

Re: moving sbs network

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-12/msg03963.html>

- *From:* Dabblers <Dabblers@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sat, 23 Dec 2006 14:50:00 -0800
-

Dave

So let me recap to see if I understand your topology:

Internet
|
DSL Modem
|
TZ170 (no DHCP) Public wireless w/ DHCP?
| OPT |
| Public Wireless PCs
SBS external
SBS internal(private DHCP)
|
|
Private (switch)-----
||
| Wireless Access Point (private)
Wired PCs

I guess I'm getting a little confused with your generic terms like public wireless router e.g. is that another physical device or just the Wireless feature of the TZ170

Thanks for any clarification!

Michael

"Dave Nickason [SBS MVP]" wrote:

What I have is the DSL modem (I think mine is actually a router but it doesn't matter – the Internet connection in whatever form) connected to the WAN port. The SBS network is connected to the LAN port. In my case, the public segment is all wireless, so the public wireless router is the DHCP server for that side. If I allowed wired connections to the public network, they'd get their IPs from the same device.

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I have a private wireless network that is configured with EAP and uses certificates to connect to the SBS network. It's set in group policy to be the preferred network on the laptop. Then in the SonicWall, all traffic from the OPT port to the LAN port is explicitly blocked. So the laptops connect to the private LAN first and not the public wireless.

"Dabblers" <Dabblers@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:5AC97868-AB75-40C4-ABF1-9FF11182162B@xxxxxxxxxxxxxxxxxxxx

Dave

Thanks for this info.

Did you mean the DSL modem (not router) connects to the TZ170 WAN port?
What device is acting as the DHCP server for the public segment?

Is this a wireless unit and in this case wouldn't the WLAN be public. If so isn't that a security issue if a laptop connects both wired and wirelessly?

Thanks for further clarification.

"Dave Nickason [SBS MVP]" wrote:

IMO you need a "real" firewall instead of an inexpensive NAT device.
Personally, I'd look at a SonicWall. I have a TZ170 that has an "OPT" port that acts as a DMZ. So my SBS network is on the main LAN side of the SonicWall, and my publicly accessible network is on OPT. The SonicWall explicitly blocks all traffic between the two, so the public users don't have any access to my LAN.

So what this looks like: the DSL router connects to the TZ170 WAN port. The SBS external NIC connects to the LAN port. And the publicly available network (which in my case is wireless) connects to OPT. All the SonicWall ports and the SBS external NIC are all using fixed IP

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addresses, so DHCP
is
turned off in the SonicWall. The SBS is the DHCP server as
it should be,
and the public WAP acts as the DHCP server for the public
network.

You'll have to figure out what to do about printers. Without
giving it a
lot of thought, I guess I'd put the printer on the public
network,
punching
a hole in the firewall to allow users from the SBS network to
print to
the
public network. SonicWall will allow a firewall rule LAN to
OPT, so you
don't have to open anything to the Internet for this to work.

SonicWall has the ability to be the VPN end point, although I
don't use
it
for that. I'd look at their web site to see which model fits
closest.
It's
been a while since I bought mine, but if I remember right,
their
pre-sales
support was very good if you have specific questions for
them.

"Dabblor" <Dabblor@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote
in message
news:A6DED3C0-0A3F-4597-9550-7D4B1304C98C@xxxxxxxxxxxxxxxxxxxxx

I'm moving an SBS network from a home
office to a eral office and need
some
advice on changing the topology. The
current setup is SBS (standard, no
ISA?)
2 NIC configuration with SBS as the VPN
endpoint and DHCP server.

I would like to setup the new environment
with 2 LANs, one intranet
with
SBS
for the regular staff and another segment for
visitors and possibly

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renting
out an office to an unrelated party, although
it might be nice to share
the
printers (which are currently hosted on
SBS).

Mobile SBS users will need VPN access to
run a COM application on the
SBS
server.

Any recommendations on changing the VPN
endpoint to a router (we are
using
a
less expensive Netopia router as we had
problems with VPN passthrough
on 2
year old Linksys router when we first
installed so we are open to
purchasing
new router/firewall)? Should I keep the SBS
server with 2 NIC config as
DHCP
server and what would my topology look
like?

Thanks for any suggestions on this.