EXP NO:9

DATE:10/10/24

ANALYZE DIFFERENT TYPES OF SERVERS USING WEBALIZER

Aim:

To analyze the different types of web logs using Webalizer tool.

Procedure:

- Step 1: Download Apache web server using- dnf install httpd
- Step 2: Configure SELINUX to permissive mode
- (open /etc/sysconfig/selinux Put SELINUX=permissive)
- Step 3: Start Apache web server using- systemctl start httpd.service
- Step 4: Create a directory for webalizer using - mkdir /var/www/html/webalizer
- Step 5: Install webalizer using - dnf install webalizer
- Step 6: Copy files from /var/www/usage to /var/www/html
- Step 7: Open /etc/webalizer.conf file and add the following-
- LogFile /var/log/httpd/access_log
- LogType clf
- Hostname localhost
- Output Dir /var/www/html/webalizer
- Step 8: Save it and then run webalizer
- Step 9: Open in web browser http://localhost/webalizer

WEBALIZER:

#Instructions to install, configure and run Webalizer on Fedora
#Enter the root password after typing su
Su

Step 1:Download Apache web server using- dnf install httpd

dnf install httpd

Step 2:Configure SELINUX to permissive mode

(open /etc/sysconfig/selinux Put SELINUX=permissive)
vi /etc/sysconfig/selinux
Put SELINUX=permissive instead of enforcing

Step 3: Start Apache web server using- systemctl start httpd.service

systemctl enable httpd.service
systemctl start httpd.service

Step 4: Create a directory for webalizer using - mkdir /var/www/html/webalizermkdir /var/www/html/webalizer

