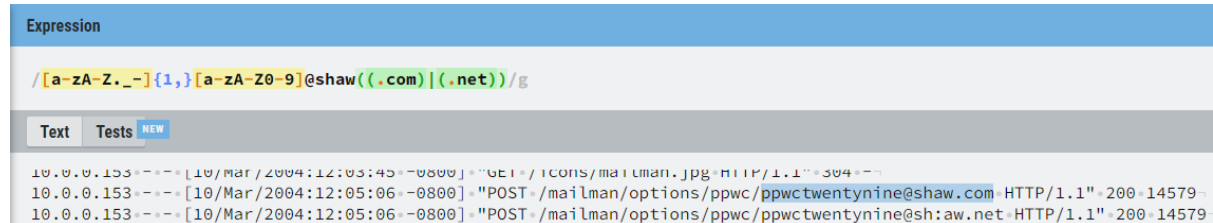


LINUX WEEK 3 YASSIN JABASINI

Opdracht 1: RegEx

[a-zA-Z._-]{1,}[a-zA-Z0-9]@shaw((.com)|(.net))



Opdracht 2: Monitoring en logging

A.

```
y@y-VirtualBox:~$ syslog-ng -V
syslog-ng 3 (3.25.1)
Config version: 3.25
Installer-Version: 3.25.1
Revision: 3.25.1-3
Compile-Date: Mar  3 2020 19:39:43
Module-Directory: /usr/lib/syslog-ng/3.25
Module-Path: /usr/lib/syslog-ng/3.25
Include-Path: /usr/share/syslog-ng/include
Available-Modules: basicfuncs,redis,pseudofile,affile,xml,afuser,afmongodb,add-contextual-data,disk-buffer,cryptofuncs,json-plugin,geoip2-plugin,linux-kmsg-format,mod-python,afsmtp,afstomp,riemann,http,afsql,sdjournal,snmptrapd-parser,csvparser,afsocket,afprog,stardate,graphite,confgen,system-source,appmodel,dbparser,famqp,cef,kvformat,timestamp,hook-commands,examples,tfgetent,tags-parser,syslogformat,map-value-pairs,pacctformat
Enable-Debug: off
Enable-GProf: off
Enable-Memtrace: off
Enable-IPv6: on
Enable-Spoof-Source: on
Enable-TCP-Wrapper: on
Enable-Linux-Caps: on
Enable-Systemd: on

y@y-VirtualBox:~$ sudo apt install munin
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libestr0 libfastjson4 linux-headers-5.11.0-27-generic
  linux-hwe-5.11-headers-5.11.0-27 linux-image-5.11.0-27-generic
  linux-modules-5.11.0-27-generic linux-modules-extra-5.11.0-27-generic
Use 'sudo apt autoremove' to remove them.
```

B.

```
y@y-VirtualBox:~$ sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor prese
   Active: active (running) since Mon 2022-01-10 18:01:37 CET; 29s ago
     Docs: https://httpd.apache.org/docs/2.4/
    Main PID: 34041 (apache2)
       Tasks: 55 (limit: 2299)
        Memory: 4.6M
         CGroup: /system.slice/apache2.service
                └─34041 /usr/sbin/apache2 -k start
                  └─34043 /usr/sbin/apache2 -k start
                    └─34044 /usr/sbin/apache2 -k start

jan 10 18:01:37 y-VirtualBox systemd[1]: Starting The Apache HTTP Server...
jan 10 18:01:37 y-VirtualBox apachectl[34040]: AH00558: apache2: Could not reli
jan 10 18:01:37 y-VirtualBox systemd[1]: Started The Apache HTTP Server.
lines 1-15/15 (END)
```

C.

```
yabaserver@yabaserver:~$ sudo apt-get install apache2
Reading package lists... Done
Building dependency tree
Reading state information... Done
apache2 is already the newest version (2.4.41-4ubuntu3.9).
0 upgraded, 0 newly installed, 0 to remove and 37 not upgraded.
yabaserver@yabaserver:~$ _

yabaserver@yabaserver:~$ php --version
PHP 7.4.3 (cli) (built: Nov 25 2021 23:16:22) ( NTS )
Copyright (c) The PHP Group
Zend Engine v3.4.0, Copyright (c) Zend Technologies
    with Zend OPcache v7.4.3, Copyright (c), by Zend Technologies
yabaserver@yabaserver:~$

yabaserver@yabaserver:~$ mysql --version
mysql Ver 8.0.27-0ubuntu0.20.04.1 for Linux on x86_64 ((Ubuntu))
yabaserver@yabaserver:~$ _
```

