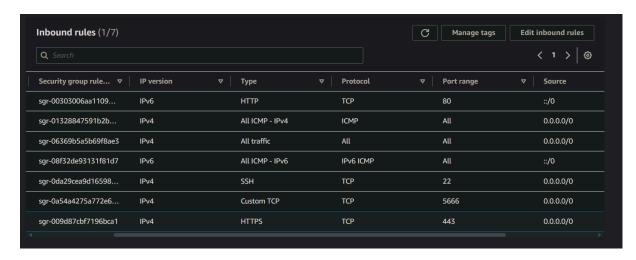
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Package	Architecture	Version	Repository	Siz
Installing:				
gcc	x86_64	11.4.1-2.amzn2023.0.2	amazonlinux	32
Installing dependencies:				
annobin-docs	noarch	10.93-1.amzn2023.0.1	amazonlinux	92
annobin-plugin-gcc	x86_64	10.93-1.amzn2023.0.1	amazonlinux	887
срр	x86_64	11.4.1-2.amzn2023.0.2	amazonlinux	10
gc	x86_64	8.0.4-5.amzn2023.0.2	amazonlinux	105
glibc-devel	x86_64	2.34-52.amzn2023.0.11	amazonlinux	27
glibc-headers-x86	noarch	2.34-52.amzn2023.0.11	amazonlinux	427
guile22	x86_64	2.2.7-2.amzn2023.0.3	amazonlinux	6.4
kernel-headers	x86_64	6.1.109-118.189.amzn2023	amazonlinux	1.4
libmpc	x86_64	1.2.1-2.amzn2023.0.2	amazonlinux	62
libtool-ltdl	x86_64	2.4.7-1.amzn2023.0.3	amazonlinux	38
libxcrypt-devel	x86_64	4.4.33-7.amzn2023	amazonlinux	32
make	x86_64	1:4.3-5.amzn2023.0.2	amazonlinux	534
Transaction Summary				

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omplete! [ec2-user@ip-172-31-2-207 ~]\$ sudo yum install gd gd-devel Last metadata expiration check: 0:02:22 ago on Sat Oct 12 09:34:48 2024. Dependencies resolved. Size Package Architecture Version Repository Installing: 2.3.3-5.amzn2023.0.3 2.3.3-5.amzn2023.0.3 139 k 38 k x86 64 amazonlinux Installing dependencies: 1.0.9-4.amzn2023.0.2 1.0.9-4.amzn2023.0.2 1.0.8-6.amzn2023.0.2 314 k x86_64 amazonlinux 314 k 31 k 214 k 684 k 16 k 273 k x86_64 x86_64 x86_64 x86_64 amazonlinux amazonlinux bzip2-devel 1.17.6-2.amzn2023.0.1 3.22.2-1.amzn2023.0.4 amazonlinux amazonlinux make-filesystem 3.22.2-1.amzn2023.0.4 2.13.94-2.amzn2023.0.2 2.13.94-2.amzn2023.0.2 1:2.0.5-12.amzn2023.0.2 2.13.2-5.amzn2023.0.1 fontconfig fontconfig-devel fonts-filesystem amazonlinux amazonlinux x86_64 x86_64 noarch x86_64 amazonlinux amazonlinux 9.5 k 423 k freetype freetype-devel x86_64 x86_64 2.13.2-5.amzn2023.0.1 2.74.7-689.amzn2023.0.2 amazonlinux amazonlinux 912 k 486 k alib2-devel 2.74.7-689.amzn2023.0.2 20201206-2.amzn2023.0.2 20201206-2.amzn2023.0.2 1.3.14-7.amzn2023.0.2 google-noto-fonts-common google-noto-sans-vf-fonts amazonlinux amazonlinux noarch 492 noarch x86_64 x86_64 amazonlinux amazonlinux 97 k 21 k

```
[ec2-user@ip-172-31-2-207 ~]$ sudo adduser -m nagios
[ec2-user@ip-172-31-2-207 ~]$ sudo passwd nagios
Changing password for user nagios.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
BAD PASSWORD: The password sis shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[ec2-user@ip-172-31-2-207 ~]$ sudo groupadd nagcmd
[ec2-user@ip-172-31-2-207 ~]$ sudo usermod -a -G nagcmd nagios
-bash: udo: command not found
[ec2-user@ip-172-31-2-207 ~]$ sudo usermod -a -G nagcmd nagios
[ec2-user@ip-172-31-2-207 ~]$ sudo usermod -a -G nagcmd apache
[ec2-user@ip-172-31-2-207 ~]$ sudo usermod -a -G nagcmd apache
[ec2-user@ip-172-31-2-207 ~]$ sudo usermod -a -G nagcmd apache
[ec2-user@ip-172-31-2-207 ~]$ sudo usermod a -G nagcmd apache
[ec2-user@ip-172-31-2-207 ~]$ sudo usermod sourceforge.net/sourceforge.net/sourceforge/nagios/nagios-4.0.8.tar.gz

Resolving prdownloads.sourceforge.net (prdownloads.sourceforge.net/sourceforge.nagios/nagios-4.0.8.tar.gz

Resolving prdownloads.sourceforge.net (prdownloads.sourceforge.net)... 204.68.111.105

Connecting to prdownloads.sourceforge.net/project/nagios/nagios-4.0.8.nagios-4.0.8.tar.gz [following]

-2024-10-12 09:41:05- http://downloads.sourceforge.net/project/nagios/nagios-4.x/nagios-4.0.8.tar.gz [following]

