

# Advanced DevOps Exp-9

Sanket More

D15A 30

**Aim:** To Understand Continuous monitoring and Installation and configuration of Nagios Core, Nagios Plugins and NRPE (Nagios Remote Plugin Executor) on Linux Machine.

## Procedure:-

### Step 1: Create an EC2 Instance and name it as nagios-host

aws Services Search [Alt+S]

EC2 > Instances > Launch an instance

## Launch an instance [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

### Name and tags [Info](#)

Name

[Add additional tags](#)

▼ Instance type [Info](#) | [Get advice](#)

Instance type

t3.medium

Family: t3 2 vCPU 4 GiB Memory Current generation: true

On-Demand RHEL base pricing: 0.072 USD per Hour

On-Demand Linux base pricing: 0.0432 USD per Hour

On-Demand Windows base pricing: 0.0616 USD per Hour

On-Demand SUSE base pricing: 0.0995 USD per Hour

☒ All generations

[Compare instance types](#)

Additional costs apply for AMIs with pre-installed software

☒ Create security group

☐ Select existing security group

We'll create a new security group called **'launch-wizard-12'** with the following rules:

☒ Allow SSH traffic from  
Helps you connect to your instance

Anywhere  
0.0.0.0/0

☒ Allow HTTPS traffic from the internet  
To set up an endpoint, for example when creating a web server

☒ Allow HTTP traffic from the internet  
To set up an endpoint, for example when creating a web server

The screenshot shows the AWS Management Console's EC2 Instances page. The 'Instances (1/2)' tab is selected, showing a table of instances. The instance 'Nagios-host' (ID: i-0a27c2927b0cf759c) is highlighted. The left sidebar contains navigation links for EC2 Dashboard, EC2 Global View, Events, and various instance-related options. The top bar includes filters for instance state (running) and a 'Launch instances' button.

**Step 2: Under the security groups, click on edit inbound rules and set as shown in the figure below**

**Inbound rules**

Filter rules

Security group rule ID	Port range	Protocol	Source	Security groups
sgr-06686cfa6d7b1a5f4	22	TCP	0.0.0.0/0	<a href="#">launch-wizard-12</a>
sgr-0363cd569b0833531	All	ICMP	0.0.0.0/0	<a href="#">launch-wizard-12</a>
sgr-08e17bffc6b1db134	All	ICMPV6	0.0.0.0/0	<a href="#">launch-wizard-12</a>
sgr-0bcfba9b932c07675	443	TCP	0.0.0.0/0	<a href="#">launch-wizard-12</a>
sgr-0c3c8b0e7955d214f	All	All	0.0.0.0/0	<a href="#">launch-wizard-12</a>
sgr-0d52c1a72b565f94f	80	TCP	0.0.0.0/0	<a href="#">launch-wizard-12</a>
sgr-0e7f6952648554c1a	0	TCP	0.0.0.0/0	<a href="#">launch-wizard-12</a>

**Step 3: Now, run the following commands -**

**sudo su**  
**sudo yum update**

**sudo yum install httpd php**

**sudo yum install gcc glibc glibc-common**

**sudo yum install gd gd-devel**

```
[ec2-user@ip-172-31-16-211 ~]$ sudo yum install httpd php
Last metadata expiration check: 0:04:23 ago on Sun Sep 29 04:05:53 2024.
Dependencies resolved.
```

Package	Architecture	Version
Installing:		
httpd	x86_64	2.4.62-1.amzn2023
php8.3	x86_64	8.3.10-1.amzn2023.0.1
Installing dependencies:		
apr	x86_64	1.7.2-2.amzn2023.0.2
apr-util	x86_64	1.6.3-1.amzn2023.0.1

```
[ec2-user@ip-172-31-16-211 ~]$ sudo yum install gcc glibc glibc-common
Last metadata expiration check: 0:04:54 ago on Sun Sep 29 04:05:53 2024.
Package glibc-2.34-52.amzn2023.0.11.x86_64 is already installed.
Package glibc-common-2.34-52.amzn2023.0.11.x86_64 is already installed.
Dependencies resolved.
```

Package	Architecture	Version
Installing:		
gcc	x86_64	11.4.1-2.amzn2023.0.2
Installing dependencies:		
annobin-docs	noarch	10.93-1.amzn2023.0.1
annobin-plugin-gcc	x86_64	10.93-1.amzn2023.0.1
cpp	x86_64	11.4.1-2.amzn2023.0.2

```
[ec2-user@ip-172-31-16-211 ~]$ sudo yum install gd gd-devel
Last metadata expiration check: 0:05:21 ago on Sun Sep 29 04:05:53 2024.
Dependencies resolved.
```

