Ex No: 9 **Date:17/09/2024**
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ANALYZE DIFFERENT TYPES OF SERVERS USING WEBALIZER

AIM:

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

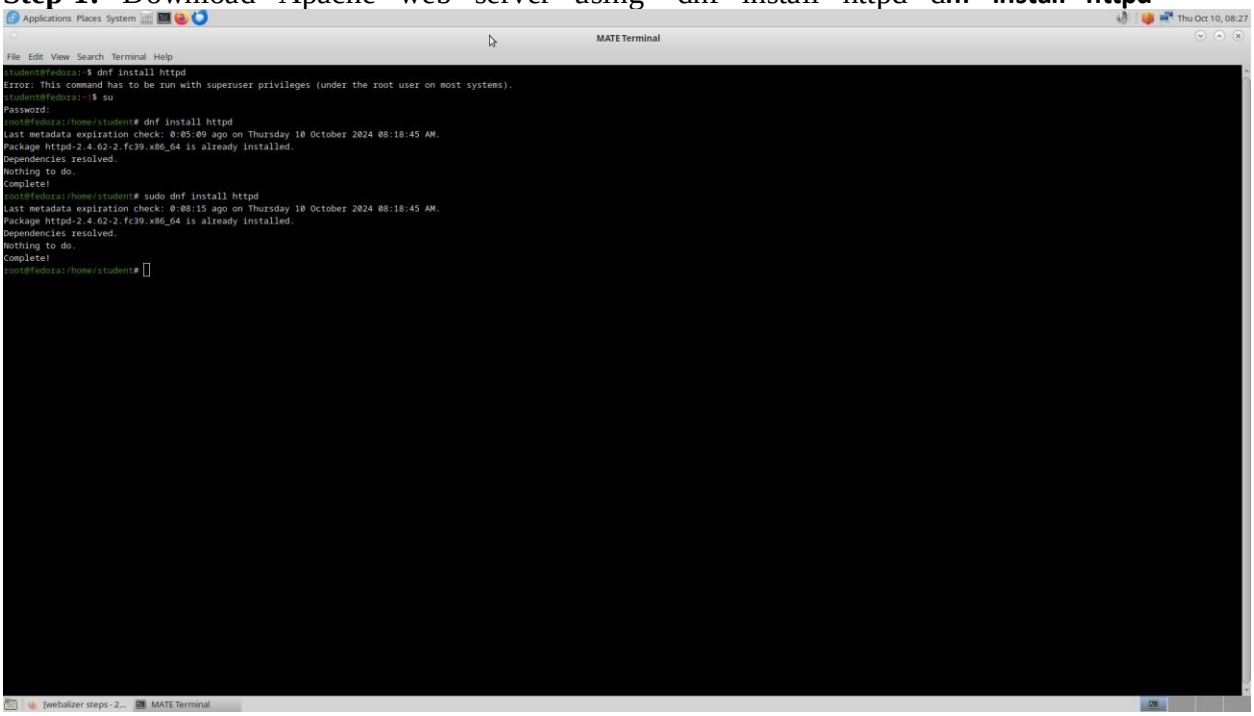
PROCEDURE:

