

# Re: Subnet & VLAN question

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2005-12/msg00305.html>

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- *From:* "Ed Horley" <nospamed-msnewsgroups1@xxxxxxxxxx>
  - *Date:* Wed, 14 Dec 2005 17:49:16 -0800
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Sean,

Just set up a static route on your L3 switch that points 0.0.0.0/0 to your firewall (10.1.3.2) and set a route (or multiple routes) on your firewall for your IP blocks you are running inside. Easiest would be to have a static route on the firewall that says 10.0.0.0 255.0.0.0 (all 10.x.x.x addresses should go to) -> 10.1.3.1 (the switch)

Just make sure that your L3 switch has got routing turned on – it should be mentioned somewhere in your manual on how to do that.

Regards,  
Ed Horley

"Sean" <sshahrokh@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:ulHWyHNAGHA.2984@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

>

> yes, it is.

> I assume I need a static route in the switch to route all the subnets,

> right?

>

> thanks

>

> Neteng wrote:

>> Is your switch layer3? You need something to route the subnets.

>>

>> "Sean" <sshahrokh@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

>> <news:e0V4TiMAGHA.2256@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

>>

>>>I've got a switch that setup 4 subnets.

>>>10.1.1.0/24

>>>10.1.2.0/24

>>>10.1.3.0/24

>>>10.1.4.0/24

>>>

>>>In my AD server, I have setup DHCP and the gateway for DHCP addresses is

>>>pointing to .1 of each subnet. eg. 10.1.1.0/2's gateway is setup to

>>>10.1.1.1 and 10.1.2.0/24's gateway is setup to 10.1.2.1 and so so.

>>>

>>>I have assigned the switch to be the gateway for each subnet. Therefore

## Re: Subnet & VLAN question

>>>the switch is 10.1.1.1, 10.1.2.1, 10.1.3.1, and 10.1.4.1  
>>>I have a firewall box which the internal address is 10.1.3.2  
>>>  
>>>I need to have all the subnets talk to the firewall box so it can access  
>>>the internet. Do I need a route in the switch? is this right setup?  
>>>or do I need to make the gateway in DHCP point to the firewall instead?  
>>>Any suggestions or better solution is appreciated..  
>>>  
>>>Thanks  
>>>Sean  
>>  
>>

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### • *References:*

- ◆ *Subnet & VLAN question*
    - ◇ *From:* Sean
  - ◆ *Re: Subnet & VLAN question*
    - ◇ *From:* Neteng
  - ◆ *Re: Subnet & VLAN question*
    - ◇ *From:* Sean
- 
- Prev by Date: *Re: Combiing Networks*
  - Next by Date: *Re: subnetting confusion*
  - Previous by thread: *Re: Subnet & VLAN question*
  - Next by thread: *subnetting confusion*
  - Index(es):
    - ◆ *Date*
    - ◆ *Thread*