

5NINES

WHAT TO CONSIDER WHEN CHOOSING YOUR INTERNET PROVIDER?

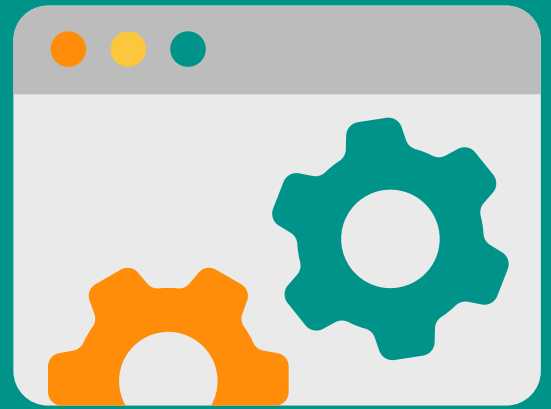


LATENCY

Latency is a time delay between a moment the message was sent and received. Lower latency is better. For gaming, audio and video streaming services ideal would be low latency network. You will experience minimum or no delay or lag between your action and its result on your display.

AVAILABILITY

Some Internet Service Providers (ISPs) don't manage their networks well, meaning their users experience a lot of downtime. A high availability for internet connection means a provider conducts regular network monitoring and testing to address any disruption that can stop users from accessing the Internet.



SYMMETRY



A symmetrical internet connection offers the same download and upload speeds. E.g., if you use 100Mbps symmetrical speed internet service, you can upload and download at 100Mbps. For businesses that transfer large amount of data symmetrical upload and download speeds are critical. If you work with large data files you want to minimize the time between downloading and uploading files for you internal and external users.

OVERSUBSCRIPTION RATE

Some providers buy a big pipe to the Internet, and then, they try to resell it to as many subscribers as possible. Usually selling way more access than they can deliver. The more subscribers they have, the more money they will make, and the more likely their customers will have poor network response. The amount of overpacking is called "over-subscription rate." ISP over-subscription rates are often in range of 25:1 or 50:1 or even 100:1, which means the ISP is selling 100 times more access bandwidth than they are purchasing in uplink bandwidth.

