



```
aws Services Search [Alt+] N. Virginia voclabs/user3389085=d2022.harsh.jadhav@ves.ac.in @ 8996

Keyboard shortcut
To tab out of the terminal window and select the next button element, press the left and right Shift keys together.

Error: Unable to find a match: ph
[ec2-user@ip-172-31-80-15 ~]$ sudo yum install gcc glibc glibc-common
Last metadata expiration check: 0:09:05 ago on Tue Oct 15 17:56:01 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 Repository
Installing:
gcc x86_64 11.4.1-2.amzn2023.0.2 amazonlinux
Installing dependencies:
annobin-docs noarch 10.93-1.amzn2023.0.1 amazonlinux
annobin-plugin-gcc x86_64 10.93-1.amzn2023.0.1 amazonlinux
cpp x86_64 11.4.1-2.amzn2023.0.2 amazonlinux
gc x86_64 8.0.4-5.amzn2023.0.2 amazonlinux
glibc-devel x86_64 2.34-52.amzn2023.0.11 amazonlinux
glibc-headers-x86 noarch 2.34-52.amzn2023.0.11 amazonlinux
guile22 x86_64 2.2.7-2.amzn2023.0.3 amazonlinux
kernel-headers x86_64 6.1.112-122.189.amzn2023 amazonlinux
libmpc x86_64 1.2.1-2.amzn2023.0.2 amazonlinux
libtool-ltdl x86_64 2.4.7-1.amzn2023.0.3 amazonlinux
libxcrypt-devel x86_64 4.4.33-7.amzn2023 amazonlinux
make x86_64 1:4.3-5.amzn2023.0.2 amazonlinux

Transaction Summary
Install 13 Packages

Total download size: 52 M
Installed size: 168 M

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Keyboard shortcut
To tab out of the terminal window and select the next button element, press the left and right Shift keys together.

Installing : glibc-devel-2.34-52.amzn2023.0.11.x86_64
Installing : gc-8.0.4-5.amzn2023.0.2.x86_64
Installing : guile22-2.2.7-2.amzn2023.0.3.x86_64
Installing : make-1:4.3-5.amzn2023.0.2.x86_64
Installing : gcc-11.4.1-2.amzn2023.0.2.x86_64
Running scriptlet: gcc-11.4.1-2.amzn2023.0.2.x86_64
Installing : annobin-docs-10.93-1.amzn2023.0.1.noarch
Installing : annobin-plugin-gcc-10.93-1.amzn2023.0.1.x86_64
Running scriptlet: annobin-plugin-gcc-10.93-1.amzn2023.0.1.x86_64
Verifying : annobin-docs-10.93-1.amzn2023.0.1.noarch
Verifying : annobin-plugin-gcc-10.93-1.amzn2023.0.1.x86_64
Verifying : cpp-11.4.1-2.amzn2023.0.2.x86_64
Verifying : gc-8.0.4-5.amzn2023.0.2.x86_64
Verifying : gcc-11.4.1-2.amzn2023.0.2.x86_64
Verifying : glibc-devel-2.34-52.amzn2023.0.11.x86_64
Verifying : glibc-headers-x86-2.34-52.amzn2023.0.11.noarch
Verifying : guile22-2.2.7-2.amzn2023.0.3.x86_64
Verifying : kernel-headers-6.1.112-122.189.amzn2023.x86_64
Verifying : libmpc-1.2.1-2.amzn2023.0.2.x86_64
Verifying : libtool-ltdl-2.4.7-1.amzn2023.0.3.x86_64
Verifying : libxcrypt-devel-4.4.33-7.amzn2023.x86_64
Verifying : make-1:4.3-5.amzn2023.0.2.x86_64

Installing:
annobin-docs-10.93-1.amzn2023.0.1.noarch annobin-plugin-gcc-10.93-1.amzn2023.0.1.x86_64 cpp-11.4.1-2.amzn2023.0.2.x86_64 gc-8.0.4-5.amzn2023.0.2.x86_64 gcc-11.4.1-2.amzn2023.0.2.x86_64 glibc-devel-2.34-52.amzn2023.0.11.x86_64 glibc-headers-x86-2.34-52.amzn2023.0.11.noarch guile22-2.2.7-2.amzn2023.0.3.x86_64 kernel-headers-6.1.112-122.189.amzn2023.x86_64 libmpc-1.2.1-2.amzn2023.0.2.x86_64 libtool-ltdl-2.4.7-1.amzn2023.0.3.x86_64 libxcrypt-devel-4.4.33-7.amzn2023.x86_64 make-1:4.3-5.amzn2023.0.2.x86_64

Complete!
