**INSTALANDO O NAGIOS NO CENTOS 7**

# Adicionar o repositório do mysql server

sudo rpm -Uvh <http://dev.mysql.com/get/mysql-community-release-el7-5.noarch.rpm>

# Instalando as dependencias

yum install httpd php php-cli gcc glibc glibc-common gd gd-devel net-snmp

yum groupinstall "Development Tools"

# Instalando as dependencias do Nagiosql

yum install -y libssh2 libssh2-devel mysql mysql-server php-mysql

# Crie os usuaŕio e os grupos

useradd nagios  
passwd nagios

groupadd nagcmd

usermod -a -G nagcmd nagios

usermod -a -G nagcmd apache

# Download e instalação do nagios

cd /opt/  
wget http://prdownloads.sourceforge.net/sourceforge/nagios/nagios-4.2.4.tar.gz  
tar xzf nagios-4.2.4.tar.gz  
cd nagios-4.2.4  
./configure --with-command-group=nagcmd  
make all  
make install  
make install-init  
make install-config  
make install-commandmode

# Configura o apache para uso do nagios

make install-webconf

# Configura a autenticação do usuário no Nagios

htpasswd -c /usr/local/nagios/etc/htpasswd.users nagiosadmin

# Reinicia o apache

service httpd restart

# Configura o nagios-plugins

cd /opt  
wget http://nagios-plugins.org/download/nagios-plugins-2.1.4.tar.gz  
tar xzf nagios-plugins-2.1.4.tar.gz  
cd nagios-plugins-2.1.4

./configure --with-nagios-user=nagios --with-nagios-group=nagios

make && make-install

# Valide se as configurações do nagios estão ok antes de reiniciar.

usr/local/nagios/bin/nagios -v /usr/local/nagios/etc/nagios.cfg

service nagios start

# Configurar inicialização automática

systemctl enable nagios

systemctl enable httpd

OU

# Instalando via gerenciador yum

yum install -y nagios nagios-common nagios-plugins-all

Configurado <http://ip_do_servidor/nagios/>

**INSTALANDO O MK\_LIVESTATUS**

# fazer Download do pacote check\_mk-1.2.6p16.tar.gz em /tmp/

cd /tmp/ && tar zxvf check\_mk-1.2.6p16.tar.gz

cd check\_mk\*

./setup

# As configurações usadas por mim foram

You have chosen the following directories:

Executable programs /usr/bin

Check\_MK configuration /etc/check\_mk

Check\_MK software /usr/share/check\_mk

documentation /usr/share/doc/check\_mk

check manuals /usr/share/doc/check\_mk/checks

working directory of Check\_MK /var/lib/check\_mk

extensions for agents /usr/lib/check\_mk\_agent

configuration dir for agents /etc/check\_mk

Name of Nagios user nagios

User of Apache process apache

Common group of Nagios+Apache nagios

Nagios binary /usr/sbin/nagios

Nagios main configuration file /etc/nagios/nagios.cfg

Nagios object directory /etc/nagios/conf.d

Nagios startskript /usr/sbin/nagios

Nagios command pipe /var/spool/nagios/cmd/nagios.cmd

Check results directory /var/log/nagios/spool/checkresults

Nagios status file /var/log/nagios/status.dat

Path to check\_icmp /usr/lib64/nagios/plugins/check\_icmp

URL Prefix for Web addons /

Apache config dir /etc/httpd/conf.modules.d

HTTP authentication file /etc/nagios/passwd

HTTP AuthName nagiosadmin

PNP4Nagios templates /usr/share/check\_mk/pnp-templates

RRD files /var/lib/nagios/rrd

rrdcached socket /tmp/rrdcached.sock

compile livestatus module yes

Nagios / Icinga version 4.0.8

check\_mk's binary modules  **/usr/lib/check\_mk**

Unix socket for Livestatus **/var/spool/nagios/cmd/live**

Backends for other systems /usr/share/check\_mk/livestatus

Install Event Console no

# Reinicie o nagios e o apache

service nagios restart

service httpd restart

# Pare o nagios e ediite o arquivo nagios.cfg

service nagios stop

vim /etc/nagios/nagios.cfg

broker\_module=/usr/lib/check\_mk/livestatus.o /var/spool/nagios/cmd/live

event\_broker\_options=-1

# inicie o nagios e acompanhe os logs

**[1486913051] Event broker module '/usr/lib/check\_mk/livestatus.o' initialized successfully.**

**INSTALANDO O NAGIOSQL**

# Instalando as dependencias do Nagiosql

yum install -y libssh2 libssh2-devel mysql mysql-server php-mysql

cd /usr/share/nagios/html  
wget http://sourceforge.net/projects/nagiosql/files/nagiosql/NagiosQL%203.2.0/nagiosql\_320.tar.gz  
tar xzf nagiosql\_320.tar.gz  
mv nagiosql32 nagiosql  
chown -R nagios:nagios .  
chmod -R 775 .

# Edita o arquivo do php.ini definido o timezone (https://php.net/manual/en/timezones.php)

vi /etc/php.ini

date.timezone = 'America/Sao\_Paulo'

# Editar o arquivo do apache do nagios

vim /etc/http/conf.d/nagios.conf

Alias /nagiosql "/usr/share/nagios/html/nagiosql"

# Restart no apache

service httpd restart

# Configurado

<http://192.168.0.125/nagiosql/>

# agora precisamos configurar o banco de dados

mysqladmin -u root password \*\*\*\*\*\*\*

**INSTALANDO O NAGVIS 1.8.5**

**Link** : http://www.nagvis.org/share/nagvis-1.8.5.tar.gz

# Instalando as dependências

yum install php-gd php-mbstring php-pdo graphviz graphviz-graphs perl-GraphViz graphviz-doc rsync -y

# Após feito o download, extraia o arquivo.

tar -xvzf nagvis-VERSION.tar.gz

cd nagvis-VERSION  
./install.sh

# Informar o html do nagios e onde ficará a do nagvis

+--- Checking paths -----------------------------------------------------------+

| Please enter the path to the nagios base directory [/usr/sbin/nagios]: /usr/share/nagios/html

| nagios path /usr/share/nagios/html found |

| Please enter the path to NagVis base [/usr/sbin/nagvis]: /usr/share/nagios/html/nagvis

| |

….

| Checking Backends. (Available: mklivestatus,ndo2db,ido2db) |

| Do you want to use backend mklivestatus? [y]:

| Do you want to use backend ndo2db? [n]:

| Do you want to use backend ido2db? [n]:

| Livestatus Socket (/usr/share/nagios/html/var/rw/live) MISSING |

| Valid socket formats are: tcp:127.0.0.1:7668 or unix:/path/to/live |

| Please enter your MKLivestatus socket: **unix:/var/spool/nagios/cmd/live**

| PHP Module: sockets compiled\_in found |

| Graphviz Module circo 2.30.1 found |

| Graphviz Module fdp 2.30.1 found |

| SQLite 3.7 found |

| |

# configurar as permissões e reiniciar o servidor web

chmod 775 /usr/lib/check\_mk/llivestatus.o

chown nagios: /usr/lib/check\_mk/llivestatus.o

chown nagios: /usr/share/nagios/html/ -R

chmod 775 /usr/share/nagios/html/ -R

# Credenciais padrão admin:admin