Nagios NRPE

From SME Server

Languages:	
	English

Not reviewed:

This howto or contrib has **not** been reviewed and might contain code that could harm your installation. For more information on the review process have a look at the Development Review page.

Contents

Maintainer

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Introduction

This Document describes the installation of the Nagios Remote Plugin Executer (http://nagios.sourceforge.net /docs/3_0/addons.html#nrpe) (NRPE) installation on a SME server to be monitored by a Nagios server.

Download

Download the packages and files from http://mirror.contribs.org/smeserver/contribs/michaelw/sme7/Nagios3 /packages/ manually or run the the script wgetall (http://mirror.contribs.org/smeserver/contribs/michaelw /sme7/Nagios3/packages/wgetall) to download all in one go.

```
bash < wgetall
```

Installation

Configure the dag repositoy

The following command will configure the dag repository on SME Server.

```
/sbin/e-smith/db yum_repositories set dag repository \
Name 'Dag - EL4' \
BaseURL 'http://apt.sw.be/redhat/el4/en/$basearch/dag' \
EnableGroups no \
GPGCheck yes \
GPGKey http://dag.wieers.com/packages/RPM-GPG-KEY.dag.txt \
Visible no \
Exclude freetype,htop,iptraf,rsync,syslinux \
status disabled
```

After adding it to the database we have to update the changes to the configuration file:

```
signal-event yum-modify
```

NRPE installation

```
/usr/bin/yum --enablerepo=dag install \
 nagios-plugins \
 nagios-plugins-setuid \
 perl-Config-Tiny \
 perl-Class-Accessor
```

```
/usr/bin/yum --enablerepo=dag localinstall \
 smeserver-nagios-nrpe-*.noarch.rpm \
 smeserver-nagios-backup-*.noarch.rpm \
 perl-Nagios-Plugin-*.noarch.rpm \
 smeserver-nagios-plugins-mysql-*.noarch.rpm \
 nagios-plugins-generic-*.noarch.rpm  \
 nagios-of-plugins-*.noarch.rpm
```

NRPE configuration

Create a the NRPE configuration file /etc/nagios/nrpe.cfg. Use the nrpe.cfg provided by this conrib as a starting point. Add the IP address of your central Nagios server to the variable *allowed_hosts*. Use the local IP of the central Nagios server if you check the server over the local network or over a VPN, otherwise use the WAN IP.

Allow the central Nagios server to access the NRPE service

Add the IP address of the your central Nagios to *Local Networks* in the server-manager.

Configure the TCP wrapper. This is required for SSL connections to the NRPE.

```
config set nrpe service
config setprop nrpe HostsAllow "127.0.0.1 NAGIOS_CENTRAL_SERVER_IP"
expand-template /etc/hosts.allow
```

Allow the Nagios plugins to be executed as root (optional)

A few plugins only work when they are executed as root. This configures the *sudoers* configuration.

```
config setprop nrpe sudoPlugins yes
expand-template /etc/sudoers
```

Start the service

```
service nrpe restart
```

If the NRPE SME server is behind a firewall, you must forward port 5666/tcp to the server.
Test the installation by running this command on the central Nagios server:

```
/usr/lib/nagios/plugins/check_nrpe -H IPADDRESS
```

Expected result:

```
NRPE v2.5.1
```

Uninstall

This removes the installed Nagios packages.

```
service nrpe stop
```

```
rpm -e \
 nagios \
 smeserver-nagios-nrpe \
 smeserver-nagios-backup \
 nagios-plugins-nrpe \
 nagios-of-plugins \
 nagios-plugins-generic \
 nagios-plugins-setuid \
 nagios-plugins-temptrax \
 perl-Nagios-Plugin \
 smeserver-nagios-plugins-mysql
```

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Categories: Needs review | Contrib | Webapps | Administration

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