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

#Instructions to install, configure and run Webalizer on Fedora

#Enter the root password after typing su

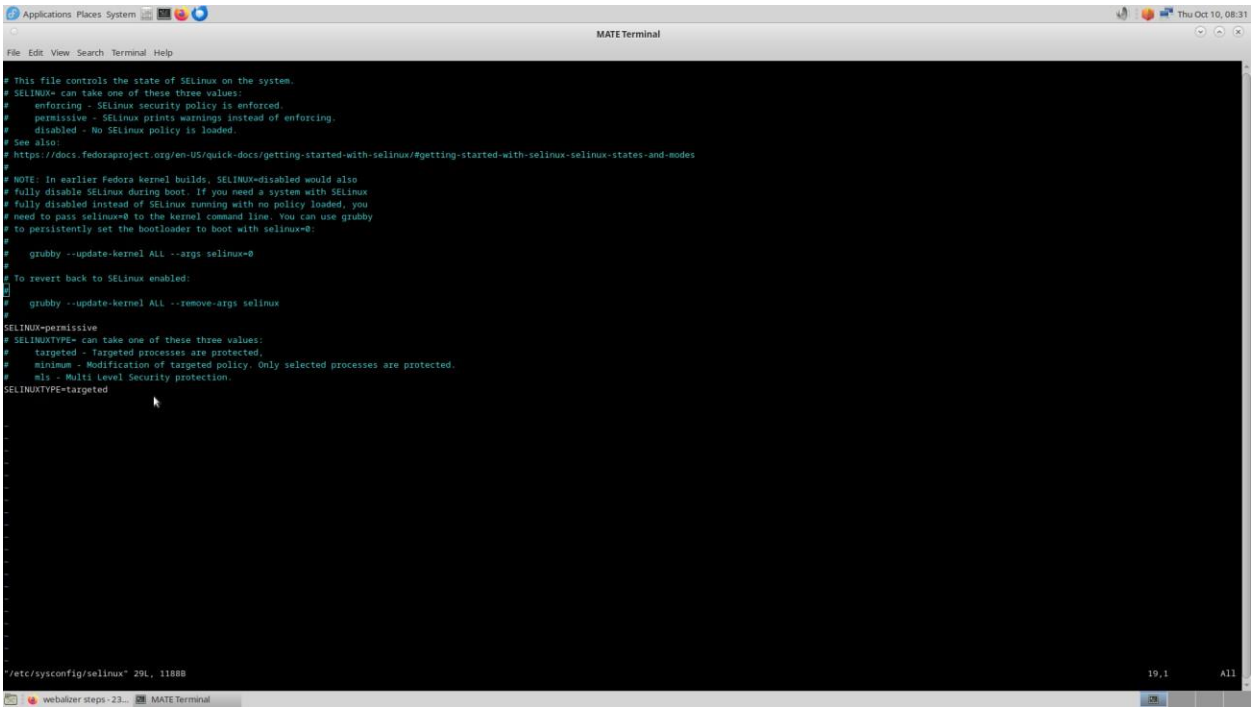
Step-1: Download Apache web server using- dnf install httpd d**nf install httpd**



Step-2: Configure SELINUX to permissive mode
(open /etc/sysconfig/selinux Put SELINUX=permissive)