Step 5: Install webalizer using - dnf install webalizer

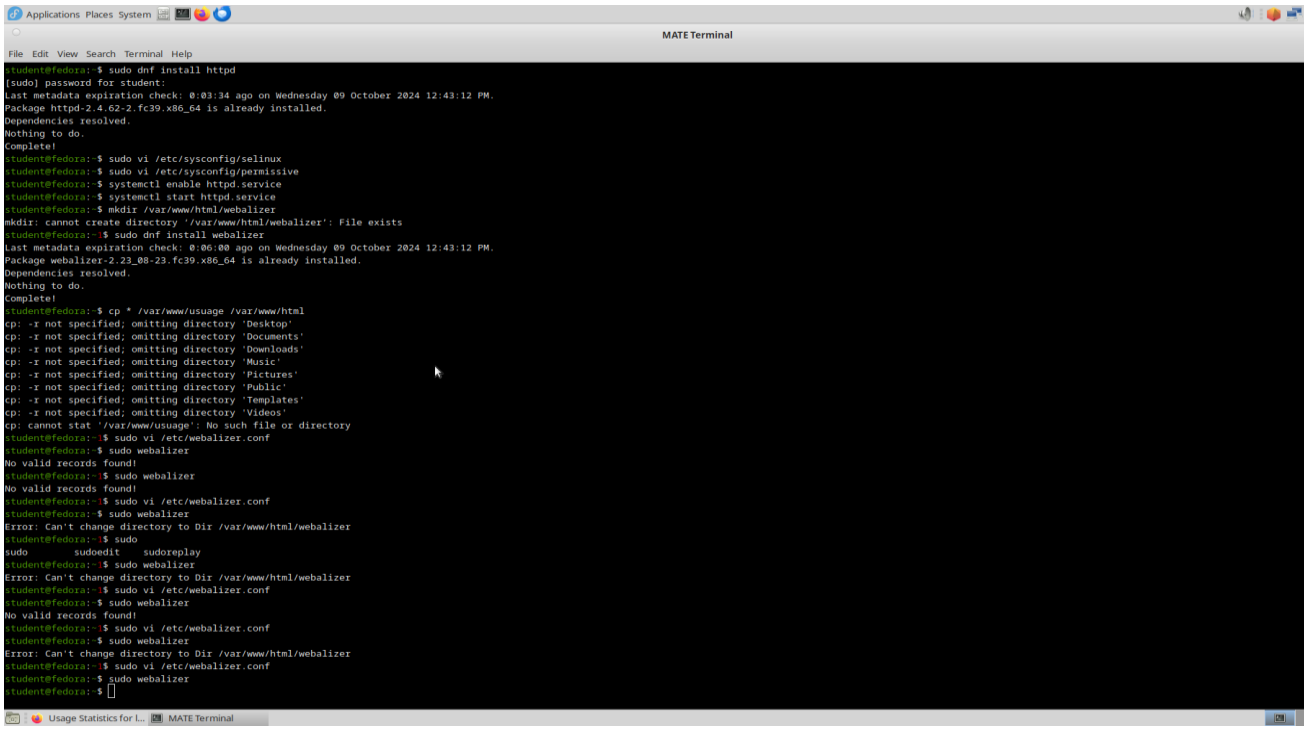
dnf install webalizer

Step 6: Copy files from /var/www/usage to /var/www/html

cp -r /var/www/usage /var/www/html

Step 7: Open /etc/webalizer.conf file and add the following-

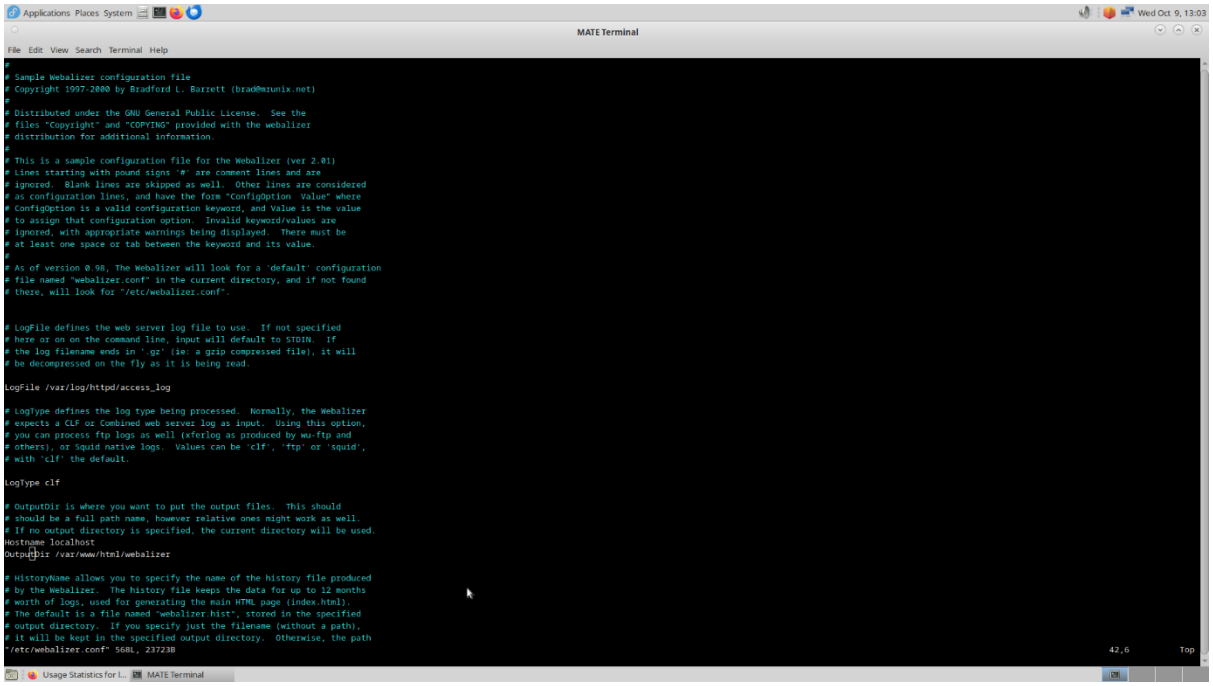
vi /etc/webalizer.conf



LogFile /var/log/httpd/access_log
LogType clf
Hostname localhost
OutputDir /var/www/html/webalizer

