

Re: Problems with Router/Firewall and cable modem

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From: R Green – WoWsat.com (wow_at_wowsat.com)

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This happens with my Telus home Internet here in Canada.

Whenever my ISP would have a hiccup (ie. the connection goes down), on occasion, my SMC Barricade router will not be able to establish/grab an IP. I had to re-boot the router and on some occasion re-boot both the ADSL modem and router to get a connection.

Just my two cents.

R Green
Technical Support

WoWsat.com

"ParrotRob" <parrotrob@yahoo.com> wrote in message
news:D8xTa.36490\$8g6.570202@news1.news.adelphia.net...
> *OK, I've tried asking this in other places and no one seems to have an
> answer. Maybe some of you folks here might.*
>
> *I've been using Adelphia's "PowerLink" cable modem service for about three
> years now here at home. For obvious reasons, I installed a LinkSys router
> in between my computer(s) and the cable modem. Since that time I have
> replaced the LinkSys router with a DLink combo 4-port router and 802.11(g)
> wireless access point, and also installed a Netscreen 5XP firewall between
> the DLink and the modem. The Netscreen is primarily for work purposes
since
> I work from home and it allows me to set up VPN connections between my
home
> network and the office. I'm also using the Netscreen as my DHCP server
for
> the inside private network. So we have:*
>
> *Cable Modem -----> Netscreen -----> Router/AP -----> bunch of PC's*
>
> *No problem, right? Right – up until about a month ago when I lost my*

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- > *internet connection and couldn't get it back. In the process of*
- > *troubleshooting, I eventually got down to plugging a single PC directly*
- into
- > *the cable modem – at which point it worked JUST FINE. To this day, that*
- is
- > *still the case.*
- >
- > *Unfortunately, since that is the only configuration that Adelphia*
- officially
- > *"supports", they refuse to acknowledge that there is a problem. However,*
- > *the problem is that ANY DEVICE WHATSOEVER that is NOT a PC, refuses to get*
- > *an address from my ISP. That goes for the Netscreen, the DLink's WAN*
- > *interface, and the old LinkSys's WAN interface (yes I drug it back out to*
- > *test it). Further investigation of the Netscreen, from the command*
- prompt,
- > *finds that when I put the untrusted interface in DHCP mode, the firewall*
- is
- > *actually able to SEE a DHCP server, and even the address/subnet/gateway*
- that
- > *is offered by the DHCP server – but for some reason the interface will not*
- > *take that.*
- >
- > *Can any of you think of a reason why all of these network devices have*
- great
- > *difficulty connecting to the ISP via DHCP while a simple single computer*
- > *does not?*
- >
- > *For the record, a close neighbor (on a different router, undoubtedly) has*
- > *the same cable modem service, and all of this gear works JUST FINE at his*
- > *place – yet the cable company refuses to acknowledge that the problem just*
- > *MIGHT be on their end.*
- >
- >