Package	Architecture	Version
Installing:		
gd	x86_64	2.3.3-5.amzn2023.0.3
gd-devel	x86_64	2.3.3-5.amzn2023.0.3
Installing dependencies:		

**Step 4: Create a new nagios user with its password.**

**sudo adduser -m nagios**

**sudo passwd nagios**

**sudo groupadd nagcmd**

**sudo usermod -a -G nagcmd nagios**

**sudo usermod -a -G nagcmd apache**

```
[ec2-user@ip-172-31-16-211 ~]$ sudo adduser -m nagios
[ec2-user@ip-172-31-16-211 ~]$ sudo passwd nagios
Changing password for user nagios.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
```

```
[ec2-user@ip-172-31-16-211 ~]$ sudo groupadd nagcmd
[ec2-user@ip-172-31-16-211 ~]$ sudo usermod -a -G nagcmd nagios
[ec2-user@ip-172-31-16-211 ~]$ sudo usermod -a -G nagcmd apache
```

**Step 5: Now, run the following commands -**

**mkdir ~/downloads**

**cd ~/downloads**

**Wget**

**http://prdownloads.sourceforge.net/sourceforge/nagios/nagios-4.0.8.tar.gz**

**wget http://nagios-plugins.org/download/nagios-plugins-2.0.3.tar.gz tar zxvf  
nagios-4.0.8.tar.gz**

```
[ec2-user@ip-172-31-16-211 ~]$ mkdir ~/downloads
[ec2-user@ip-172-31-16-211 ~]$ cd ~/downloads
[ec2-user@ip-172-31-16-211 downloads]$
```

```
[ec2-user@ip-172-31-16-211 downloads]$ wget http://prdownloads.sourceforge.net/sourceforge/nagios/nagios-4.0.8.tar.gz
--2024-09-29 04:17:09-- http://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 (prdownloads.sourceforge.net)|204.68.111.105|:80... connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: http://downloads.sourceforge.net/project/nagios/nagios-4.x/nagios-4.0.8/nagios-4.0.8.tar.gz [following]
--2024-09-29 04:17:10-- http://downloads.sourceforge.net/project/nagios/nagios-4.x/nagios-4.0.8/nagios-4.0.8.tar.gz
```

```
[ec2-user@ip-172-31-16-211 downloads]$ wget http://nagios-plugins.org/download/nagios-plugins-2.0.3.tar.gz
--2024-09-29 04:17:25-- http://nagios-plugins.org/download/nagios-plugins-2.0.3.tar.gz
Resolving nagios-plugins.org (nagios-plugins.org)... 45.56.123.251
Connecting to nagios-plugins.org (nagios-plugins.org)|45.56.123.251|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2659772 (2.5M) [application/x-gzip]
Saving to: 'nagios-plugins-2.0.3.tar.gz'

nagios-plugins-2.0.3.tar.gz      100%[=====] 2.54M  1.68MB/s  in 1.5s
2024-09-29 04:17:27 (1.68 MB/s) - 'nagios-plugins-2.0.3.tar.gz' saved [2659772/2659772]
```



```

[ec2-user@ip-172-31-16-211 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 -O2 -DHAVE_CONFIG_H -DNSCORE -c -o nagios.o nagios.c
gcc -Wall -I.. -g -O2 -DHAVE_CONFIG_H -DNSCORE -c -o broker.o broker.c
gcc -Wall -I.. -g -O2 -DHAVE_CONFIG_H -DNSCORE -c -o nebmmods.o nebmmods.c
gcc -Wall -I.. -g -O2 -DHAVE_CONFIG_H -DNSCORE -c -o ../common/shared.o ../common/shared.c
gcc -Wall -I.. -g -O2 -DHAVE_CONFIG_H -DNSCORE -c -o nerd.o nerd.c
gcc -Wall -I.. -g -O2 -DHAVE_CONFIG_H -DNSCORE -c -o query-handler.o query-handler.c
gcc -Wall -I.. -g -O2 -DHAVE_CONFIG_H -DNSCORE -c -o workers.o workers.c
In function '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 && *slash != '/') ? slash : cmd_name);
       |         ^~~~~~
gcc -Wall -I.. -g -O2 -DHAVE_CONFIG_H -DNSCORE -c -o checks.o checks.c
gcc -Wall -I.. -g -O2 -DHAVE_CONFIG_H -DNSCORE -c -o config.o config.c
gcc -Wall -I.. -g -O2 -DHAVE_CONFIG_H -DNSCORE -c -o commands.o commands.c
commands.c: In function 'process_passive_service_check':
commands.c:2247:19: warning: assignment discards 'const' qualifier from pointer target type [-Wdiscarded-qualifiers]
   2247 |         cr.source = command_worker.source_name;
       |         ^
commands.c: In function 'process_passive_host_check':