Step 8: Save it and then run webalizer

save it and then run Webalizer

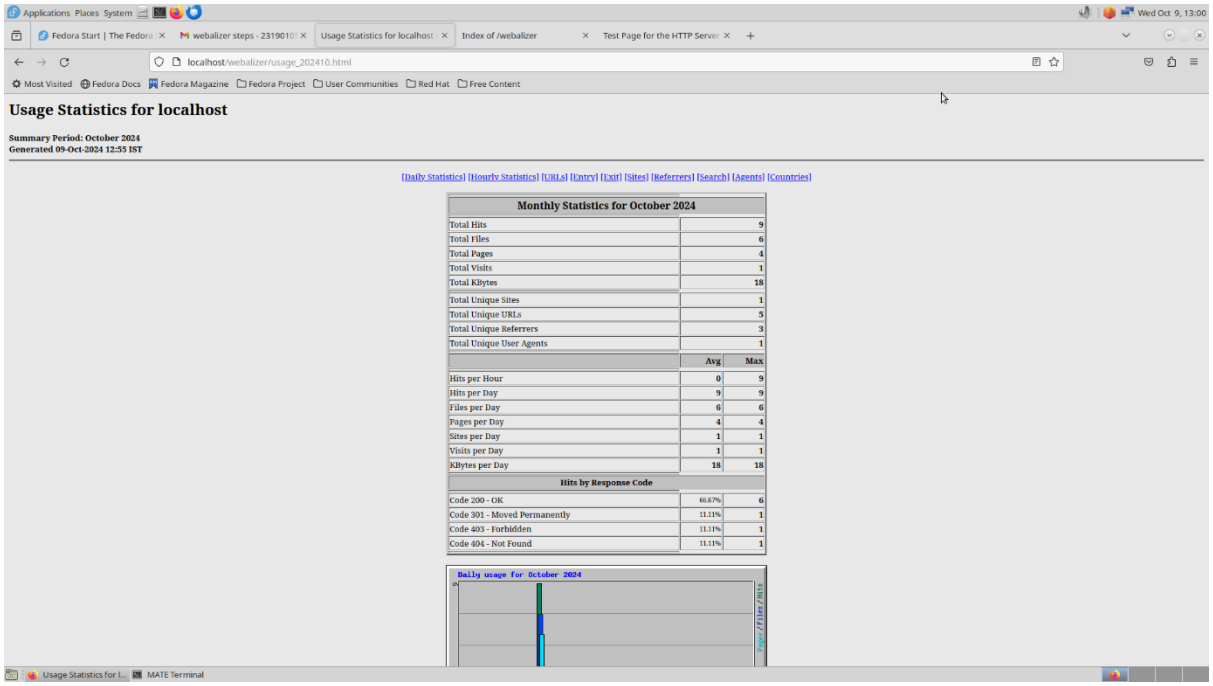


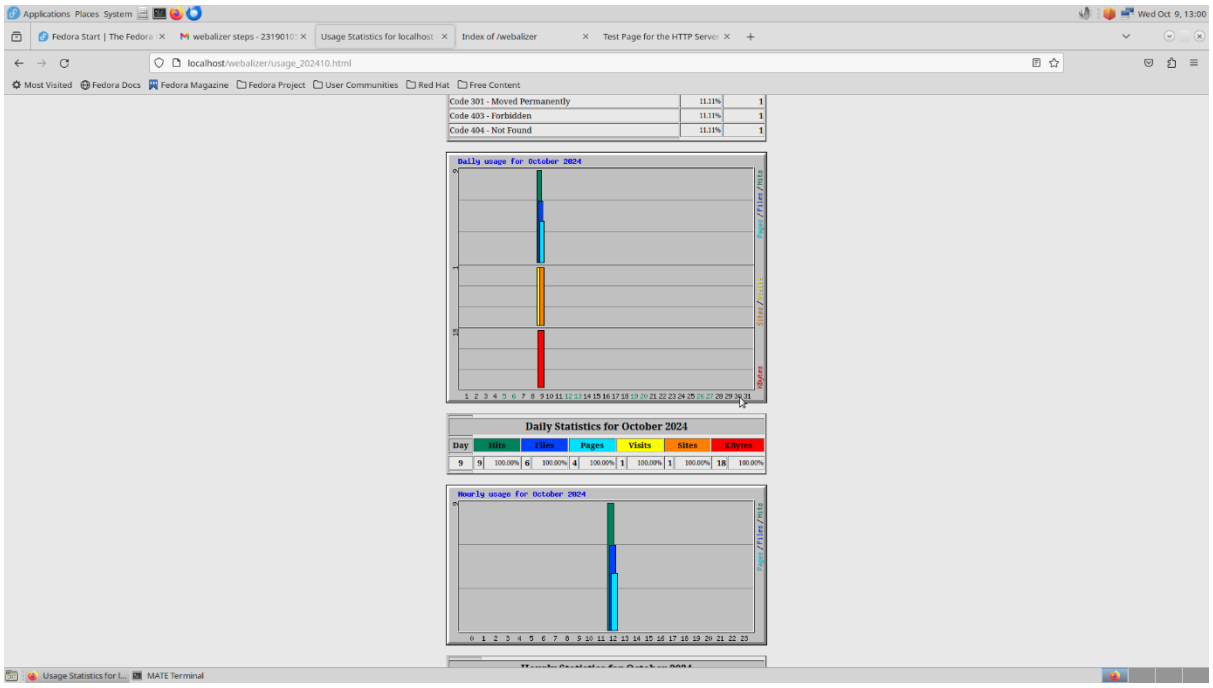
Step 9: Open in web browser http://localhost/webalizer

