

# Setting up multiple zenperfsnmp collectors across different hosts

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Note: The primary/central server is A and the additional one is B. Both of these servers sit behind a firewall so apache is used with the mod\_rewrite module in order to access zenoss over port 80 from the desktop.

1. Create DNS CNAMEs

Host A: "zenoss.YOURDOMAIN.com"

Host B: "B.zenoss.YOURDOMAIN.com"

2. Open the following TCP ports between Host A and Host B.

8789

8100

8080

8081

3. Configure the following daemons on B to connect to A's zenhub and appropriate monitor

zenperfsnmp

zencommand

zenprocess

zenwin

zeneventlog

zenwinmodeler

with the following in the .conf file:

monitor B.zenoss.YOURDOMAIN.com

hubhost zenoss.YOURDOMAIN.com

Create a performance monitor on host A with the name of:

"B.zenoss.YOURDOMAIN.com" or "B" (either have worked)

- Set the RenderURL to "<http://B.zenoss.YOURDOMAIN.com:80>" (or 8080 depending on your configuration)
- You can use the admin login/password for the Render User/Pass

4. Modify the `$ZENHOME/Products/PluggableAuthService/plugins/CookieAuthHelper.py` Line containing "setCookie" to the following:

```
response.setCookie(self.cookie_name, quote(cookie_val), path='/',  
domain='.zenoss.yourdomain.com')
```

5. Have Zope on B use the ZODB server on A:

Edit `$ZENHOME/etc/zope.conf` on B: Search for the `zeoclient` section and change the server to `zenoss.YOURDOMAIN.com`

6. Modify the Zenoss startup on B to the following:

Edit `$ZENHOME/bin/zenoss`:

```
#C="$C zeoctl"  
C="$C zopectl"  
#C="$C zenhub"  
#C="$C zenping"  
#C="$C zensyslog"  
#C="$C zenstatus"  
#C="$C zenactions"  
#C="$C zentrap"  
#C="$C zenmodeler"  
##C="$C zenrender"  
C="$C zenperfsnmp"  
C="$C zencommand"  
C="$C zenprocess"  
##C="$C zenmail"
```

7. Apache:

I had to change the rewrite mode to update it with the `"zenoss.YOURDOMAIN.com"` in the rule `ServerName` also needs to be `"B.zenoss.YOURDOMAIN.com"` on B and `"zenoss.YOURDOMAIN.com"` on A.

8. Remove the weekly cron job for zenoss to run `zeopack`.

Now this works...I get the graphs etc. I know I need to set the permissions for the database so events can be seen from B but I am only looking to this to work from A at the moment. I don't see B being access directly, yet.

Note: When doing an upgrade, you really should upgrade all of the servers. I'll update this How To when I do an upgrade. Remember to put back the code change in step 4.

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