```

```

c2-user/downloads/nagios-4.0.8/base/../common/shared.c:24: f
collect2: error: ld returned 1 exit status
make[1]: *** [Makefile:177: archivejson.cgi] Error 1
make[1]: Leaving directory '/home/ec2-user/downloads/nagios-
make: *** [Makefile:72: all] Error 2
[ec2-user@ip-172-31-16-211 nagios-4.0.8]$ █

```

```

c2-user/downloads/nagios-4.0.8/base/../common/shared.c:24: f
collect2: error: ld returned 1 exit status
make[1]: *** [Makefile:177: archivejson.cgi] Error 1
make[1]: Leaving directory '/home/ec2-user/downloads/nagios-4.0.8/cgi'
make: *** [Makefile:72: all] Error 2
[ec2-user@ip-172-31-16-211 nagios-4.0.8]$ █

```

```
[ec2-user@ip-172-31-16-211 nagios-4.0.8]$ sudo make install
cd ./base && make install
make[1]: Entering directory '/home/ec2-user/downloads/nagios-4.0.8/base'
make install-basic
make[2]: Entering directory '/home/ec2-user/downloads/nagios-4.0.8/base'
/usr/bin/install -c -m 775 -o nagios -g nagios -d /usr/local/nagios/bin
/usr/bin/install -c -m 774 -o nagios -g nagios nagios /usr/local/nagios/bin
/usr/bin/install -c -m 774 -o nagios -g nagios nagiosstats /usr/local/nagios/bin
make[2]: Leaving directory '/home/ec2-user/downloads/nagios-4.0.8/base'
make strip-post-install
make[2]: Entering directory '/home/ec2-user/downloads/nagios-4.0.8/base'
/usr/bin/strip /usr/local/nagios/bin/nagios
/usr/bin/strip /usr/local/nagios/bin/nagiosstats
make[2]: Leaving directory '/home/ec2-user/downloads/nagios-4.0.8/base'
make[1]: Leaving directory '/home/ec2-user/downloads/nagios-4.0.8/base'
cd ./cgi && make install
make[1]: Entering directory '/home/ec2-user/downloads/nagios-4.0.8/cgi'
make install-basic
make[2]: Entering directory '/home/ec2-user/downloads/nagios-4.0.8/cgi'
/usr/bin/install -c -m 775 -o nagios -g nagios -d /usr/local/nagios/sbin
for file in *.cgi; do \
    /usr/bin/install -c -m 775 -o nagios -g nagios $file /usr/local/nagios/sbin; \
done
/usr/bin/install: cannot stat '*.cgi': No such file or directory
make[2]: *** [Makefile:205: install-basic] Error 1
```

```
[ec2-user@ip-172-31-16-211 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-172-31-16-211 nagios-4.0.8]$
```

```
[ec2-user@ip-172-31-16-211 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/nagios.cfg /usr/local/nagios/etc/nagios.cfg
/usr/bin/install -c -b -m 664 -o nagios -g nagios sample-config/cgi.cfg /usr/local/nagios/etc/cgi.cfg
/usr/bin/install -c -b -m 660 -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/templates.cfg /usr/local/nagios/etc/objects/templates.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/contacts.cfg
/usr/bin/install -c -b -m 664 -o nagios -g nagios sample-config/template-object/timeperiods.cfg /usr/local/nagios/etc/objects/timeperiods.cfg
/usr/bin/install -c -b -m 664 -o nagios -g nagios sample-config/template-object/localhost.cfg /usr/local/nagios/etc/objects/localhost.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/printer.cfg /usr/local/nagios/etc/objects/printer.cfg
/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-172-31-16-211 nagios-4.0.8]$
```

```
[ec2-user@ip-172-31-16-211 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-172-31-16-211 nagios-4.0.8]$
```

## Step 8: Edit the config file and change the email address. `sudo nano /usr/local/nagios/etc/objects/contacts.cfg`

```
GNU nano 5.8 /usr/local/nagios/etc/objects/contacts.cfg
# CONTACTS
#
#####
#####

# Just one contact defined by default - the Nagios admin (that's you)
# This contact definition inherits a lot of default values from the 'generic-contact'
# template which is defined elsewhere.

define contact{
    contact_name      nagiosadmin          ; Short name of user
    use               generic-contact      ; Inherit default values from generic-contact template (defined elsewhere)
    alias             Nagios Admin         ; Full name of user

    email             moresanket3004@gmail.com ; <<***** CHANGE THIS TO YOUR EMAIL ADDRESS *****
}

#####
#####

# CONTACT GROUPS
#
^G Help      ^O Write Out  ^W Where Is   ^K Cut       ^T Execute   ^C Location  M-U Undo     M-A Set Mark
^X Exit      ^R Read File  ^\ Replace    ^U Paste     ^J Justify   ^/_ Go To Line M-E Redo     M-C Copy
```

