```
joe@www:~$ sudo apt install nagios4
```

```
joe@www:~$ sudo apt install -y nagios-plugins-contrib nagios-nrpe-plugin
```

```
joe@www:~$ echo "Enable some required apache modules"
Enable some required apache modules
joe@www:~$ sudo a2enmod authz_groupfile auth_digest
Considering dependency authz_core for authz_groupfile:
Module authz_core already enabled
Enabling module authz_groupfile.
Considering dependency authn_core for auth_digest:
Module authn_core already enabled
Enabling module auth_digest.
To activate the new configuration, you need to run:
  systemctl restart apache2
joe@www:~$
```

```
[joe@www:~$ sudo service apache2 restart
joe@www:~$ 
```

```
[joe@www:~$ echo "Make a few edits to allow login to nagios from anywhere"
Make a few edits to allow login to nagios from anywhere
joe@www:~$ sudo vi /etc/apache2/conf-enabled/nagios4-cgi.conf
```

```
# program from the apache2-utils package to add users to
# /etc/nagios4/htdigest.users.
#
# A step up is to insist all users validate themselves by moving
# the stanza's in the <Files>..<Files> into the <DirectoryMatch>.
# Then by setting use_authentication=1 in /etc/nagios4/cgi.cfg you
# can configure which people get to see a particular service from
# within the nagios configuration.
#
  Require ip  ::1/128 fc00::/7 fe80::/10 10.0.0.0/8 127.0.0.0/8 169.254.0.0/16 172.16.0.0/12 192.168.0.
0/16
  <Files "cmd.cgi">
      AuthDigestDomain "Nagios4"
      AuthDigestProvider file
      AuthUserFile    "/etc/nagios4/htdigest.users"
      AuthGroupFile   "/etc/group"
      AuthName        "Nagios4"
      AuthType        Digest
      Require all     granted
      #Require        valid-user
  </Files>
</DirectoryMatch>

<Directory /usr/share/nagios4/htdocs>
    Options     +ExecCGI
                                                          35,1           96%
```

```
    # /etc/nagios4/htdigest.users.
    #
    # A step up is to insist all users validate themselves by moving
    # the stanza's in the <Files>..<Files> into the <DirectoryMatch>.
    # Then by setting use_authentication=1 in /etc/nagios4/cgi.cfg you
    # can configure which people get to see a particular service from
    # within the nagios configuration.
    #
#    Require ip ::1/128 fc00::/7 fe80::/10 10.0.0.0/8 127.0.0.0/8 169.254.0.0/16 172.16.0.0/12 192.168.0.
0/16
#    <Files "cmd.cgi">
        AuthDigestDomain "Nagios4"
        AuthDigestProvider file
        AuthUserFile    "/etc/nagios4/htdigest.users"
        AuthGroupFile   "/etc/group"
        AuthName        "Nagios4"
        AuthType        Digest
#       Require all     granted
        Require valid-user
#    </Files>
</DirectoryMatch>

<Directory /usr/share/nagios4/htdocs>
    Options     +ExecCGI
</Directory>
"/etc/apache2/conf-enabled/nagios4-cgi.conf" 50L, 1955C written                      45,1          Bot
```

```
[joe@www:~$ sudo service apache2 restart
[joe@www:~$ sudo service apache2 status
● apache2.service – The Apache HTTP Server
     Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
     Active: active (running) since Tue 2022-10-18 18:40:48 UTC; 4s ago
       Docs: https://httpd.apache.org/docs/2.4/
    Process: 232221 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
   Main PID: 232236 (apache2)
      Tasks: 6 (limit: 462)
     Memory: 10.9M
     CGroup: /system.slice/apache2.service
             ├─232236 /usr/sbin/apache2 -k start
             ├─232237 /usr/sbin/apache2 -k start
             ├─232238 /usr/sbin/apache2 -k start
             ├─232239 /usr/sbin/apache2 -k start
             ├─232240 /usr/sbin/apache2 -k start
             └─232241 /usr/sbin/apache2 -k start

Oct 18 18:40:48 www systemd[1]: Starting The Apache HTTP Server...
Oct 18 18:40:48 www systemd[1]: Started The Apache HTTP Server.
joe@www:~$
```

```
joe@www:~$ sudo service nagios4 status
```

```
[joe@www:~$ echo "Create a nagiosadmin user. It must be 'nagiosadmin'"
Create a nagiosadmin user. It must be 'nagiosadmin'
joe@www:~$ sudo htdigest -c /etc/nagios4/htdigest.users Nagios4 nagiosadmin
```

```
joe@www:~$ echo "Create a nagiosadmin user. It must be 'nagiosadmin'"
Create a nagiosadmin user. It must be 'nagiosadmin'
joe@www:~$ sudo htdigest -c /etc/nagios4/htdigest.users Nagios4 nagiosadmin
Adding password for nagiosadmin in realm Nagios4.
New password:
Re-type new password:
joe@www:~$
```

```
[joe@www:~$ sudo service apache2 restart
joe@www:~$ 
```

```
[joe@www:~$ echo "Now visit your webserver at the path /nagios4 and login with nagiosadmin and that passwo
rd"
Now visit your webserver at the path /nagios4 and login with nagiosadmin and that password
joe@www:~$ 
```