

Re: router stress testing tools

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We do Router performance and protocol testing on a constant basis (New products and new software for an existing range) and use Ixia chassis extensively. They can be a little temperamental, but the scriptability, flexibility and options are fantastic.

Things like setting up a max number of sessions is trivial and would take only a few seconds to setup and execute.

However, on a more budget level, max number of sessions should be trivial to setup. Just put hping in a loop and increase source IP and set it going. You may have to throttle slightly if you're not interested in ramp rate and want mas sessions instead – however ramp rate is probably a better (faster) indication of a DOS.

Cheers – Neil Gardner
Senior Test Engineer
Allied Telesyn Research

>>> *bill williams* <infosecgroup@gmail.com> 6/02/2005 11:01:39 a.m. >>>

I am looking for information and tools to stress test routers. Any information, white papers, tools, settings for hping, etc. would be appreciated. The incident I am trying to reproduce is related to scanning through the router and the router running out of sessions creating a DOS attack, I think? This testing is in response to yet another "your scanner brought the router, down incident" and I am sure you can imagine the rest. We do have a duplicate router in our testing facility so don't worry I am not trying to DOS anyone.

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