## Step 9: Now run the following commands –

`sudo make install-webconf`

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

`sudo service httpd restart`

`cd ~/downloads`

`tar xzvf nagios-plugins-2.0.3.tar.gz`

```
[ec2-user@ip-172-31-16-211 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-172-31-16-211 nagios-4.0.8]$ sudo htpasswd -c /usr/local/nagios/etc/htpasswd.users nagiosadmin
New password:
Re-type new password:
Adding password for user nagiosadmin
[ec2-user@ip-172-31-16-211 nagios-4.0.8]$
```

```
[ec2-user@ip-172-31-16-211 nagios-4.0.8]$ sudo service httpd restart
Redirecting to /bin/systemctl restart httpd.service
[ec2-user@ip-172-31-16-211 nagios-4.0.8]$
```



```
[ec2-user@ip-172-31-16-211 nagios-4.0.8]$ cd ~/downloads
[ec2-user@ip-172-31-16-211 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
```

## Step 10: Compile and install plugins

**cd nagios-plugins-2.0.3**

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

**make**

**sudo make install**

```
[ec2-user@ip-172-31-16-211 nagios-plugins-2.0.3]$ ./configure --with-nagios-user=nagios --with-nagios-group=nagios
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for a thread-safe mkdir -p... /usr/bin/mkdir -p
checking for gawk... gawk
checking whether make sets $(MAKE)... yes
checking whether to disable maintainer-specific portions of Makefiles... yes
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking for gcc... gcc
checking for C compiler default output file name... a.out
checking whether the C compiler works... yes
```

```
[ec2-user@ip-172-31-16-211 nagios-plugins-2.0.3]$ sudo make install
```

```
make install-exec-hook
make[3]: Entering directory '/home/ec2-user/downloads/nagios-plugins-2.0.3/plugins'
cd /usr/local/nagios/libexec && \
for i in check_ftp check_imap check_nttp check_pop check_udp check_clamd ; do rm -f $i; ln -s \
if [ -x check_ldap ] ; then rm -f check_ldaps ; ln -s check_ldap check_ldaps ; fi
make[3]: Leaving directory '/home/ec2-user/downloads/nagios-plugins-2.0.3/plugins'
make[2]: Nothing to be done for 'install-data-am'.
make[2]: Leaving directory '/home/ec2-user/downloads/nagios-plugins-2.0.3/plugins'
make[1]: Leaving directory '/home/ec2-user/downloads/nagios-plugins-2.0.3/plugins'
Making install in plugins-scripts
make[1]: Entering directory '/home/ec2-user/downloads/nagios-plugins-2.0.3/plugins-scripts'
make[2]: Entering directory '/home/ec2-user/downloads/nagios-plugins-2.0.3/plugins-scripts'
test -z "/usr/local/nagios/libexec" || /usr/bin/mkdir -p "/usr/local/nagios/libexec"
/usr/bin/install -c -o nagios -g nagios check_breeze check_disk_smb check_flexlm check_ircd
tus check_ifoperstatus check_mailq check_file_age utils.sh utils.pm '/usr/local/nagios/libexec'
make[2]: Nothing to be done for 'install-data-am'.
make[2]: Leaving directory '/home/ec2-user/downloads/nagios-plugins-2.0.3/plugins-scripts'
```

**Step 11: To start nagios run the following commands –**

**sudo chkconfig --add nagios**

**sudo chkconfig nagios**

**on Verify using the following command**

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

```
[ec2-user@ip-172-31-16-211 nagios-plugins-2.0.3]$ sudo chkconfig --add nagios
[ec2-user@ip-172-31-16-211 nagios-plugins-2.0.3]$ sudo chkconfig nagios on
[ec2-user@ip-172-31-16-211 nagios-plugins-2.0.3]$
```