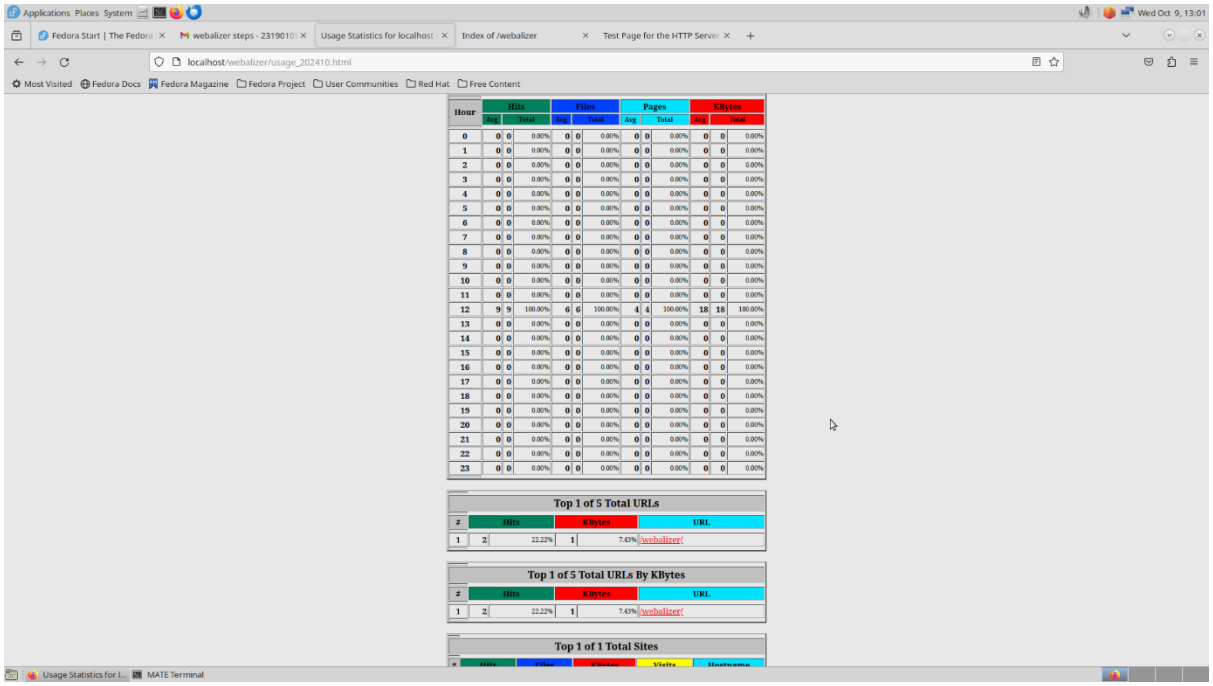
Open in browser http://localhost/webalizer
Click Oct.2023 link to get the report for this month

