

EXP 10

```
* nagios.service - Nagios Core 4.4.14
Loaded: loaded (/lib/systemd/system/nagios.service; enabled; vendor preset: enabled)
Active: active (running) since Sat 2023-09-30 08:54:01 UTC; 20s ago
Docs: https://www.nagios.org/documentation
Process: 55285 ExecStartPre=/usr/local/nagios/bin/nagios -v /usr/local/nagios/etc/nagios.cfg (code=exited, status=0/SUCCESS)
Process: 55286 ExecStart=/usr/local/nagios/bin/nagios -d /usr/local/nagios/etc/nagios.cfg (code=exited, status=0/SUCCESS)
Main PID: 55287 (nagios)
Tasks: 6 (limit: 1141)
Memory: 5.3M
CPU: 252ms
CGroup: /system.slice/nagios.service
└─55287 /usr/local/nagios/bin/nagios -d /usr/local/nagios/etc/nagios.cfg
   55288 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
   55289 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
   55290 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
   55291 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
   55292 /usr/local/nagios/bin/nagios -d /usr/local/nagios/etc/nagios.cfg

Sep 30 08:54:01 ip-172-31-44-151 nagios[55287]: qh: Socket '/usr/local/nagios/var/rw/nagios.qh' successfully initialized
lines 1-19
```

New EC2 Experience

Instances (16) Info

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
<input type="checkbox"/>	cutenagios_se...	i-09d6b0d2e181a7287	Running	t2.micro	-	No alarms	ap-south-
<input type="checkbox"/>	cutenagios_cli...	i-0e36968400dac0991	Running	t2.micro	-	No alarms	ap-south-
<input type="checkbox"/>	cutenagios_se...	i-03a3e79fc5ab0a056	Stopped	t2.micro	-	No alarms	ap-south-

```
get:4 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Fetched 229 kB in 1s (290 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
2 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@ip-172-31-44-151:/home/ubuntu# sudo apt install gcc -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
gcc is already the newest version (4:11.2.0-1ubuntu1).
0 upgraded, 0 newly installed, 0 to remove and 2 not upgraded.
root@ip-172-31-44-151:/home/ubuntu# sudo apt install -y nagios-nrpe-server nagios-plugins
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Note, selecting 'monitoring-plugins' instead of 'nagios-plugins'
monitoring-plugins is already the newest version (2.3.1-1ubuntu4).
nagios-nrpe-server is already the newest version (4.0.3-1ubuntu2).
0 upgraded, 0 newly installed, 0 to remove and 2 not upgraded.
```

```
root@ip-172-31-44-151:/home/ubuntu# ps -ef | grep nagios
nagios 55287 1 0 08:54 ? 00:00:00 /usr/local/nagios/bin/nagios -d /usr/local/nagios/etc/nagios.cfg
nagios 55288 55287 0 08:54 ? 00:00:00 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
nagios 55289 55287 0 08:54 ? 00:00:00 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
nagios 55290 55287 0 08:54 ? 00:00:00 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
nagios 55291 55287 0 08:54 ? 00:00:00 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
nagios 55292 55287 0 08:54 ? 00:00:00 /usr/local/nagios/bin/nagios -d /usr/local/nagios/etc/nagios.cfg
nagios 56327 1 0 08:58 ? 00:00:00 /usr/sbin/nrpe -c /etc/nagios/nrpe.cfg -f
root 60903 60158 0 09:32 pts/1 00:00:00 grep --color=auto nagios
root@ip-172-31-44-151:/home/ubuntu# sudo su
root@ip-172-31-44-151:/home/ubuntu# mkdir /usr/local/nagios/etc/objects/monitorhosts
root@ip-172-31-44-151:/home/ubuntu# mkdir /usr/local/nagios/etc/objects/monitorhosts/linuxhosts
```

```

GNU nano 6.2 /usr/local/nagios/etc/objects/monitorhosts/linuxhosts/linuxserver.cfg *

#####
#
# HOST GROUP DEFINITION
#
#####

# Define an optional hostgroup for Linux machines

define hostgroup {

    hostgroup_name    linux-servers    ; The name of the hostgroup
    alias              Linux Servers    ; Long name of the group
    members            localhost        ; Comma separated list of hosts that belong to this group
}

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

```

```

GNU nano 6.2 /usr/local/nagios/etc/nagios.cfg *

# You can also tell Nagios to process all config files (with a .cfg
# extension) in a particular directory by using the cfg_dir
# directive as shown below:

cfg_dir=/usr/local/nagios/etc/servers
cfg_dir=/usr/local/nagios/etc/printers
cfg_dir=/usr/local/nagios/etc/switches
cfg_dir=/usr/local/nagios/etc/routers
cfg_dir=/usr/local/nagios/etc/objects/monitorhosts/

# OBJECT CACHE FILE
# This option determines where object definitions are cached when
# Nagios starts/restarts. The CGIs read object definitions from
Save modified buffer?
Y Yes
N No      ^C Cancel

