



DATASHEET

# Vultr Cloud Networking

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[VULTR.COM](https://vultr.com)

# Fast, secure, and affordable networking worldwide

Vultr Cloud Networking solutions provide secure and redundant global connectivity at predictable and economical prices.

Vultr Cloud Networking provides high-speed and affordable enterprise-grade connectivity solutions in Vultr's 32 global data center regions. Built with a fully redundant architecture, these solutions are designed to make reaching end users with low-latency performance simple and economical.

## Generous bandwidth allocations

Each Vultr instance typically has a generous egress bandwidth allocation (ingress is free). If egress over public internet exceeds these bandwidth caps, the overage is billed at a simple and affordable \$0.01 per gigabyte worldwide. Monitoring bandwidth usage is easy, with graphs in several places within the Vultr portal.

## IP and domain solutions

### BGP and Reserved IPs

It is easy to announce your IP space with Border Gateway Protocol on Vultr. Vultr's BGP feature enables bringing your own IP space to any of Vultr's regions, using either your own ASN or a private one assigned by Vultr.

The Vultr Reserved IP feature provides IPv4 and addresses and /64 IPv6 subnets assigned to specific Vultr cloud data center regions. Unlike regular IP addresses assigned to Vultr instances, these IP addresses remain reserved if connected instances are destroyed and can be assigned to a new instance. Existing IP addresses used by Vultr instances can also be converted to reserved.

By combining Vultr BGP and Reserved IP, Floating IPs can automatically redirect traffic among available instances, ensuring high availability.

### Vultr DNS

Vultr offers free DNS hosting for customer domains, including creating subdomains. Vultr's nameservers are on an AnyCAST network, ensuring fast DNS resolution. The service is quick, free, and simple to use.

## Secure, rapid connectivity

### Vultr Firewall

The Vultr Firewall is a web-based service that filters network traffic through groups. IPv4 and IPv6 network rules enable traffic filtering for specific ports and source addresses for incoming network requests to Vultr instances.

### Vultr DDoS Mitigation

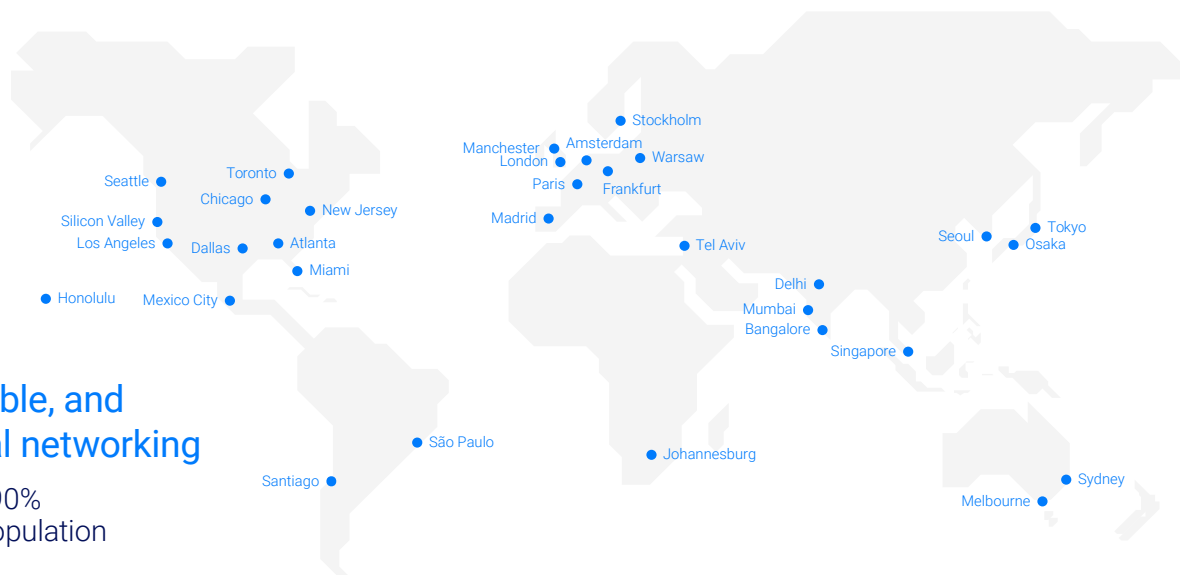
For Vultr Cloud Compute instances, Vultr monitors network traffic and automatically routes malicious activity to the Vultr attack mitigation farm when DDoS activity is detected, typically within 60 seconds. This protection occurs inside the Vultr network, ensuring no increased latency.

### Vultr VPC

Vultr VPC (Virtual Private Cloud) delivers secure and isolated private networks between instances in a Vultr cloud data center region. Vultr VPC networks can be shared or segmented in complete privacy without exposing traffic to the public internet. To connect a Vultr VPC privately to other Vultr cloud data center regions or on-prem networks, VPN gateways can be created with tools like Wireguard, available on Vultr Marketplace as a one-click deployable application. Vultr does not charge for bandwidth used between attachments in a Vultr VPC.

### Vultr Load Balancers

Vultr Load Balancers are a fully managed load balancing solution that distributes incoming traffic across multiple servers in a Vultr data center region, ensuring high availability and reliability. By automating the distribution process, Vultr Load Balancers simplify traffic management. Traffic can be distributed evenly across servers in sequence or directed to the server with the fewest active connections. Vultr Load Balancer supports automatic SSL certificate provision and management.



## Fast, affordable, and secure global networking

Vultr connects 90% of the world's population within 2-40ms

## Global networking solutions

### Vultr CDN

Vultr CDN securely accelerates content delivery globally. Using Vultr's network of 32 cloud data center regions on six continents, Vultr CDN makes it easy to cache content near users to minimize delivery latency. Both push and pull zones are available, providing choice and agility for content distribution worldwide. Vultr CDN is seamlessly compatible with WordPress and Drupal for simplified integration with common CMS platforms. It is also possible to block AI and potentially malicious bots from crawling and accessing content on Vultr CDN.

### Vultr Global Load Balancers

Global Load Balancers seamlessly distribute server requests across multiple Vultr cloud data center regions, automatically redirecting requests to the geographically nearest server. This delivers improved performance through faster response times and high availability, ensuring services remain operational even during a regional network outage.

### Vultr Direct Connect

Vultr Direct Connect, extended through Vultr Cloud Alliance partners [Console Connect](#) and Megaport, provides dedicated high-speed private physical network connections between Vultr's cloud data center regions and other cloud or on-prem data centers. Priced based on hourly usage at an economical rate, Vultr Direct Connect makes it simple to set up flexible multicloud or hybrid cloud solutions.

### Console Connect Edge SIM

Vultr also offers access to Console Connect's Edge SIM, which provides rapid, low-latency private network connectivity between [IoT devices](#) and Vultr's cloud data center regions.

## Connectivity for modern businesses

Vultr's advanced, enterprise-grade Vultr Cloud Networking solutions provide secure, low-latency performance at affordable and predictable prices. Designed to support business-critical applications, Vultr networking is built to provide the control and connectivity modern businesses need to deliver their applications to end users. With a global footprint, Vultr's network of worldwide data centers ensures customers can reach their market with low latency and high performance.

Learn more about  
**Vultr Cloud Networking**

Contact us at [vultr.com](https://vultr.com) to get started.