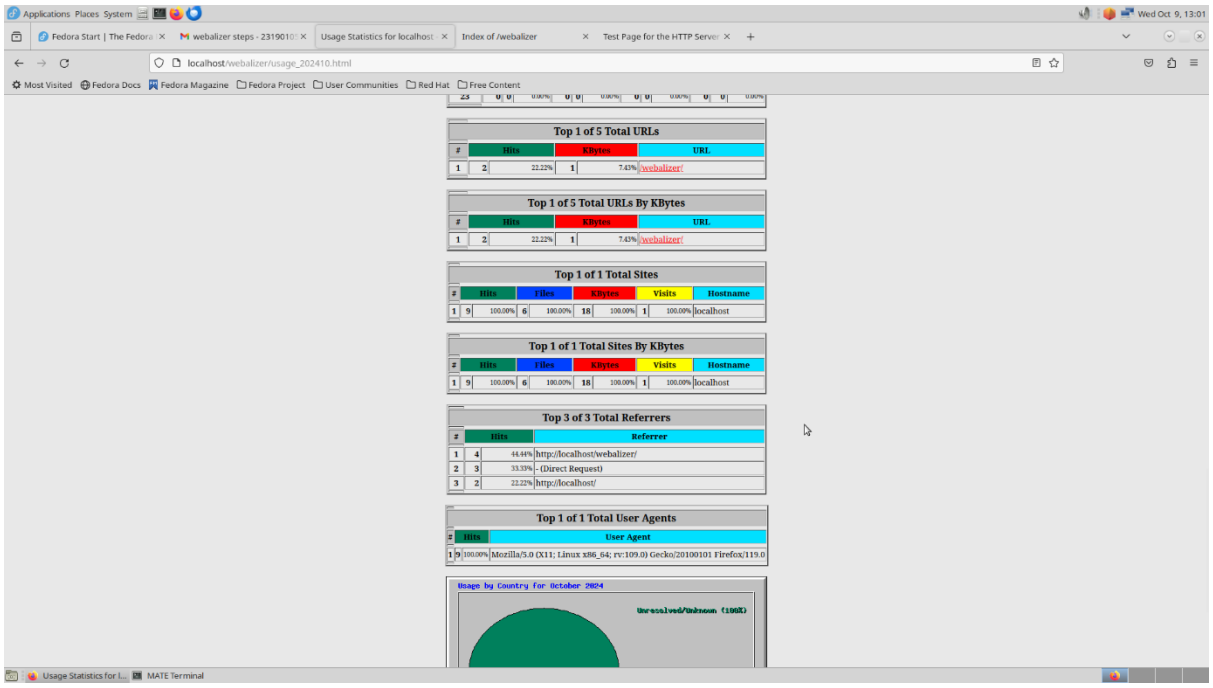
Before running webalizer, restart httpd server by typing-
systemctl restart httpd.service.

