

CLOUD INFRASTRUCTURE





VIRTUAL SERVERS

AKA: VPS (Virtual Private Server), VM (Virtual Machine), Cloud Server, Cloud Compute, Cloud Instance

Creating Virtual Servers

Creating a Virtual Server through LEDC's IaaS platform is seamless and instant. Select from any data centre in our network of more than 30 regionally located data centres across the eastern seaboard of Australia. Easily scale resources for your Virtual Servers as you require, with the ability to increase/decrease CPU, RAM, Storage, and bandwidth on demand.

Create any Server

Almost any type of server can be created as a Virtual Server in our platform with a few easy steps:



Add a server based on the specification of the resources required (CPU, RAM, Storage, Network etc.).



Choose which operating system to install on the server, either from a list of popular operating systems in our library, or bring your own OS and mount it to the server through the portal and install it.



Install any application software and other software you wish on the server for your desired requirements, either from a list of software from our library or bring your own software and mount it to the server through the portal and install it.

The most common servers that clients create include web servers, mail servers, database servers, domain controllers, and file servers.

Platform Features

Automatically turn/off & restart your Virtual Server with a single click.

Load an operating system and applications direct from our library, or mount and install your own effortlessly within the portal.

Open a web-based VNC session inside the portal for remote hands access to your server.

Set and manage backups of your servers including the frequency and retention of all backups.

Format any server, reinstall or restore from backup immediately through a simple point and click process.

Configure firewall policies with our integrated firewall module for each Virtual Server.

Add and manage multiple network interfaces per Virtual Server and enable specific VLANs.

View realtime and historical statistics of your servers including:

- CPU utilisation
- Memory utilisation
- Disk throughput and usage
- Traffic counters and predictors

Set your own monitoring alerts to automatically trigger email or SMS notifications to nominated accounts for the alerts of:

- ICMP Ping Monitors
- HTTP Requests
- HAProxy Backend Polling
- Network Bandwidth Utilisations
- CPU Jiffies usage
- Network Ports
- Server Power
- SQL Slave Lag Checking
- HTTP Callback Polling



VIRTUAL SERVERS

Virtual Server Features



Support

All of our virtual servers come with ticketing portal support as standard. This means you can place a support ticket with us regarding your virtual server, the platform, or any issues you may have relating to the network or use of the server, and we will answer within 60 minutes at any time of the day or night. If you require even higher priority support with faster responses, we offer a premium support option with a 15 minute response, and critical support with a 5 minute response.



Security

All virtual servers have several security module options that can be added to the virtual server for additional protection of the server, data, and access. Security modules include:

- Anti Virus
- Anti Malware (ransomware, exploit)
- Firewall
- HIDS (Host Intrusion Detection System)
- FIM (File Integrity Monitor)
- Managed O/S updates and patches



Backups

All virtual servers are automatically backed up to our backup servers every month. Backups are one of the most important processes, and are often forgotten. We know how important it is, so if you forget, don't worry, we don't. We provide complimentary backups each month. For more critical backups, our portal allows you to configure regular rolling backups where you can set the frequency of each backup and the period that each backup should be retained for.



High Availability

For uptime critical services, customers can set virtual servers to be linked in a HA (High-Availability) environment. The portal allows customers to enable HA at the click of a button. The client selects which location the replicated virtual server should be set to, and the primary server then automatically begins to replicate to the secondary location and be prepared for failover to this location at any time the primary server is unavailable.

