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Smokeping Monitoring
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On the MASTER serveur (auth1)

1. Configure Smokeping

        Go to Smokeping's config directory

        $ cd /usr/local/etc/smokeping

        Backup Smokeping's original config as we will use a simpler configuration

        $ sudo mv config config.orig

        Download a smokeping configuration file

        $ sudo fetch http://noc.dns.nsrc.org/configs/smokeping-dns/config

        Take a look a Smokeping's configuration, it's fairly simple

        $ less config

        Edit the file, and find the sections near the bottom where
        it is written '10.20.xx.', and replace these with the IP of your
        group (if you don't yet have 3 functioning DNS servers, it's ok).

        Have a look at the rest of the file - most of the values have been
        set, but you may want to change your name & email near the top.

        Next, we will need to change Smokeping's working directory permission

        $ sudo chown smokeping /usr/local/var/smokeping

2. Enable and Start Smokeping Service

        Add into /etc/rc.conf

smokeping_enable="YES"

        Start smokeping service

        $ sudo service smokeping start


3. Apache Web Server Configuration for smokeping

        Go to Apache's working directory

        $ cd /usr/local/etc/apache22

        Create the configuration file for Smokeping:

        $ sudo vi Includes/smokeping.conf
        (or 'ee Includes/smokeping.conf', if you would rather use 'ee')

        Add the following lines to the file and save the file when done:
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Alias /smokeping/ "/usr/local/smokeping/htdocs/"

<Directory "/usr/local/smokeping/htdocs">
    Options ExecCGI FollowSymLinks
    AllowOverride None
    Order allow,deny
    Allow from all
</Directory>
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Make sure that apache is enabled in /etc/rc.conf, if not, add this
to the /etc/rc.conf (sudo vi /etc/rc.conf):

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apache22_enable="YES"
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Restart apache service for new config to take place

$ sudo service apache22 restart

Access to your smokeping via http://10.20.xx.1/smokeping/smokeping.fcgi

It will take at least 3 - 4 minutes to start receiving data.

To see DNS latency on your three nameservers click on "Service
latency" and then "DNS latency" in the menu on the left of your
screen in SmokePing.