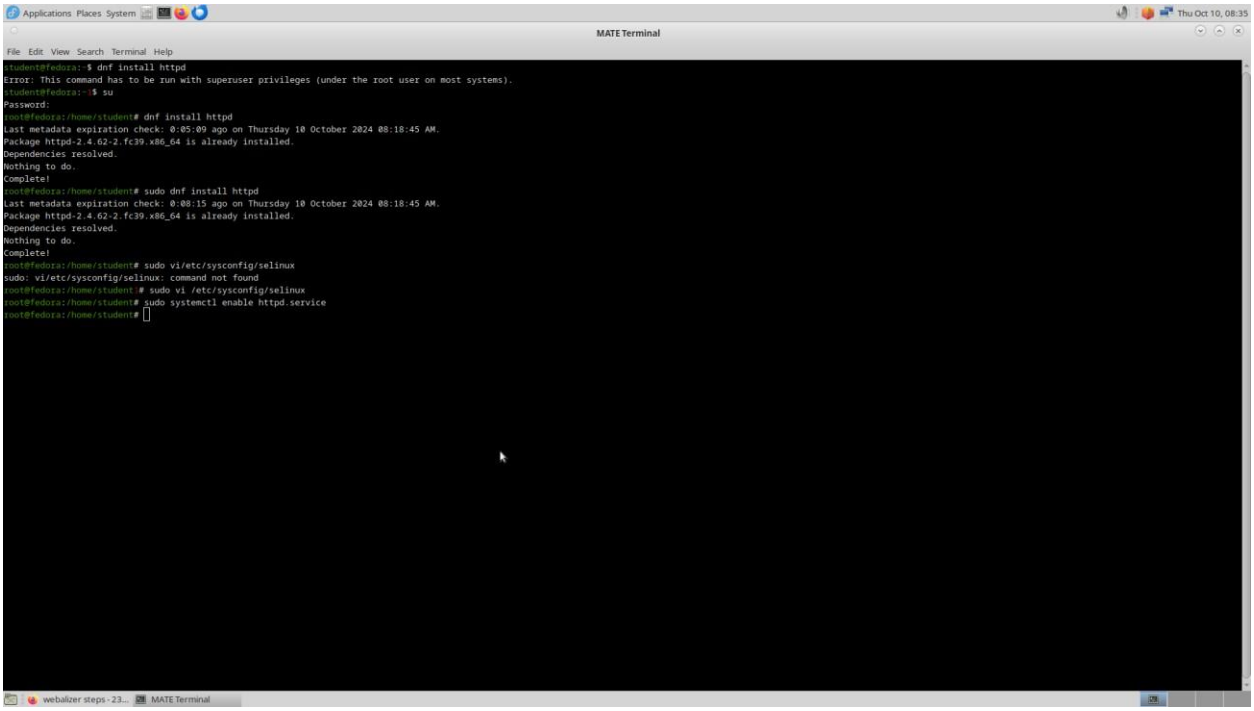
vi /etc/sysconfig/selinux

Put SELINUX=permissive instead of enforcing



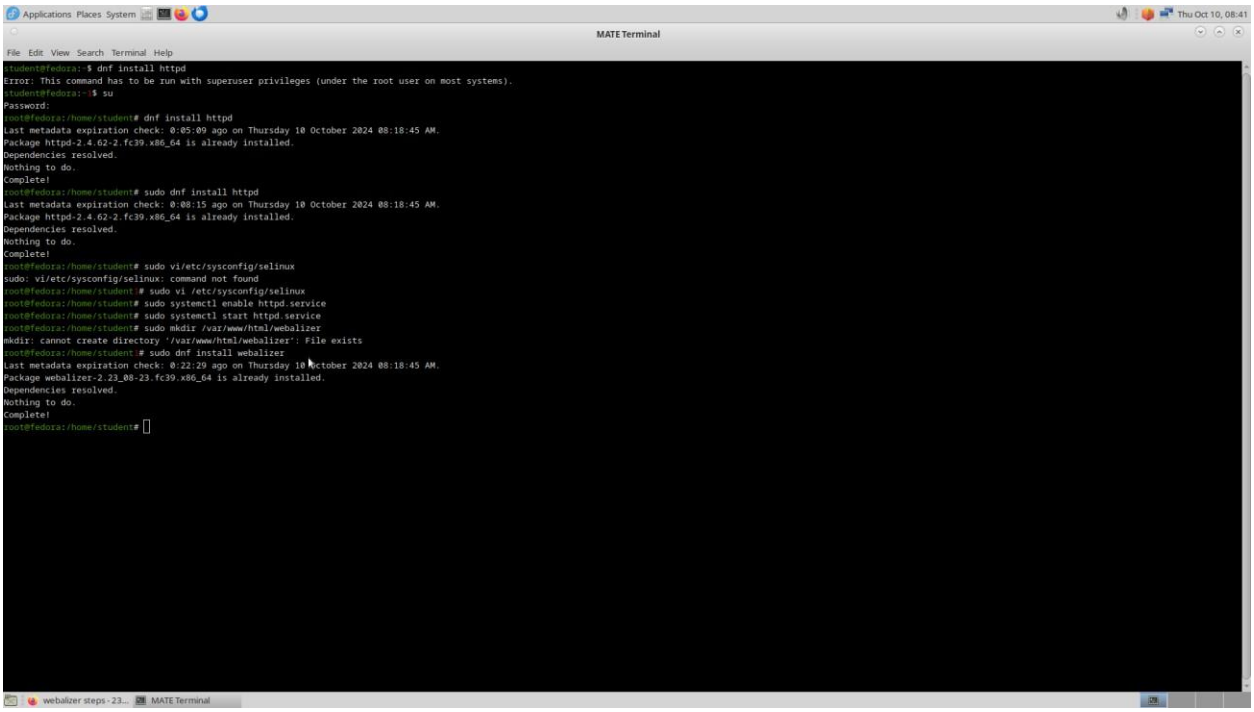
Step 3: Start Apache web server using- systemctl start httpd.service
systemctl enable httpd.service

