

Re: Linksys BEFSX41 Odd Behavior?

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In article <1116361256.206614.24720@o13g2000cwo.googlegroups.com>, cis1188@gmail.com says...

> *Firewall Wizards,*

>

> *I've been using above mentioned router for several years now and have
> been happy with it for the most part. However, I believe I have
> narrowed down a problem I'm having to it, and wanted to know if anybody
> else has seen this. Firmware version is 1.43.3. I know there is newer
> firmware, and I might upgrade if it is strongly recommended, but my
> research on *that* shows some mixed reviews. So I'd like to save that
> option as a last resort.*

>

> *Brief description of the problem... I recently connected a Prismiq
> MediaPlayer unit to my home network. This device streams audio, video,
> and images from a media server (in my case a W2K Pro box with their
> accompanying Media Manager software installed) over a home network to a
> TV. Audio and video work fine, but the images won't display. After a
> conversation with their tech support, I learned of several ports over
> which the media server and the MediaPlayer must communicate in order
> for everything to work as advertised.*

>

> *I connected the MediaPlayer via crossover directly to the media server,
> and everything worked, including images. But with the two connected
> via the BEFSX41, no images. It is the same behavior whether I have the
> A/V software (Norton) and the firewall software (ZoneAlarm) on the
> media server enabled or disabled. The ports that need to be wide open
> between the two devices are 7777, 8081, 8080, 2498, 2650 & 554.
> However, I didn't think the BEFSX41 was supposed to in any way block
> traffic between LAN ports.*

>

> *Here is another data point. I have a 4-port dumb hub connected to the
> BEFSX41, and have both of these two devices on that hub. With the hub
> jacked into the Linksys device, images do not work, but they do if I
> disconnect the hub from the Linksys box. I suppose that's because
> everything has the Linksys box as its default gateway, so when it's in
> the loop so to speak all traffic goes to it as the next hop.*

>

> *The only thing I could see anywhere on the Linksys box management*

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- > *interface that even remotely looked like it might be involved was that*
- > *remote management (default port 8080) was disabled. However, it is my*
- > *understanding that is meant to block port 8080 requests inbound to the*
- > *WAN port, and supposedly doesn't affect 8080 traffic on the LAN side.*
- > *Just for grins, I temporarily enabled it anyway , but still no joy.*
- >
- > *Anybody got any ideas? BTW, this Prismiq unit is pretty cool, if I*
- > *could ever coax full compatibility with my network out of it. :-)*
- > *It's functionality is pretty basic, for instance the web browser is*
- > *workable if spartan, but for what it was designed to do it is pretty*
- > *slick for the money. (I don't work for Prismiq and don't know anybody*
- > *who does, although I feel like I know the tech support staff :-).*

So, if you direct cable between the box and the tv it works, even though neither device has an IP?

If the devices work when using a X-Over cable you must have assigned IP's to the devices, this means that you need to correct for the linksys IP once you put it in the picture:

Linksys

IP of Linksys 192.168.0.1 (internal network address)
Mask 255.255.255.0

Device 1 (if not DHCP ready)
IP Address 192.168.0.10
Mask 255.255.255.0
Gateway 192.168.0.1
DNS1 192.168.0.1 (or ISP's DNS1)

Device 2 (if not DHCP ready)
IP Address 192.168.0.11
Mask 255.255.255.0
Gateway 192.168.0.1
DNS1 192.168.0.1 (or ISP's DNS1)

Now, all devices connected to the LINKSYS 4 ports, hub can connect to one if needed.

Now, all devices can see each other.

DO NOT OPEN ANY PORTS ON THE ROUTER unless you want the outside world to be able to get INTO YOUR DEVICES. Port Forwarding is from External Network to Internal Network and has nothing to do with internal devices being able to see each other.

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remove 999 in order to email me

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