

Smokeping

Smokeping is a very useful daemon which can run a number of checks at certain intervals. Out of the box it will perform ping tests on hosts every 5 minutes. It can however be setup to monitor websites and response/connection times.

```
apt-get install smokeping
vi /etc/smokeping/config
vi /etc/smokeping/config.d/General
#update contact and name etc.
```

Contents

- 1 Basic Config and Setup
- 2 Curl Config for Smokeping to Test Websites
- 3 DNS Test Config for Smokeping to Test Websites
- 4 Debug smokeping

Basic Config and Setup

```
vi /etc/smokeping/config.d/Targets
```

```
+ Burkesys_Cluster
menu = Burkesys Cluster
title = Burkesys Cluster

++ burkesys
menu = Burkesys
title = burkesys.burkesys.com
host = burkesys.burkesys.com

++ twister
menu = Twister
title = twister.burkesys.com
host = twister.burkesys.com
```

With some trial and error you'll get it. Apache should be setup with the following config:
/etc/apache2/conf.d/smokeping. Just go to <http://server/smokeping/smokeping.cgi> Also watch /var/log/daemon.log where the smokeping daemon will send logs.

Curl Config for Smokeping to Test Websites

```
vi /etc/smokeping/config.d/Probes
#Under *** Probes ***, you will see FPing. Add this under it.

+ Curl

binary = /usr/bin/curl
extraargs = --head
pings = 5
urlformat = http://%host%/

vi /etc/smokeping/config.d/Targets
```

Smokeping

```
++ www_burkesys
probe = Curl
menu = Burkesys (www)
title = burkesys.burkesys.com(www)
host = www.burkesys.com

apt-get install curl
#check that /usr/bin/curl exists.
/etc/init.d/smokeping restart
```

DNS Test Config for Smokeping to Test Websites

```
vi /etc/smokeping/config.d/Probes
+ DNS

binary = /usr/bin/dig
pings = 5
step = 300
timeout = 15

vi /etc/smokeping/config.d/Targets
++ ns1_burkesys_com
probe = DNS
menu = Burkesys (ns1)
title = Burkesys NS Server(ns1.burkesys.com)
host = ns1.burkesys.com
lookup = burkesys.com
server = ns1.burkesys.com

/etc/init.d/smokeping restart
```

Debug smokeping

```
/etc/init.d/smokeping stop
smokeping --debug
```