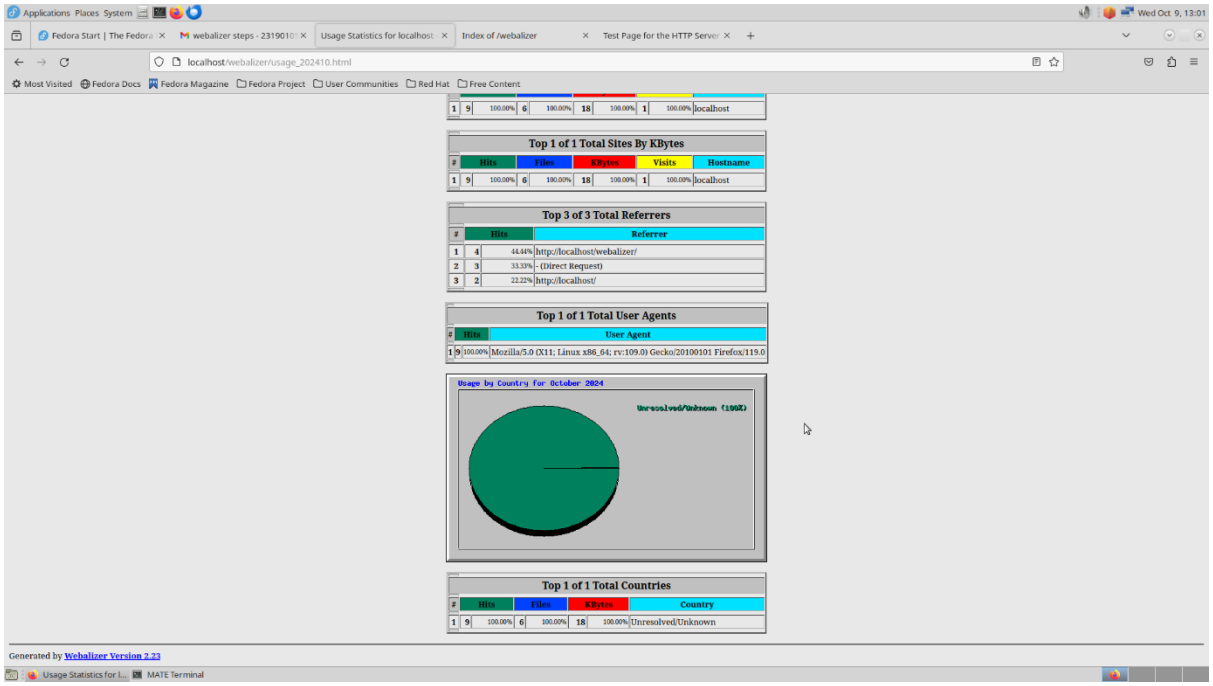
OUTPUT:


Usage Statistics for localhost
Summary Period: October 2024
Generated 09-Oct-2024 12:55 IST
[Daily Statistics] [Hourly Statistics] [URLs] [Entry] [Exit] [Sites] [Referrers] [Search] [Agents] [Countries]
Monthly Statistics for October 2024
Total Hits 9
Total Files 6
Total Pages 4
Total Visits 1
Total KBytes 18
Total Unique Sites 1
Total Unique URLs 5
Total Unique Referrers 3
Total Unique User Agents 1
Avg Max
Hits per Hour 0 9
Hits per Day 9 9
Files per Day 6 6
Pages per Day 4 4
Sites per Day 1 1
Visits per Day 1 1
KBytes per Day 18 18
Hits by Response Code
Code 200 - OK 66.67% 6
Code 301 - Moved Permanently 11.11% 1
Code 403 - Forbidden 11.11% 1
Code 404 - Not Found 11.11% 1
Daily usage for October 2024


Code 301 - Moved Permanently 11.11% 1
Code 403 - Forbidden 11.11% 1
Code 404 - Not Found 11.11% 1
Daily usage for October 2024
Daily Statistics for October 2024
Day Hits Files Pages Visits Sites KBytes
9 9 100.00% 6 100.00% 4 100.00% 1 100.00% 1 100.00% 18 100.00%
Hourly usage for October 2024


Applications Places System
Wed Oct 9, 13:01
Fedora Start | The Fedora
webalizer steps - 2319010
Usage Statistics for localhost
Index of /webalizer
Test Page for the HTTP Server
localhost/webalizer/usage_202410.html
Most Visited
Fedora Docs
Fedora Magazine
Fedora Project
User Communities
Red Hat
Free Content
Hour
Hits
Files
Pages
KBytes
Avg
Total
Top 1 of 5 Total URLs
Top 1 of 5 Total URLs By KBytes
Top 1 of 1 Total Sites
Usage Statistics for l...
MATE Terminal


Applications Places System
Wed Oct 9, 13:01
Fedora Start | The Fedora
webalizer steps - 2319010
Usage Statistics for localhost
Index of /webalizer
Test Page for the HTTP Server
localhost/webalizer/usage_202410.html
Most Visited
Fedora Docs
Fedora Magazine
Fedora Project
User Communities
Red Hat
Free Content
Top 1 of 5 Total URLs
Top 1 of 5 Total URLs By KBytes
Top 1 of 1 Total Sites
Top 1 of 1 Total Sites By KBytes
Top 3 of 3 Total Referrers
Top 1 of 1 Total User Agents
Usage by Country for October 2024
Unresolved/Unknown (100%)
Usage Statistics for l...
MATE Terminal



RESULT:

Apache server using webalizer tools is analyzed.