

Use of Virtual Private Network (VPN) in the Real World

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In brief

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The word VPN is familiar to almost everyone who uses internet nowadays. With the growth of technology, new and advanced features and options being available in the field of Internet also. On the other hand, threats are increasing day by day. Anyone using the internet are at the risk of being monitored and hacked. In this case, the most important term comes in between is the Virtual Private Network (VPN).

What is a VPN?

In simple words, VPN acts as a middle layer secure private network between the user and the public internet. Using a VPN anyone connected to the internet is being connected to a private network and all the communication from the local machine whether it is a PC or a mobile to the public internet is made through those particular private network. Here, the data from the system and the system is encrypted by the VPN service and it cannot be tracked or hacked by any external person.

What makes it different from normal Connection?

If you are connected to the internet without any VPN, then there will not be any encryption on the data. All the data are passed through the internet without encryption and thereby it can be monitored by the ISP and even hacked by a hacker very easily.

Read: [How to Choose a Best Internet Connection for Home or Office](#)

As mentioned, in VPN the data is being encrypted, so if someone tries to monitor them cannot read it directly. It requires them to have certificate and login username and password to access it, which is not at all with them. Thus it increases the security of one who uses the internet.

What is the use of VPN?

VPN have so many uses when it comes to real world. In banks and other security based services, they have to use VPN services to create a private network, so that the data will not be open to the public. Other security areas such as military, even in hospitals etc they use VPN to double the security.

When it comes to the users, other than safety some other purpose like accessing geo restricted contents or to access blocked content, people use VPN. With the increased popularity in content streaming services, people always tries to access the restricted content from a different country. This can be achieved by VPN. If you go to play store and search for a VPN for android phones, you can see a large number of free and paid applications to download.

Is it safe to use VPN?

It is always safe to use VPN, but you need to know certain things before choosing any VPN applications. Even Though VPN adds extra security, in some countries the use of VPN is banned. So, if you are in one of those, we don't recommend you to use them. Secondly, you will get a large number of free VPN services for android and iOS mobile phones, from both Play store and App store. But we recommend you to use any trusted VPN service such as Expressvpn, NordVPN, etc.

Read: [How to Make Your Kids' Devices Safe](#)

Most of the free VPN doesn't uses full encryption, also free vpn provides a completely slow server in which your internet experience may be affected. Also, most free VPN service show advertisement, and you have to see some videos or sometimes wait for few minutes to initiate a connection.

So always choose the most secure and fast VPN service if you really need it.

Problems with VPN

As mentioned above, if you download any free vpn on your mobile or in your PC, you may not get a full speed connection while using the VPN. In VPN, the connection is being established through the VPN server, so if the VPN server is not fast enough, you may experience very slow internet speed.

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