

VIRTUAL SERVERS

LeaseWeb Virtual Servers provide a powerful blend of reliability and scalability with substantial benefits for performance and responsiveness.

Our high-performance virtual servers behave just like physical servers, with all the same dedicated resources (CPU, RAM, and storage) and features (such as root/admin access, complete operating system, and reboots). They also feature our unique firewall that provides your servers with additional protection—without having to adjust settings in your instance.

They utilize our fully redundant, highly available public cloud platform that minimizes downtime in the event of any hardware failure. We take care of the hardware and infrastructure, which allows you to focus on the things that matter to you; delivering your products and services to your customers without having delay time-to-market because of legacy hardware requirements. Additionally, by replacing your physical servers with their virtual counterparts, and consolidating them, you can reduce your hardware and maintenance costs.

FEATURES

Our public cloud platforms utilize enterprise hardware and open-source technology. Our commitment is to deliver excellent quality at competitive rates—every aspect of our infrastructure reflects this commitment.

Enterprise-class hardware

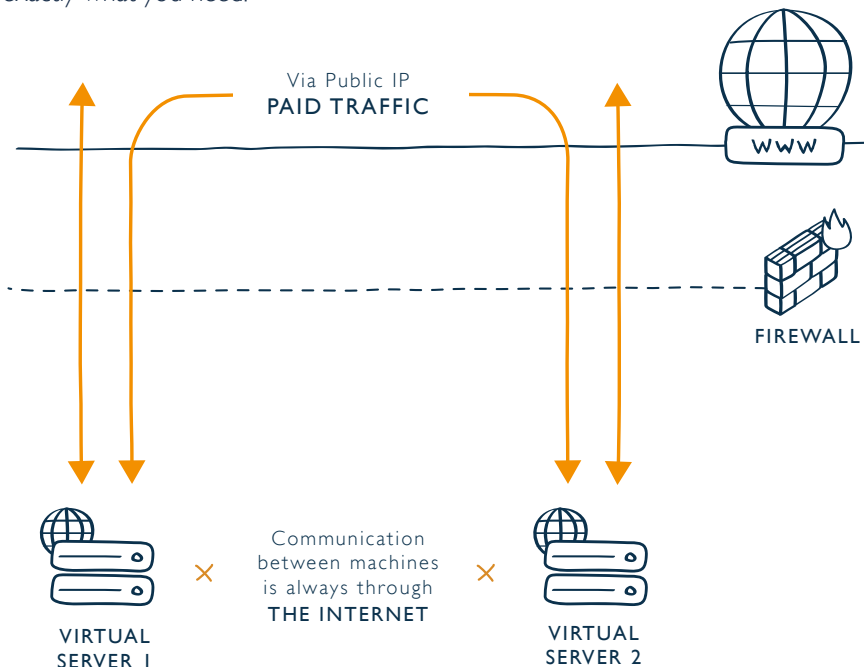
Just because our prices are competitive, it does not mean we cut corners on the hardware we use. We always use leading-brand servers from vendors like Dell, HP, and IBM—we choose between them by judging performance and quality. All components within our platform are equipped with redundancy in mind, so even in the odd case of hardware failure; you only experience the absolute minimum amount of downtime.

State-of-the-art network

Our public cloud platforms connect to the LeaseWeb Premium Network, which includes access to 33 IXs and 52 PoPs, provides a core uptime of 99.9999%, with an available bandwidth of 4.0 Tbps. All our cloud setups connect to different physical routers using multiple 10GE connections. We also implement all networking equipment at least twice within our cloud pods to ensure that any hardware failure on switches or routers does not affect your services.

Redundant storage

To ensure a high-performance service, we built our public cloud on enterprise-class central storage systems. We designed our storage with redundancy and performance in mind, storing all of your data twice over different racks. We use the fastest enterprise SAS drives available—and mirror them to double their performance. In case you need a short performance boost, the SSD caching layer will give you exactly what you need.



POWERFUL CUSTOMER PORTAL

You access our public cloud services through our full-featured customer portal, which gives you complete control over your virtual servers, including:

- Server management
- IP address management
- Null-routing IPs with historical overviews
- Network data-traffic graphs and reports
- SLA upgrades
- Free basic firewall configuration
- Software control panel installation
- Bandwidth and data-traffic notification set-ups

PRIMARY USE CASES

- **Testing and development:** ideal for rapid and frequent server reconfiguration and to test software or certain software configurations before actual deployment
- **Websites:** host websites that do not require load balancing rules to divide traffic
- **Email:** suitable for standard email hosting specifically for SME businesses
- **Storage:** suitable for simple storage and straightforward disaster recovery solutions

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