```

```

root@ip-172-31-44-151:/home/ubuntu# nano /usr/local/nagios/etc/objects/monitorhosts/linuxhosts/linuxserver.cfg
root@ip-172-31-44-151:/home/ubuntu# /usr/local/nagios/bin/nagios -v /usr/local/nagios/etc/nagios.cfg

Nagios Core 4.4.14
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Last Modified: 2023-08-01
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.

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  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
  Checked 5 timeperiods
Checking global event handlers...
Checking obsessive compulsive processor commands...
Checking misc settings...

Total Warnings: 0
Total Errors: 0

Things look okay - No serious problems were detected during the pre-flight check
root@ip-172-31-44-151:/home/ubuntu# nano /usr/local/nagios/etc/nagios.cfg

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Nagios®

Current Network Status
Last Updated: Sat Sep 30 18:22:09 UTC 2023
Updated every 90 seconds
Nagios® Core™ 4.4.14 - www.nagios.org
Logged in as nagiosadmin

Host Status Totals

OK	Warning	Unknown	Critical	Down
13	0	0	0	0

Service Status Totals

OK	Warning	Unknown	Critical	Down
13	0	0	3	0

Host Status Details For All Host Groups

Host **	Status **	Last Check **	Duration **	Status Information
localhost	UP	09-30-2023 18:17:06	0d 0h 5m 3s	PING OK - Packet loss = 0%, RTA = 0.62 ms
localhost	UP	09-30-2023 18:20:14	0d 9h 28m 7s	PING OK - Packet loss = 0%, RTA = 0.04 ms

Results 1 - 2 of 2 Matching Hosts

Nagios®

Current Network Status
Last Updated: Tue Oct 3 23:38:11 UTC 2023
Updated every 90 seconds
Nagios® Core™ 4.4.14 - www.nagios.org
Logged in as nagiosadmin

Host Status Totals

OK	Warning	Unknown	Critical	Down
13	0	0	0	0

Service Status Totals

OK	Warning	Unknown	Critical	Down
13	0	0	3	0

Service Status Details For All Hosts

Host **	Service **	Status **	Last Check **	Duration **	Attempt **	Status Information
mysqserver	Current Load	OK	10-03-2023 23:34:51	3d 13h 47m 10s	1/4	OK - load average: 0.00, 0.02, 0.00
	Current Users	OK	10-03-2023 23:35:29	3d 13h 46m 32s	1/4	USERS OK - 2 users currently logged in
	HTTP	CRITICAL	10-03-2023 23:36:06	0d 0h 12m 5s	4/4	CRITICAL - Socket timeout
	PING	OK	10-03-2023 23:36:44	0d 0h 1m 27s	1/4	PING OK - Packet loss = 0%, RTA = 0.60 ms
	Root Partition	OK	10-03-2023 23:37:23	3d 13h 44m 40s	1/4	DISK OK - free space: 7.4859 MIB (62.78% inode=88%)
	SSH	OK	10-03-2023 23:37:59	0d 0h 0m 12s	1/4	SSH OK - OpenSSH_8.9p1 Ubuntu-Jubuntu0.1 (protocol 2.0)
localhost	Swap Usage	CRITICAL	10-03-2023 23:33:36	3d 13h 43m 25s	4/4	SWAP CRITICAL - 0% free (0 MB out of 0 MB) - Swap is either disabled, not present, or of zero size.
	Total Processes	OK	10-03-2023 23:34:14	3d 13h 42m 47s	1/4	PROCS OK: 39 processes with STATE = RSZDT
	Current Load	OK	10-03-2023 23:35:10	3d 14h 43m 33s	1/4	OK - load average: 0.00, 0.02, 0.00
	Current Users	OK	10-03-2023 23:35:47	3d 14h 42m 55s	1/4	USERS OK - 2 users currently logged in
	HTTP	CRITICAL	10-03-2023 23:36:25	3d 14h 42m 18s	1/4	HTTP OK: HTTP/1.1 200 OK - 10945 bytes in 0.000 second response time
	PING	OK	10-03-2023 23:37:02	3d 14h 41m 40s	1/4	PING OK - Packet loss = 0%, RTA = 0.04 ms
localhost	Root Partition	OK	10-03-2023 23:37:40	3d 14h 41m 3s	1/4	DISK OK - free space: 7.4859 MIB (62.78% inode=88%)
	SSH	OK	10-03-2023 23:33:17	3d 14h 40m 25s	1/4	SSH OK - OpenSSH_8.9p1 Ubuntu-Jubuntu0.4 (protocol 2.0)
	Swap Usage	CRITICAL	10-03-2023 23:33:55	3d 14h 36m 48s	4/4	SWAP CRITICAL - 0% free (0 MB out of 0 MB) - Swap is either disabled, not present, or of zero size.
	Total Processes	OK	10-03-2023 23:33:24	3d 14h 39m 10s	1/4	PROCS OK: 40 processes with STATE = RSZDT

Results 1 - 16 of 16 Matching Services