systemctl start httpd.service



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

mkdir /var/www/html/webalizer

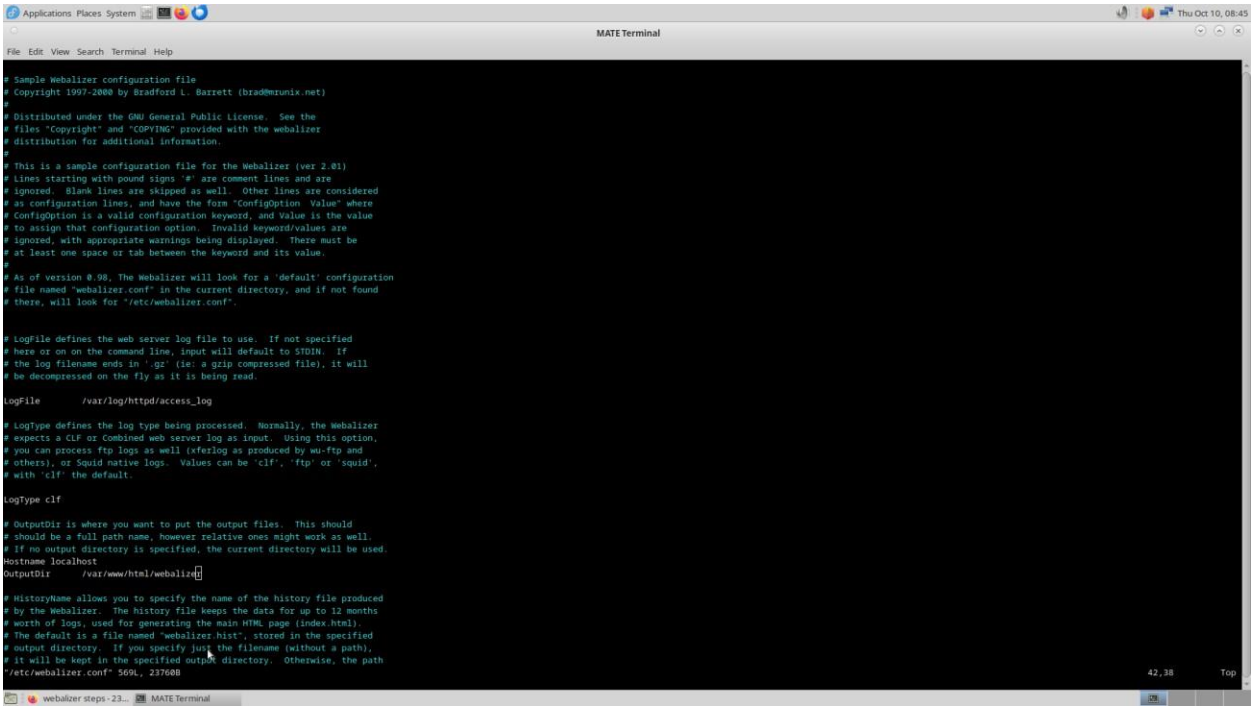


Step 5: Install webalizer using - dnf install webalizer

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

#add the following lines

LogFile /var/log/httpd/access_log #This is enabled in newer versions of fedora

LogType clf

Hostname localhost #For this one you can remove comment denoted by '#'

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

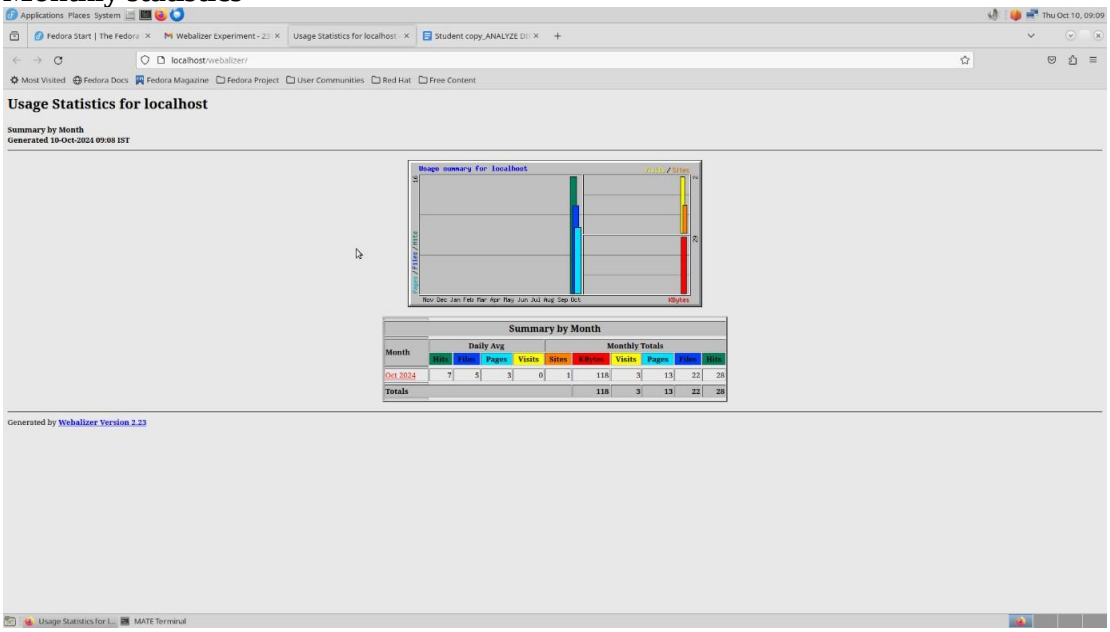
Click Oct.2023 link to get the report for this month

