

Exp No: 9  
231901029

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DATE:17.09.2024

## **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 followingLogFile  
`/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

1. Download Apache web server using- `dnf install httpd`

`dnf install httpd`

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>

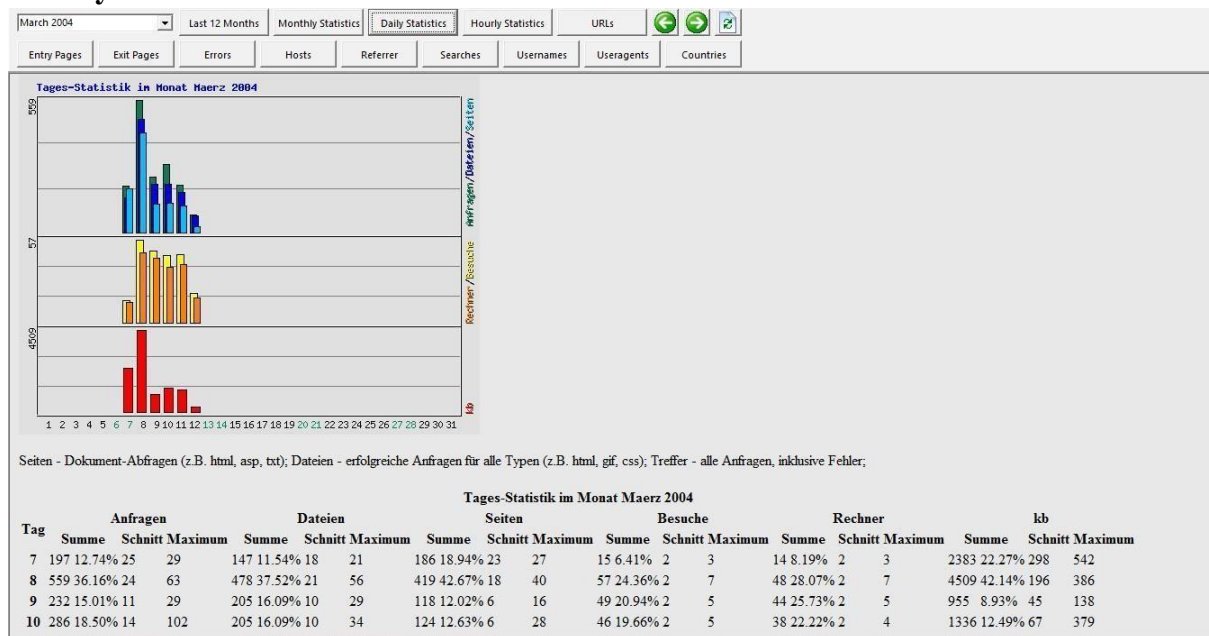
Click Oct.2023 link to get the report for this month

Before running webalizer, restart httpd server by typing-




`systemctl restart httpd.service`

## OUTPUT:

### Monthly statistics



### Hosts

March 2004	Last 12 Months	Monthly Statistics	Daily Statistics	Hourly Statistics	URLs			
Entry Pages	Exit Pages	Errors	Hosts	Referrer	Searches	Username	Useragents	Countries

Top 20 von 171 Rechnern (IP-Adressen)											
#	Anfragen	Dateien	Seiten	kb	Besuche	Dauer	Land	Rechnername			
1	100	6.47%	83	6.51%	46	4.68%	472	4.41%	10	4.27%	8.48 39.85
2	72	4.66%	71	5.57%	52	5.30%	86	0.80%	71	30.34%	0.09 6.62
3	47	3.04%	41	3.22%	43	4.38%	613	5.73%	4	1.71%	3.77 15.10
4	44	2.85%	42	3.30%	23	2.34%	244	2.28%	2	0.85%	4.51 4.70
5	35	2.26%	29	2.28%	14	1.43%	218	2.03%	7	2.99%	1.31 6.00
6	29	1.88%	28	2.20%	14	1.43%	97	0.91%	1	0.43%	3.43 3.43
7	23	1.49%	14	1.10%	10	1.02%	135	1.26%	1	0.43%	12.35 12.35
8	22	1.42%	22	1.73%	8	0.81%	67	0.63%	1	0.43%	3.72 3.72
9	19	1.23%	19	1.49%	7	0.71%	61	0.57%	1	0.43%	1.52 1.52
10	19	1.23%	11	0.86%	10	1.02%	51	0.48%	2	0.85%	3.04 5.87
11	15	0.97%	14	1.10%	13	1.32%	130	1.22%	3	1.28%	1.29 3.87
12	13	0.84%	13	1.02%	13	1.32%	120	1.12%	1	0.43%	3.88 3.88
13	13	0.84%	13	1.02%	1	0.10%	28	0.26%	1	0.43%	0.13 0.13
14	13	0.84%	13	1.02%	2	0.20%	30	0.28%	1	0.43%	0.87 0.87
15	12	0.78%	11	0.86%	9	0.92%	68	0.63%	1	0.43%	25.53 25.53
16	12	0.78%	12	0.94%	1	0.10%	27	0.25%	1	0.43%	0.33 0.33
17	12	0.78%	12	0.94%	1	0.10%	27	0.25%	1	0.43%	0.10 0.10
18	11	0.71%	11	0.86%	7	0.71%	41	0.38%	2	0.85%	0.56 1.03
19	10	0.65%	9	0.71%	7	0.71%	41	0.38%	1	0.43%	1.40 1.40
20	10	0.65%	10	0.78%	2	0.20%	61	0.57%	1	0.43%	0.17 0.17
3_343_lt_someone											

Top 10 von 171 Rechnern (IP-Adressen) sortiert nach kb											
#	Anfragen	Dateien	Seiten	kb	Besuche	Dauer	Land	Rechnername			
1	47	3.04%	41	3.22%	43	4.38%	613	5.73%	4	1.71%	3.77 15.10
2	100	6.47%	83	6.51%	46	4.68%	472	4.41%	10	4.27%	8.48 39.85
3	44	2.85%	42	3.30%	23	2.34%	244	2.28%	2	0.85%	4.51 4.70

## RESULT:

Apache server using webalizer tools analyzed