

Table Of Contents

Table Of Contents 1

Restart named (bind9) if does not respond to port 53 2

 A note about RHEL / CentOS / Red Hat / Fedora Linux 2

[Home](#) > [Faq](#) > [Bind dns](#)

Monit: Monitor BIND 9 (named) Name Server and Auto Restart SSH If It Does Not Respond

Posted by [Vivek Gite](#) <vivek@nixcraft.com>[« « Previous in series](#) ^[1]

Q. How do I monitor my BIND 9 (named) server with monit which is chrooted at /var/lib/named directory? How do I restart bind (named) server if it does not respond or dead due to any issues under Debian / Ubuntu Linux?

A. You can easily restart or send alert when bind9 is not responding under Debian / Ubuntu or UNIX like operating system using monit.

^[2]

Restart named (bind9) if does not respond to port 53

Open monitrc file, enter:

```
# vi /etc/monit/monitrc
```

Append following code, enter:

```
## bind
check process named with pidfile /var/lib/named/var/run/bind/run/named.pid
  start program = "/etc/init.d/bind9 start"
  stop program = "/etc/init.d/bind9 stop"
  if failed host 127.0.0.1 port 53 type tcp protocol dns then restart
  if failed host 127.0.0.1 port 53 type udp protocol dns then restart
  if 5 restarts within 5 cycles then timeout
```

A note about RHEL / CentOS / Red Hat / Fedora Linux

You need following code for RHEL, enter:

```
## bind
check process named with pidfile /var/named/chroot/var/run/named/named.pid
  start program = "/etc/init.d/named start"
  stop program = "/etc/init.d/named stop"
  if failed host 127.0.0.1 port 53 type tcp protocol dns then restart
  if failed host 127.0.0.1 port 53 type udp protocol dns then restart
  if 5 restarts within 5 cycles then timeout
```

Save and close the file. Restart monit, enter:

```
# /etc/init.d/monit restart
```

Continue reading rest of the *Linux Server Monitor* series (TOC):

1. [Ubuntu / Debian Linux: Install Monit Linux Server Monitoring Utility](#) ^[3]
2. [Monit: Monitor SSHD Server and Auto Restart SSH If It Does Not Respond](#) ^[1]
3. Monit: Monitor BIND 9 (named) Name Server and Auto Restart SSH If It Does Not Respond

[« « Previous in series](#) ^[1]

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URLs in this post:

[1] « « Previous in series: <http://www.cyberciti.biz/faq/monit-sshd-server-configuration/>

[2] Image: <http://www.cyberciti.biz/faq/faq/category/debian-ubuntu/>

[3] Ubuntu / Debian Linux: Install Monit Linux Server Monitoring Utility: <http://www.cyberciti.biz/faq/monit-linux-server-monitor-software-installation/>

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