-2024-10-12 09:41:05- http://downloads.sourceforge.net/project/nagios/nagios-4.x/nagios-4.0.8.tar.gz?viasf=1 [following]

Resolving downloads.sourceforge.net (downloads.sourceforge.net)... 204.68.111.105

Reusing existing connection to prdownloads.sourceforge.net/project/nagios/nagios-4.x/nagios-4.0.8.tar.gz?viasf=1 [following]

-2024-10-12 09:41:05- http://downloads.sourceforge.net/project/nagios/nagios-4.x/nagios-4.0.8.tar.gz?viasf=1 [following]

-2024-10-12 09:41:05- http://excellmedia.dl.sourceforge.net/project/nagios/nagios-4.x/nagios-4.0.8.tar.gz?viasf=1 [following]

-2024-10-12 09:41:05- http://excellmedia.dl.sourceforge.net/project/nagios/nagios-4.x/nagios-4.0.8.tar.gz?viasf=1 [follo
```

```
*** Configuration summary for nagios 4.0.8 08-12-2014 ***:
General Options:
       Nagios executable:
                           nagios
       Nagios user/group: nagios, nagios
      Command user/group: nagios, nagcmd
            Event Broker: yes
       Install ${prefix}: /usr/local/nagios
   Install ${includedir}: /usr/local/nagios/include/nagios
               Lock file: ${prefix}/var/nagios.lock
  Check result directory: ${prefix}/var/spool/checkresults
          Init directory: /etc/rc.d/init.d
 Apache conf.d directory: /etc/httpd/conf.d
            Mail program: /bin/mail
                 Host OS: linux-qnu
         IOBroker Method: epoll
Web Interface Options:
                HTML URL: http://localhost/nagios/
                 CGI URL: http://localhost/nagios/cgi-bin/
Traceroute (used by WAP): /usr/bin/traceroute
Review the options above for accuracy. If they look okay,
type 'make all' to compile the main program and CGIs.
```

```
[ec2-user@ip-172-31-2-207 nagios-4.0.8]$ make all
cd ./base && make
make[1]: Entering directory '/home/ec2-user/downloads/nagios-4.0.8/base'
gcc -Wall -I.. - g -02 -DHAVE_CONFIG_H -DNSCORE -c -o nagios.c
gcc -Wall -I.. - g -02 -DHAVE_CONFIG_H -DNSCORE -c -o nebmods.c
gcc -Wall -I.. - g -02 -DHAVE_CONFIG_H -DNSCORE -c -o nebmods.c
gcc -Wall -I.. - g -02 -DHAVE_CONFIG_H -DNSCORE -c -o nebmods.c
gcc -Wall -I.. - g -02 -DHAVE_CONFIG_H -DNSCORE -c -o nebmods.c
gcc -Wall -I.. - g -02 -DHAVE_CONFIG_H -DNSCORE -c -o nerd.o nerd.c
gcc -Wall -I.. - g -02 -DHAVE_CONFIG_H -DNSCORE -c -o nerd.o nerd.c
gcc -Wall -I.. - g -02 -DHAVE_CONFIG_H -DNSCORE -c -o nerd.o nerd.c
gcc -Wall -I.. - g -02 -DHAVE_CONFIG_H -DNSCORE -c -o workers.o workers.c
In function 'get_wproc_list',
inlined from 'get_wproc_list',
inlined from 'get_wproc_list',
inlined from 'get_worker' at workers.c:224:12:
workers.c:209:17: warning: '%s' directive argument is null [-Wformat-overflow=]
209 | log_debug_info(DEBUGL_CHECKS, 1, "Found specialized worker(s) for '%s'", (slash 6& *slash != '/') ? slash : cmd
name);

gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -DNSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -ONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -02 -DHAVE_CONFIG_H -CONSCORE -c -o config.c
gcc -Wall -I.. -g -0
```

```
lip-172-31-39-112 nagios-4.0.8]$ sudo make install
&& make install
Intering directory '/home/ec2-user/downloads/nagios-4.0.8/base
```

```
[ec2-user@ip-172-31-2-207 nagios-4.0.8]$ sudo make install-init
/usr/bin/install - c -m 755 -d -o root -g root /etc/rc.d/init.d
/usr/bin/install - c -m 755 -o root -g root daemon-init /etc/rc.d/init.d/nagios

*** Init script installed ***

[ec2-user@ip-172-31-2-207 nagios-4.0.8]$ sudo make install-config
