

FREESCO 0.3.x: Some sites unreachable?

if you are using pppoe, you need to either:

- lower your client's MTU to 1492
- **enable Freesco's MSS clamping.**

Client's MTU

The FREESCO zip distribution file include another zip file named **pppoe4freesco.zip** in which there are 2 registry patch files: one for Windows 9x/ME and another for 2000/XP. Merge one of them in each of your Windows clients behind Freesco. See [my pppoe webpage](#) near the end for further detailed explanations. In that web page, you'll also see, at the very end, how to lower a Linux box's MTU.

MSS clamping

Instead of having to lower each client's MTU to 1492, you can enable Freesco's MSS clamping option. What this does is that it instruct the pppoe module to rewrite every packets from 1500 bytes down to 1492 bytes. This is more cpu intensive but if you have only a few clients with normal traffic... like if only web browsing, taking your mail, and stuff. If you host a heavy traffic web or ftp servers, than MSS clamping is to be avoided. MSS clamping offers the advantage of leaving all the clients to their default network settings.

To enable MSS clamping, go in the setup, choose 62. Network settings -> 630. ClampMSS.

If you don't use pppoe, then all this is NOT for you and the problem lies somewhere else!

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Author: Technojunky

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