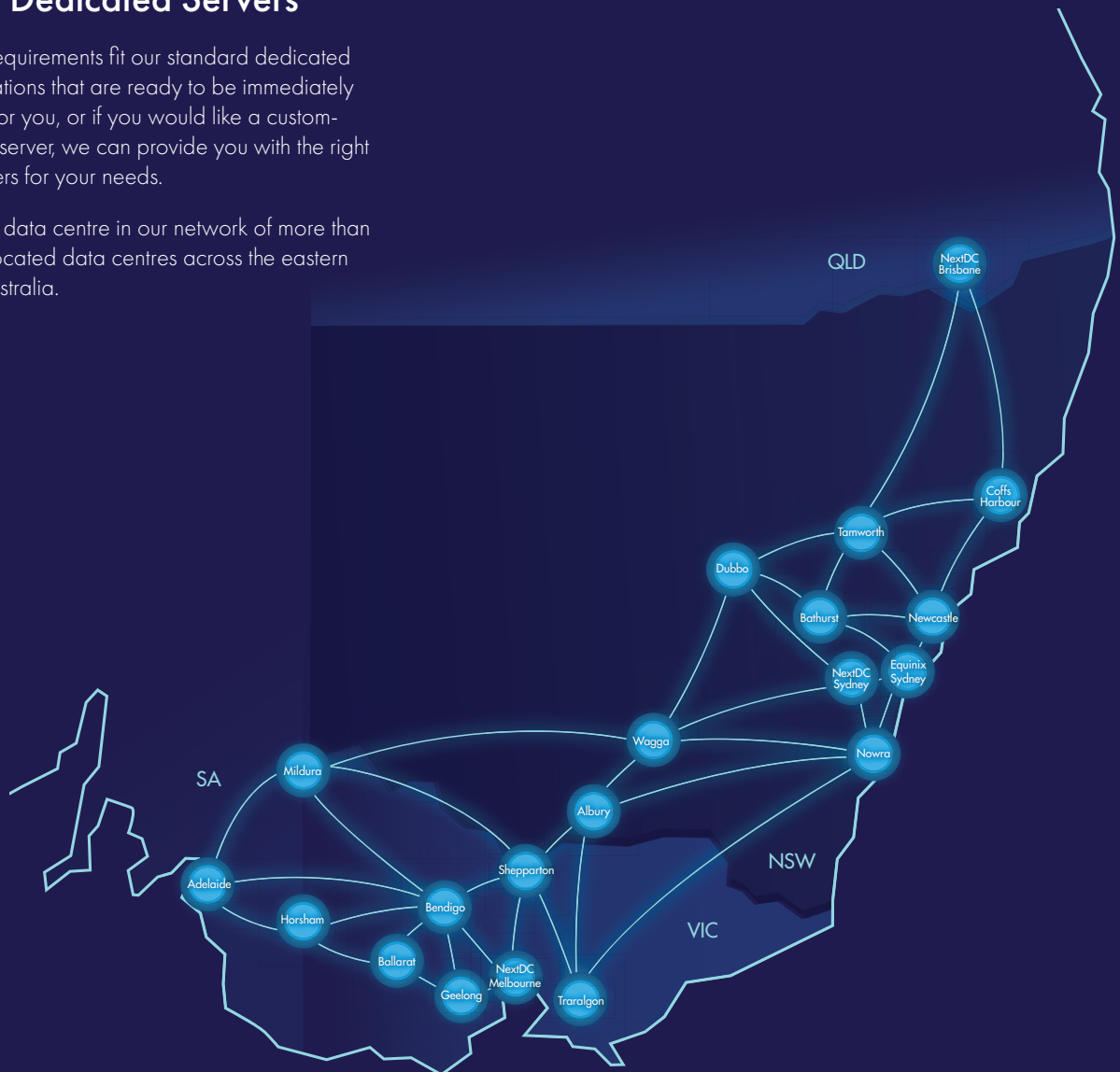


DEDICATED SERVERS

Ordering Dedicated Servers

Whether your requirements fit our standard dedicated server configurations that are ready to be immediately commissioned for you, or if you would like a custom-built dedicated server, we can provide you with the right dedicated servers for your needs.

Select from any data centre in our network of more than 30 regionally located data centres across the eastern seaboard of Australia.



Dedicated Server Features

All of our dedicated servers have the same full feature set available to them as our virtual servers.

Platform management is also the same with all platform features available to all dedicated servers on our network.



DEDICATED CLOUD

Run Your Own Cloud Server Hosting Environment Using LEDC's Cloud Orchestration Platform

Customers who require servers physically separated from any shared server resources can select dedicated physical infrastructure in our data centres that are allocated to only them. This means that whole physical servers are exclusively reserved for the client.

The major benefit of selecting physical dedicated servers from Leading Edge Data Centres as dedicated cloud servers is that we enable your dedicated server to be managed through our platform. This provides clients with the ability to create any amount of virtual servers of any resource size within the specification of the physical server.

By isolating resources onto dedicated cloud servers, clients also simplify the security compliance process where there is no sharing of resources by another entity.