/usr/bin/install - c -m 775 -o nagios -g nagios -d /usr/local/nagios/etc
/usr/bin/install - c -m 775 -o nagios -g nagios -d /usr/local/nagios/etc/objects
/usr/bin/install - c -b -m 664 -o nagios -g nagios sample-config/ragios.cfg /usr/local/nagios/etc/ragios.cfg
/usr/bin/install - c -b -m 664 -o nagios -g nagios sample-config/resource.cfg /usr/local/nagios/etc/resource.cfg
/usr/bin/install - c -b -m 664 -o nagios -g nagios sample-config/template-object/cemplates.cfg /usr/local/nagios/etc/objects/complates.cfg
/usr/bin/install - c -b -m 664 -o nagios -g nagios sample-config/template-object/commands.cfg /usr/local/nagios/etc/objects/commands.cfg
/usr/bin/install - c -b -m 664 -o nagios -g nagios sample-config/template-object/commands.cfg /usr/local/nagios/etc/objects/commands.cfg
/usr/bin/install - c -b -m 664 -o nagios -g nagios sample-config/template-object/contacts.cfg /usr/local/nagios/etc/objects/commands.cfg
/usr/bin/install - c -b -m 664 -o nagios -g nagios sample-config/template-object/contacts.cfg /usr/local/nagios/etc/objects/contacts.cfg
/usr/bin/install - c -b -m 664 -o nagios -g nagios sample-config/template-object/contacts.cfg /usr/local/nagios/etc/objects/contacts.cfg
/usr/bin/install - c -b -m 664 -o nagios -g nagios sample-config/template-object/vindows.cfg /usr/local/nagios/etc/objects/vindows.cfg
/usr/bin/install - c -b -m 664 -o nagios -g nagios sample-config/template-object/windows.cfg /usr/local/nagios/etc/objects/windows.cfg
/usr/bin/install - c -b -m 664 -o nagios -g nagios sample-config/template-object/windows.cfg /usr/local/nagios/etc/objects/printer.cfg
/usr/bin/install - c -b -m 664 -o nagios -g nagios sample-config/template-object/windows.cfg /usr/local/nagios/etc/objects/printer.cfg
```

```
[ec2-user@ip-172-31-39-112 nagios-4.0.8]$ sudo make install-commandmode
/usr/bin/install -c -m 775 -o nagios -g nagios -d /usr/local/nagios/var/rw
chmod g+s /usr/local/nagios/var/rw

*** External command directory configured ***

[ec2-user@ip-172-31-39-112 nagios-4.0.8]$ sudo nano /usr/local/nagios/etc/object
s/contacts.cfg
[ec2-user@ip-172-31-39-112 nagios-4.0.8]$ sudo make install-webconf
/usr/bin/install -c -m 644 sample-config/httpd.conf /etc/httpd/conf.d/nagios.con
```

```
/usr/bin/install -c -b -m 664 -o nagios -g nagios sample-config/template-object/switch.cfg /usr/local/nagios/etc/objects/switch.cfg

*** Config files installed ***

Remember, these are *SAMPLE* config files. You'll need to read
the documentation for more information on how to actually define
services, hosts, etc. to fit your particular needs.

[ec2-user@ip-172-31-2-207 nagios-4.0.8]$ sudo make install-commandmode
/usr/bin/install -c -m 775 -o nagios -g nagcmd -d /usr/local/nagios/var/rw
chmod g+s /usr/local/nagios/var/rw

*** External command directory configured ***

[ec2-user@ip-172-31-2-207 nagios-4.0.8]$ sudo nano /usr/local/nagios/etc/objects/contacts.cfg

[ec2-user@ip-172-31-2-207 nagios-4.0.8]$ sudo make install-webconf
/usr/bin/install -c -m 644 sample-config/httpd.conf /etc/httpd/conf.d/nagios.conf

*** Nagios/Apache conf file installed ***

[ec2-user@ip-172-31-2-207 nagios-4.0.8]$ sudo htpasswd -c /usr/local/nagios/etc/htpasswd.users nagiosadmin
New password:
Re-type new password:
```

```
[ec2-user@ip-172-31-2-207 downloads]$ ls
nagios-4.0.8 nagios-4.0.8.tar.gz nagios-plugins-2.0.3.tar.gz
[ec2-user@ip-172-31-2-207 downloads]$ tar nagios-plugins-2.0.3.tar.gz
tar: Old option 'g' requires an argument.