D.

```
GNU nano 4.8 /etc/munin/apache.conf
Alias /munin /var/cache/munin/www

<Directory /var/www/munin>
    Order allow,deny
    Allow from localhost 127.0.0.0/8 ::1
    Allow from all
    Options None

```

```
GNU nano 4.8 /etc/munin/munin.conf
# Example configuration file for Munin, generated by 'make build'

# The next three variables specifies where the location of the RRD
# databases, the HTML output, logs and the lock/pid files. They all
# must be writable by the user running munin-cron. They are all
# defaulted to the values you see here.
#
dbdir /var/lib/munin
htmldir /var/cache/munin/www
logdir /var/log/munin
rundir /var/run/munin

# Where to look for the HTML templates
#
tmpldir /etc/munin/templates

# Where to look for the static www files
#
staticdir /etc/munin/static
[ Read 145 lines ]
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos
^X Exit ^R Read File ^\ Replace ^U Paste Text ^T To Spell ^_ Go To Line
y@y-VirtualBox:~$ sudo mkdir /var/www/munin
y@y-VirtualBox:~$ sudo chown munin:munin /var/www/munin/
y@y-VirtualBox:~$ sudo service munin-node restart
y@y-VirtualBox:~$ service apache2 restart
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ====
Authentication is required to restart 'apache2.service'.
Authenticating as: Y,,, (y)
Password:
==== AUTHENTICATION COMPLETE ====
y@y-VirtualBox:~$ sudo service apache2 restart
```



Problems

Critical (0)
Warning (0)
Unknown (0)

Groups

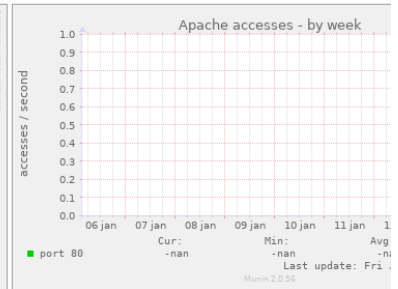
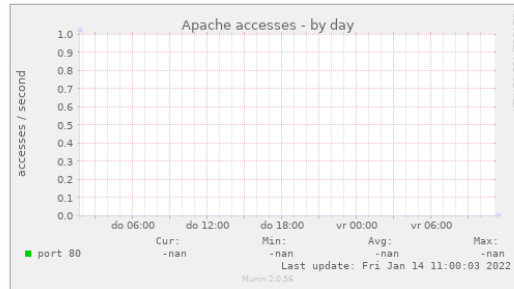
MuninMonitoring

Categories

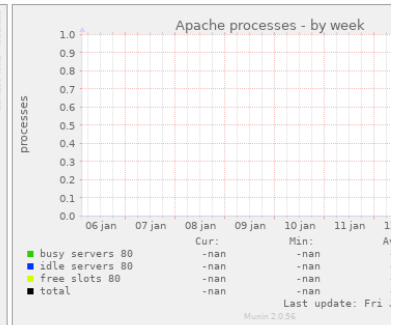
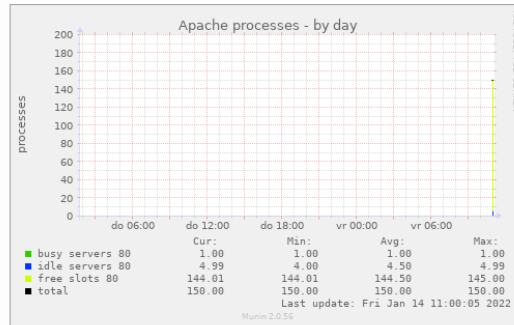
apache [d w m y]
disk [d w m y]
munin [d w m y]
network [d w m y]
processes [d w m y]
system [d w m y]

apache

Apache accesses



Apache processes



Apache volume