Before running webalizer, restart httpd server by typing-

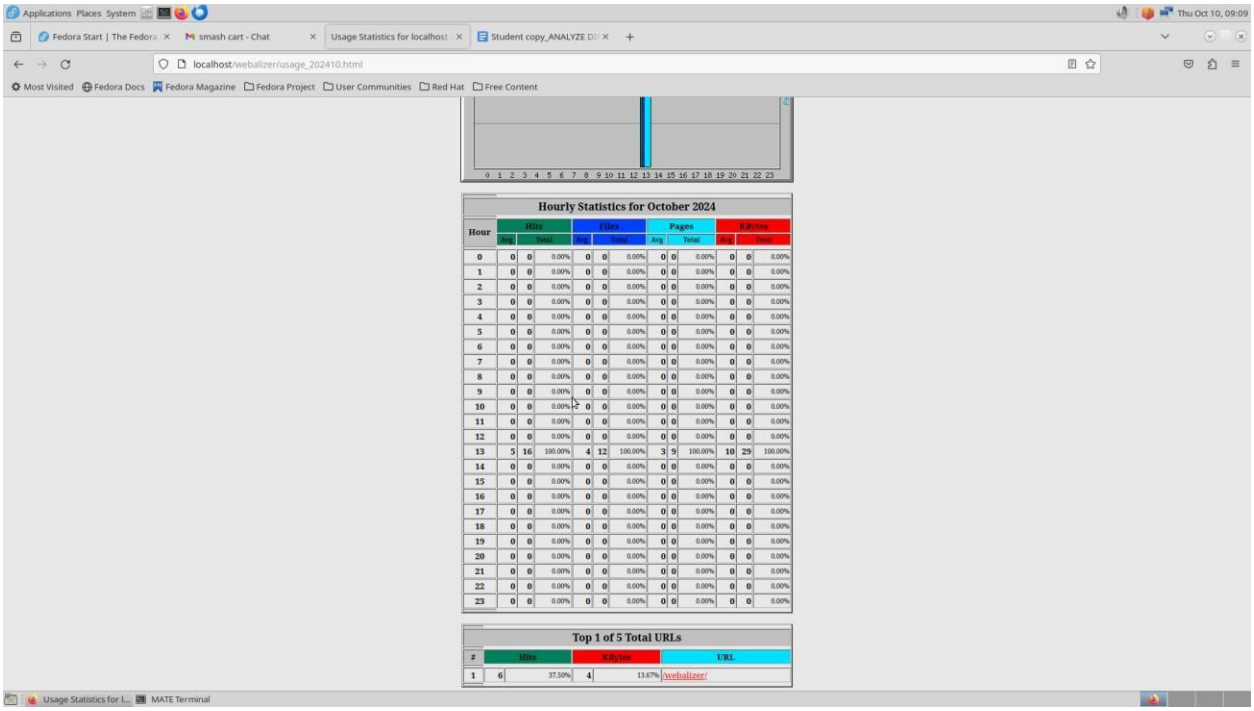
systemctl restart httpd.service

OUTPUT:

Monthly statistics



Hosts



Hourly Statistics for October 2024

Hour	Hits			Files			Pages			KBytes		
	Avg	Total		Avg	Total		Avg	Total		Avg	Total	
0	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
1	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
2	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
3	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
4	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
5	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
6	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
7	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
8	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
9	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
10	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
11	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
12	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
13	5	16	100.00%	4	12	100.00%	3	9	100.00%	10	29	100.00%
14	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
15	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
16	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
17	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
18	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
19	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
20	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
21	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
22	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
23	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%

Top 1 of 5 Total URLs

#	Hits		KBytes		URL
1	6	37.50%	4	13.67%	/webalizer/

Result:

Thus,the experiment of Analyze of different types of server using Webalizer was done.