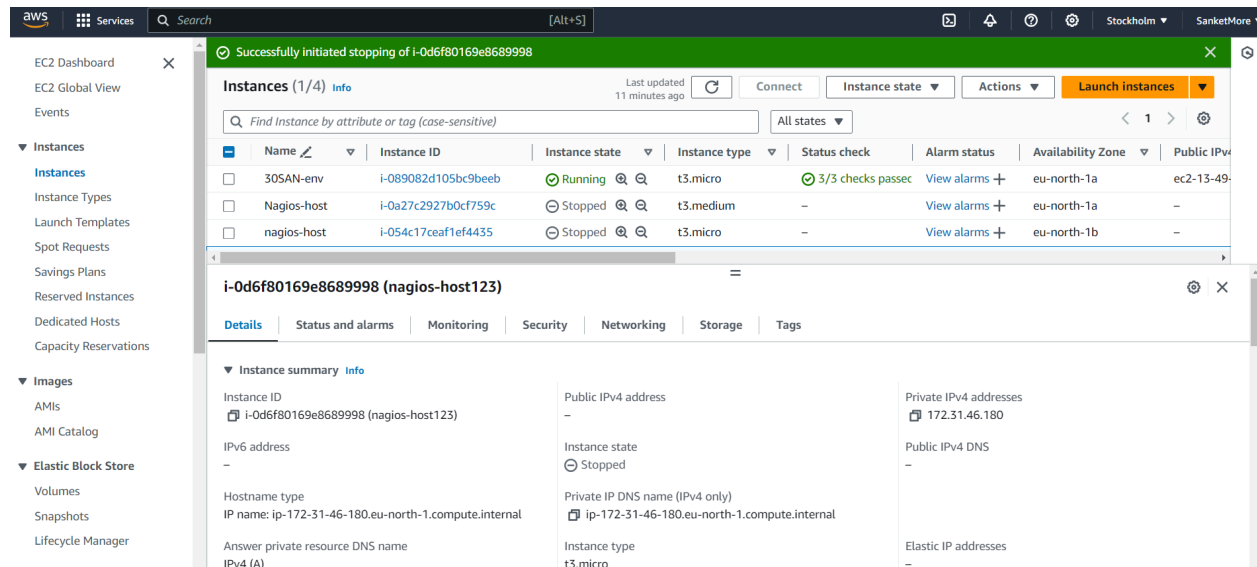
```
[ec2-user@ip-172-31-16-211 nagios-plugins-2.0.3]$ sudo chkconfig --add nagios
[ec2-user@ip-172-31-16-211 nagios-plugins-2.0.3]$ sudo chkconfig nagios on
[ec2-user@ip-172-31-16-211 nagios-plugins-2.0.3]$ sudo /usr/local/nagios/bin/nagios -v /usr/local/nagios/etc/nagios.cfg

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-172-31-16-211 nagios-plugins-2.0.3]$
```

```
[ec2-user@ip-172-31-16-211 nagios-plugins-2.0.3]$ sudo service nagios start
Starting nagios (via systemctl): [ OK ]
```

**Step 12: Go to EC2 instance and copy the public IP address of the instance**



The screenshot displays the AWS Management Console interface. At the top, a green notification banner states "Successfully initiated stopping of i-Od6f80169e8689998". The left sidebar shows the navigation menu with "Instances" selected. The main content area shows the "Instances (1/4)" table. The table has columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IPv4 address. Three instances are listed: "305AN-env" (Running), "Nagios-host" (Stopped), and "nagios-host" (Stopped). The "Nagios-host" instance is selected, and its details are shown below. The details include Instance ID, Public IPv4 address (172.31.46.180), Instance state (Stopped), Private IP DNS name, and Instance type (t3.micro).

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 address
305AN-env	i-089082d105bc9beeb	Running	t3.micro	3/3 checks passed	View alarms	eu-north-1a	ec2-13-49-
Nagios-host	i-0a27c2927b0cf759c	Stopped	t3.medium	-	View alarms	eu-north-1a	-
nagios-host	i-054c17ceaf1ef4435	Stopped	t3.micro	-	View alarms	eu-north-1b	-

**i-Od6f80169e8689998 (nagios-host123)**

**Details** | Status and alarms | Monitoring | Security | Networking | Storage | Tags

**Instance summary**

Instance ID	i-Od6f80169e8689998 (nagios-host123)	Public IPv4 address	-	Private IPv4 addresses	172.31.46.180
IPv6 address	-	Instance state	Stopped	Public IPv4 DNS	-
Hostname type	IP name: ip-172-31-46-180.eu-north-1.compute.internal	Private IP DNS name (IPv4 only)	ip-172-31-46-180.eu-north-1.compute.internal	Elastic IP addresses	-
Answer private resource DNS name	IPv4 (A)	Instance type	t3.micro		

**Step 13: Now visit `http://<your IP address>/nagios` Enter correct credentials and then you will see this page**

