

There is a great plugin for Nagios to do signature verification.

http://dns.measurement-factory.com/tools/nagios-plugins/check_zone_rrsig_expiration.html

```
$ cd /usr/local/libexec/nagios
```

Grab a copy from our local repository:

```
$ sudo fetch http://noc.ws.nsrc.org/downloads/check_zone_rrsig_expiration
```

Make the plugin executable

```
$ sudo chmod +x check_zone_rrsig_expiration
```

Test the plugin works, manually:

```
./check_zone_rrsig_expiration -Z MYTLD -W 120 -C 60
```

Ok, now we're going to create a Nagios command to use the plugin:

```
$ cd /usr/local/etc/nagios/objects
```

```
$ sudo vi commands.cfg
```

Add the following lines:

```
- - - - - copy below - - - - -  
# Copy the command_line below is one long line, not two!  
  
define command {  
    command_name    check-zone-rrsig  
    command_line    /usr/local/libexec/nagios/check_zone_rrsig_expiration -Z  
$HOSTADDRESS$ -W 90 -C 60  
}  
  
- - - - - copy above - - - - -
```

Save the file, and now we're going to create a "Host" - in reality, it's our zone, but we make Nagios believe it's testing a machine:

```
$ sudo vi objects/dns-servers.cfg
```

```
- - - - - copy below - - - - -  
  
## Define new service for checking signatures!  
  
define service {  
    use                generic-service  
    hostgroup_name     my-zones           ; The group using this service  
    service_description DNS RRSIG         ; The name of our group  
    check_command       check-zone-rrsig   ; Command to check the SIGs ?  
}  
  
# Host group for zones
```

```
define hostgroup {
    hostgroup_name    my-zones                ; Our new hostgroup
    members            MYDOMAIN                ; The zones ("hosts") - replace!
}
```

Zone 'phil'

```
define host {
    use                generic-host
    max_check_attempts 3
    contact_groups     admins
    host_name           MYDOMAIN                ; replace with your zone!
}
```

- - - - - copy above - - - - -

Now, time to verify the nagios configuration works

```
$ sudo nagios -v nagios.cfg
```

Check that there are no errors!

Time to restart Nagios

```
$ sudo service nagios restart
```

Go to the web interface, and check the services!

```
http://10.20.X.1/nagios/
```