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Some important things you need to check if you experience slow internet speeds

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Dear BSNLians,

From my experience with the Broadband section during my posting at Mohali, i have compiled few points that can give stability & speed to the existing Broadband connection. The knowledge was collected from my Seniors, Colleagues & Customers.
Infact, it will help our esteemed end User or Broadband Engineer in troubleshooting an ADSL Internet connection having speed or stability issues.

The article was written in good faith and in the Interest of my beloved company- BSNL who is in fact our "Bread 'n' Butter".

I sent my self written article to one of the most popular website and they are kind enough to republish it on their portal for their lakhs of readers. I am sure this will help my BSNL directly or indorectly.
You may pls open the below link and have a look at the article. I tried to attempt my best and I hope you may love Reading it & Sharing with the other like minded people.
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Troubleshoot Slow Internet Connection – Comprehensive Guide for BSNL Broadband Users

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A slow connection is every Broadband User's nightmare. Everyone wishes to enjoy Internet connection at the ISP promised speed. However, due to several depending factors this does not happen, and ISPs promise speeds **up to XX Mbps** for this reason. Here are certain important things you need to check if you experience slow internet speeds. Today, in a friendly gesture towards Telecom TALK readers, Mr. Bandhan Preet Singh, Computer Engineer at BSNL has shared a troubleshooting guide which will help you find the cause of slowness of your Internet

connection. **We appreciate Bandhan's efforts in coming up with this comprehensive guide and thank him for sharing it with us**. Also, folks who read BSNL stories here would instantly recognize Bandhan as the BSNL employee who responds to comments.

SNR, Attenuation Value

SNR (Signal to Noise Ratio) value at Downstream must be greater than 13 dB. Attenuation value at Downstream must be less than 45 dB. See DSL Line Parameters in Modem Interface Page under heading Overview or Device Info or Status or Statistics.

MTU (Maximum Transmission Unit)

Almost all MTU sizes (like 1500, 1492 or 1480) give good speed performance among all website browsing and downloading. 1492 is recommended.

ADSL Splitter

ADSL Splitter must be used on a Telephone Line at the subscriber premises if the user is having a Broadband connection. Modem must be fed with pure ADSL signal. Use Multiple Telecommunication devices only after Splitter

Interferences

Telephone Line Path should be away from any kind of lines and devices which create an electromagnetic field. All the Connecting Terminals or Points must be Clean and free from Rust/Dust/Carbon. A noise free line is recommended

Devices

A good quality modem with wiring is highly recommended.

Bridged or PPPoE

PPPoE (Always ON) settings are less stable than Bridge (Dial-up) settings. In cases where you are unable to connect well most of the times, switch to Bridged.

DNS Addresses would play a great role when it comes to opening all websites. You must consider using Google DNS or Open DNS for better experience.

- Google DNS: Configure your network settings to use the IP addresses 8.8.8.8 and 8.8.4.4 as your DNS servers

- Open DNS: 208.67.222.222, 208.67.220.220

Right Plan for Right Purpose

One should use right broadband plan for the right kind of activity. If you use only email and social networking sites, cheaper plans with smaller FUPs would be sufficient. For video streaming and lot of content downloads you must opt for larger FUPs which will cost more.

Last but not the Least, Wires and connections installed in Pillars and DP boxes should be free from Dust and Rust for good line parameters.

Find full article here

http://punjab.bsnl.co.in/bandhan_bb1.htm

Check here for Tamilnadu BB latest tariff

Latest Landline & Broadband tariff Multi color Notice (Mar 2014)