

Ziphosting Data Centre
Sydney, Australia



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World Class Data Centre

The Ziphosting data centre is located in the state-of-the-art Global Switch facility in Sydney. Global Switch Sydney is Australia's largest carrier neutral centre and offers Ziphosting customers the very best in environment, security and back-up systems.

Ziphosting offers the same high quality hosting as Netregistry, who have successfully used the Global Switch facility with outstanding results.



Ziphosting Data Centre Checklist:

- ✔ Use quality hardware and software products - including fibre channel RAID storage devices
- ✔ Ensure that there is no single point of failure with fully redundant, load-balanced web clusters
- ✔ Continuously monitor all systems and servers
- ✔ Conduct daily back-ups with offsite archives of weekly and monthly backups

High Speed Data

Through Australia's largest T1 Telecommunication Suppliers, the Ziphosting data centre features a multi-homed network consisting of several 100Mb Ethernet links.

Load Balanced, Clustered Servers

All Ziphosting services are run on IBM xSeries Servers. These are specified to be mission critical machines, scalable to incorporate the use of a RAID disk array. All of the Network equipment that is used by us is a combination of Cisco and HP and features full service contracts.

What's more our hosted websites enjoy the benefit of full load balancing across a clustered web server farm, with all the data getting stored in a fibre channel RAID array. Load balancers ensure that web requests to any website are distributed to the least busy web server machine, maximising performance 24/7.





Optimal Environment

The Ziphosting data centre maintains the highest level of building security around the clock. The centre's multiple CCTV points, secure entries and exits, as well as limited access areas are all managed by building control staff around the clock 24/7.

Redundancy

An optimal operating environment is maintained at all times. The temperature in the technical space stays at 22°C ($\pm 2^\circ\text{C}$), with a humidity range of 50% ($\pm 10\%$).

Fire detection and suppression equipment includes smoke and heat detectors in all areas, dry pipe sprinklers in technical, dry risers to all floors plus a smoke and gas clearance system.



Redundancy exists at every level with each point of failure protected by a fully automated fail-over replacement 24 hour Management of Services.



The power supply is provided through a minimum N+1 redundancy; the main power is supplied via two 33kV dedicated incomers, a diverse A&B power supply distributed at 11kV via a rotary UPS and multiple ring main circuits. All power and cooling in the data centre are supported by up to 22 rotary UPS units.

During power outages, there is an onsite diesel power generator (360,000 litre capacity) that can support the centre at full capacity for 24 hours. This is backed up by a 2 hour, 24/7 fuel delivery contract.

Around The Clock Management Of Services

Ziphosting provides a fully automated, password-protected, web-based administration panel that allows you to set up and manage your services in real-time.

This means that with Ziphosting you can establish email accounts, install/uninstall FrontPage, automate DNS zone edits, view Invoices, access SiteXpress website builder and so much more, all of which is achievable 24 hours a day. Ziphosting provides customers with the power to instantaneously update and manage their data!