infrastructure, and networking solutions to organisations around New Zealand, including many of the most recognised global and local brands.

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