[ec2-user@ip-172-31-80-15 ~]$
```

```
HTTP request sent, awaiting response... 302 Found
Location: http://cyranet-dal.dl.sourceforge.net/project/nagios/nagios-4.x/nagios-4.0.8/nagios-4.0.8.tar.gz?viasf=1 [following]
--2024-10-15 18:16:34-- http://cyranet-dal.dl.sourceforge.net/project/nagios/nagios-4.x/nagios-4.0.8/nagios-4.0.8.tar.gz?viasf=1
Resolving cyranet-dal.dl.sourceforge.net (cyranet-dal.dl.sourceforge.net)... 162.226.127.129
Connecting to cyranet-dal.dl.sourceforge.net (cyranet-dal.dl.sourceforge.net)[162.226.127.129]:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 1805059 (1.7M) [application/x-gzip]
Saving to: 'nagios-4.0.8.tar.gz'

nagios-4.0.8.tar.gz      0%[                    ] 0  --KB/s
nagios-4.0.8.tar.gz    17%[====>              ] 315.09K 1.53MB/s
nagios-4.0.8.tar.gz    100%[=====>          ] 1.72M  5.06MB/s  in 0.3
s

2024-10-15 18:16:37 (5.06 MB/s) - 'nagios-4.0.8.tar.gz' saved [1805059/1805059]

[ec2-user@ip-172-31-80-15 downloads]$ wget http://nagios-plugins.org/download/nagios-plugins-2.0.3.tar.gz
--2024-10-15 18:17:36-- 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  0%[                    ] 0  --KB/s
nagios-plugins-2.0.3.tar.gz 34%[====>              ] 890.59K 4.06MB/s
nagios-plugins-2.0.3.tar.gz 100%[=====>          ] 2.54M  8.34MB/s  in 0.3
s

2024-10-15 18:17:36 (8.34 MB/s) - 'nagios-plugins-2.0.3.tar.gz' saved [2659772/2659772]

[ec2-user@ip-172-31-80-15 downloads]$ tar xzvf nagios-4.0.8.tar.gz
nagios-4.0.8/
nagios-4.0.8/.gitignore
nagios-4.0.8/Changelog
nagios-4.0.8/INSTALLING
nagios-4.0.8/LEGAL
```

```
nagios-4.0.8/xdata/xodtemplate.h
nagios-4.0.8/xdata/xpddefault.c
nagios-4.0.8/xdata/xpddefault.h
nagios-4.0.8/xdata/xrddefault.c
nagios-4.0.8/xdata/xrddefault.h
nagios-4.0.8/xdata/xsddefault.c
nagios-4.0.8/xdata/xsddefault.h
[ec2-user@ip-172-31-80-15 downloads]$ ^C
[ec2-user@ip-172-31-80-15 downloads]$ cd nagios-4.0.8/
[ec2-user@ip-172-31-80-15 nagios-4.0.8]$ ./configure --with-command-group=nagcmd
checking for a BSD-compatible install... /usr/bin/install -c
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
checking whether we are cross compiling... no
checking for suffix of executables...
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C99... none needed
checking whether make sets $(MAKE)... yes
checking for strip... /usr/bin/strip
checking how to run the C preprocessor... gcc -E
checking for grep that handles long lines and -e... /usr/bin/grep
checking for egrep... /usr/bin/grep -E
checking for ANSI C header files... yes
checking whether time.h and sys/time.h may both be included... yes
checking for sys/wait.h that is POSIX.1 compatible... yes
checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
```

```
config.status: creating t-tap/Makefile
config.status: creating include/config.h
config.status: creating lib/snprintf.h
config.status: creating lib/iobroker.h

Creating sample config files in sample-config/ ...

*** 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-gnu
IOBroker Method: epoll

Web Interface Options:
-----
HTML URL: http://localhost/nagios/
CGI URL: http://localhost/nagios/cgi-bin/
Traceroute (used by WAF): /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-172-31-80-15 nagios-4.0.8]$
```



```
aws Services Search [Alt+S] N. Virginia voclabs/user3189085-d2022.harsh.jadhav@ves.ac.in @ 8996-78

[ec2-user@ip-172-31-80-15 ~]$ cd .