Try 'tar --help' or 'tar --usage' for more information.
[ec2-user@ip-172-31-2-207 downloads]$ ls
nagios-4.0.8 nagios-4.0.8.tar.gz nagios-plugins-2.0.3.tar.gz
[ec2-user@ip-172-31-2-207 downloads]$ tar zxvf nagios-plugins-2.0.3.tar.gz
nagios-plugins-2.0.3/
nagios-plugins-2.0.3/perlmods/
nagios-plugins-2.0.3/perlmods/Config-Tiny-2.14.tar.gz
nagios-plugins-2.0.3/perlmods/parent-0.226.tar.gz
nagios-plugins-2.0.3/perlmods/Test-Simple-0.98.tar.gz
nagios-plugins-2.0.3/perlmods/Makefile.in
nagios-plugins-2.0.3/perlmods/version-0.9903.tar.gz
nagios-plugins-2.0.3/perlmods/Makefile.am
nagios-plugins-2.0.3/perlmods/Module-Runtime-0.013.tar.gz
nagios-plugins-2.0.3/perlmods/Module-Metadata-1.000014.tar.gz
nagios-plugins-2.0.3/perlmods/Params-Validate-1.08.tar.gz
nagios-plugins-2.0.3/perlmods/Class-Accessor-0.34.tar.gz
nagios-plugins-2.0.3/perlmods/Try-Tiny-0.18.tar.gz
nagios-plugins-2.0.3/perlmods/Module-Implementation-0.07.tar.gz
nagios-plugins-2.0.3/perlmods/Makefile
nagios-plugins-2.0.3/perlmods/Perl-OSType-1.003.tar.gz
nagios-plugins-2.0.3/perlmods/install_order
nagios-plugins-2.0.3/perlmods/Nagios-Plugin-0.36.tar.gz
```

```
[ec2-user@ip-172-31-2-207 nagios-plugins-2.0.3]$ sudo /usr/local/nagios/bin/nagios -v /usr/local/nagios/etc/nagios.cfg

Nagios Core 4.0.8

Copyright (c) 2009-present Nagios Core Development Team and Community Contributors

Copyright (c) 1999-2009 Ethan Galstad

Last Modified: 08-12-2014

License: GPL

Website: http://www.nagios.org

Reading configuration data...

Error in configuration file '/usr/local/nagios/etc/nagios.cfg' - Line 452 (Check result path '/usr/local/nagios/var/spool/checkresults' is not a valid directory)

Error processing main config file!

[ec2-user@ip-172-31-2-207 nagios-plugins-2.0.3]$
```

```
[ec2-user@ip-172-31-39-112 nagios-plugins-2.0.3]$ sudo nano /usr/local/nagios/etc/nagios.c
[ec2-user@ip-172-31-39-112 nagios-plugins-2.0.3]$ sudo chown -R nagios:nagios /usr/local/n
spool/checkresults
```

```
[Unit]
Description=Nagios Service
After=network.target

[Service]
User=nagios
Group=nagios
ExecStart=/usr/local/nagios/bin/nagios /usr/local/nagios/etc/nagios.cfg
[Install]
WantedBy=multi-user.target
```

```
[ec2-user@ip-172-31-39-112 nagios-plugins-2.0.3]$ ls /usr/local/nagios/bin/
nagios nagiostats
[ec2-user@ip-172-31-39-112 nagios-plugins-2.0.3]$ sudo /usr/local/nagios/bin/nagios /usr/l
s/etc/nagios.cfg
```

```
Nagios Core 4.4.9
Copyright (c) 2009-present Nagios Core Development Team and Community Contributors
Copyright (c) 1999-2009 Ethan Galstad
Last Modified: 2022-11-16
License: GPL
Website: https://www.nagios.org
Reading configuration data...
   Read main config file okay...
   Read object config files okay...
Running pre-flight check on configuration data...
Checking objects...
        Checked 8 services.
        Checked 1 hosts.
        Checked 1 host groups.
        Checked 0 service groups.
        Checked 1 contacts.
        Checked 1 contact groups.
Checked 24 commands.
        Checked 5 time periods.
        Checked 0 host escalations.
        Checked 0 service escalations.
Checking for circular paths...
        Checked 1 hosts
        Checked 0 service dependencies
        Checked 0 host dependencies
```

HARSHIT SHARMA

Adv Devops Experiment 9



