

Create VPN on VPS Hosting Servers in LightNode

Are you looking for a VPN to view pages or play games? We'll provide a stable VPN for you. Just take a look in LightNode.



Hong Kong, Hong Kong S.A.R. Jul 15, 2022 ([Issuewire.com](https://www.issuewire.com)) - Are you looking for a VPN to view pages or play games? We'll provide a stable VPN for you. Just take a look in LightNode.

About us

[LightNode](#), a VPS hosting server provider, provides more than 20 locations in the world. Our company was established in 2002. Now I will show you why we need to create a VPN on VPS.

What is a VPS?

VPS stands for Virtual Private Server. [VPS hosting](#) uses virtualization technology to split a single physical server into several different virtual servers. This allows users to have better access to server resources and to expand the virtual server when needed. Because it is a virtual server, users are not limited by a single physical server. In addition, because it is a private server environment, users do not share server resources with other users. That is, users, share physical servers, but with virtualization technology, there is no overlap in the use of servers.

What is VPN?

VPN stands for Virtual Private Network. Essentially, a VPN creates a private and secure network, which then extends to the entire network connection. It provides a way for users to remain anonymous online

while protecting any data that is passed over that connection. Once the user has used the VPN software of choice, the VPN client will automatically encrypt any data sent over the network connection. Before any data passes over the network connection, it will first pass through the VPN, which will then encrypt the communication and pass it on. Any online portal that the user ends up using will see that the data being transmitted is coming from the VPN server, not from the home network.

What VPN can do?

1. Hide IP address

An IP address is equivalent to your identity card in the Internet, the loss of your identity card may cause personal privacy leaks, and criminals may use your identity to do bad things. For the same reason, once the IP address is leaked, the consequences are endless, so when you go online, you must protect your IP address, and VPN is an effective way to hide the IP address, so no one can know your real address, privacy and security is more secure, it can be said that this is one of the most important VPN uses.

2. Virtual Location

What is virtual positioning? Simply put, it is to change the location of your phone. Whether you use an Android or Apple phone, a VPN can help you easily change your phone's location. By switching VPN servers, one second you are in your own country, and the next second you can roam to Paris. In addition, some games require your phone to be positioned in your home country to log in, with the virtual VPN positioning, you can log in to the games in any country.

3. Encrypt your online browsing history

When you connect to VPN, your online data transmission is encrypted, no matter what website you visit and what information you enter (this may include your bank account, email password, etc.), others can't see it.

Some of you may be worried, can a VPN see the browsing history? If it can, it is considered to be the east wall to mend the west wall, the promised protection of privacy is not a joke. However, not all VPNs are secure. When deploying a VPN, deploy the zero-log feature at the same time.

4. Protect public wifi security

Free public Wi-Fi in airports, cafes, milk tea stores, and other places is convenient, but there are risks. Hackers may be lurking in the shadows waiting for an opportunity to peek at your credit card information, account login information, and sensitive confidential transactions. If there is value, they will find it and sell it. In addition to hackers, advertisers are very interested in learning about your online and offline habits. In this information age, data is valuable, and your privacy is less important.

Your privacy can only be protected by you, so be sure not to expose your personal information easily in a public free Wi-Fi environment, and don't enter your credit card or account login information when you are on a Wi-Fi connection. But with a reliable VPN, things become much easier and you don't have to switch back and forth between networks.

5. Remote work

Generally speaking, the network used inside a large company is not connected to the external network,

and hackers outside the company cannot access this network so that the company's confidential data is safe. When employees are away on business trips, it is impossible to use the company's private line again, and VPN is needed to ensure the safety of data transmission.

In recent years, due to the new crown epidemic, many companies are quietly changing the way they work, and more and more companies support working from home, and VPN is the most basic security guarantee for employees to work remotely.

Why create a VPN on a VPS?

Creating a VPN on a VPS has the following benefits.

1. Stability

If you are planning to choose a VPN, then stability is very important, which will affect your internet connection and directly affect your internet experience. If you need to operate online activities frequently, then a stable VPN link is very crucial.

2. Exclusive and secure

As with shared hosting and VPS, purchased VPNs and most free VPNs are used by many people at the same time, the line is very unstable and often blocked because no one will know what others are doing with this VPN, so the IP is easily blocked. The VPS that you buy will not have this trouble, you can deploy an exclusive and secure VPN.

3. Easy to operate

Now it is relatively simple to create a VPN on a VPS, there are many one-click deployment scripts on forums or git, and many of them are relatively mature, just follow the documentation on deployment, and support a variety of operating system deployments, and you do not need to know too much about technology to be able to deploy successfully.

Why choose [LigthNode VPS](#)?

1. We have 20+ data centers worldwide with rich industry experience and we will have more nodes worldwide in the future.

2. 99.9% online time guarantee, your VPS will be up and running most of the time.

3. Optional network traffic package, you can choose your own traffic package according to your actual usage, so you can buy the most suitable service at the lowest price.

4. Support VPN service, our VPS supports the use of VPN technology, by setting up a VPN to achieve the function of the game gas pedal.

5. High performance, able to provide a stable VPN connection, thus allowing you to browse web videos more smoothly.

You can get a speed test here: [Cambodia VPS Speed test](#).

FAQ

How does VPN work?

1. When you connect to a Virtual Private Network service, it will authenticate the client through the VPN server.
2. The server applies an encryption protocol to all the data you send and receive.
3. The VPN service will create an encrypted "tunnel" over the Internet. This tunnel will protect the data transmitted between you and the destination.
4. To secure each packet, the VPN packages it in an external packet, which is then encrypted by encapsulation. The external packet is the core element in the VPN tunnel that will secure the data in transit.
5. When the data reaches the server, the external packet is removed through a decryption process.

Difference between VPS, Dedicated Server, and Shared Hosting

1. Shared hosting

Shared hosting is based on a hosting server that is divided into multiple virtual hosts, capable of providing web pages for multiple websites, each website has a corresponding domain name, and these websites share the resources on this hosting server such as CPU time, hard disk space, etc. Shared hosting is also the cheapest hosting option on the market because of this reason, but also because of this reason, it can sometimes cause slow, sluggish access to websites, etc.

2. Dedicated server

A dedicated server is the opposite of shared hosting, it is exclusively personal hosting, in the implementation of speed has the absolute advantage, but also has a lot of flexibility, individuals can host multiple websites, but the cost is higher;

3. VPS hosting

VPS hosting is Virtual Private Server hosting, is a virtual exclusive hosting, between shared hosting and independent hosting, users can have a relatively free server environment, in the execution of speed and independent hosting similar also has a lot of flexibility, while the cost is also lower than the cost of independent hosting.

What is the site-to-site VPN?

Site-to-site VPN securely connect multiple networks by encrypting information and providing secure tunnels between them. These networks can be those of different branch offices of a company or those of partner companies.

These VPN services are mainly used by companies with multiple physical remote offices where employees need secure access to the company network. They also use this to consolidate branch office networks for a seamless working experience.

The secure links between networks established using site-to-site VPNs are usually permanent IPsec connections. These connections are encrypted for all communications that occur and are always operational.

You can see the [regional article](#).

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