[ec2-user@ip-172-31-80-15 ~]$ cd ..
[ec2-user@ip-172-31-80-15 ~]$ sudo chkconfig --add nagios
[ec2-user@ip-172-31-80-15 ~]$ sudo chkconfig nagios on
[ec2-user@ip-172-31-80-15 ~]$ 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-172-31-80-15 ~]$ sudo mkdir -p /usr/local/nagios/var/spool/checkresults
[ec2-user@ip-172-31-80-15 ~]$ sudo chown nagios:nagios /usr/local/nagios/var/spool/checkresults
[ec2-user@ip-172-31-80-15 ~]$ 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...
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.

[ec2-user@ip-172-31-80-15 ~]$ sudo service nagios start
Starting nagios (via systemctl): [ OK ]
[ec2-user@ip-172-31-80-15 ~]$

aws Services Search [Alt+S] N. Virginia voclabs/user3189085-d2022.harsh.jadhav@ves.ac.in @ 8996-78

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
[ec2-user@ip-172-31-80-15 ~]$ sudo service nagios start
Starting nagios (via systemctl): [ OK ]
[ec2-user@ip-172-31-80-15 ~]$ sudo systemctl status nagios
● nagios.service - LSB: Starts and Stops the Nagios monitoring server
   Loaded: loaded (/etc/rc.d/init.d/nagios; generated)
   Active: active (running) since Tue 2024-10-15 19:14:50 UTC; 46s ago
     Docs: man:systemd-sysv-generator(8)
  Process: 69605 ExecStart=/etc/rc.d/init.d/nagios start (code=exited, status=0/SUCCESS)
    Tasks: 6 (limit: 4658)
   Memory: 2.1M
      CPU: 55ms
  CGroup: /system.slice/nagios.service
          └─69627 /usr/local/nagios/bin/nagios -d /usr/local/nagios/etc/nagios.cfg
             └─69629 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
                └─69630 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
                   └─69631 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
                      └─69632 /usr/local/nagios/bin/nagios --worker /usr/local/nagios/var/rw/nagios.qh
                         └─69633 /usr/local/nagios/bin/nagios -d /usr/local/nagios/etc/nagios.cfg

Oct 15 19:14:50 ip-172-31-80-15.ec2.internal nagios[69627]: wproc: Registry request: name=Core Worker 69629:pid=69629
Oct 15 19:14:50 ip-172-31-80-15.ec2.internal nagios[69627]: wproc: Registry request: name=Core Worker 69630:pid=69630
Oct 15 19:14:50 ip-172-31-80-15.ec2.internal nagios[69627]: wproc: Registry request: name=Core Worker 69631:pid=69631
Oct 15 19:14:50 ip-172-31-80-15.ec2.internal nagios[69627]: Warning: Could not open object cache file '/usr/local/nagios/var/objects.cache' for writing!
Oct 15 19:14:50 ip-172-31-80-15.ec2.internal nagios[69627]: Error: Unable to create temp file '/usr/local/nagios/var/nagios.tmpVP2ugc' for writing status data: Permission denied
Oct 15 19:14:50 ip-172-31-80-15.ec2.internal nagios[69627]: Successfully launched command file worker with pid 69633
Oct 15 19:14:59 ip-172-31-80-15.ec2.internal nagios[69627]: Error: Unable to create temp file '/usr/local/nagios/var/nagios.tmpobzUL0' for writing status data: Permission denied
Oct 15 19:15:09 ip-172-31-80-15.ec2.internal nagios[69627]: Error: Unable to create temp file '/usr/local/nagios/var/nagios.tmp74Bvlp' for writing status data: Permission denied
Oct 15 19:15:19 ip-172-31-80-15.ec2.internal nagios[69627]: Error: Unable to create temp file '/usr/local/nagios/var/nagios.tmpAIFTD6' for writing status data: Permission denied
Oct 15 19:15:29 ip-172-31-80-15.ec2.internal nagios[69627]: Error: Unable to create temp file '/usr/local/nagios/var/nagios.tmpAzMKR3' for writing status data: Permission denied
[ec2-user@ip-172-31-80-15 ~]$
```