

**Ex No: 9      ANALYZE DIFFERENT TYPES OF SERVERS USING**  
**DATE: 10.10.2024      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

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

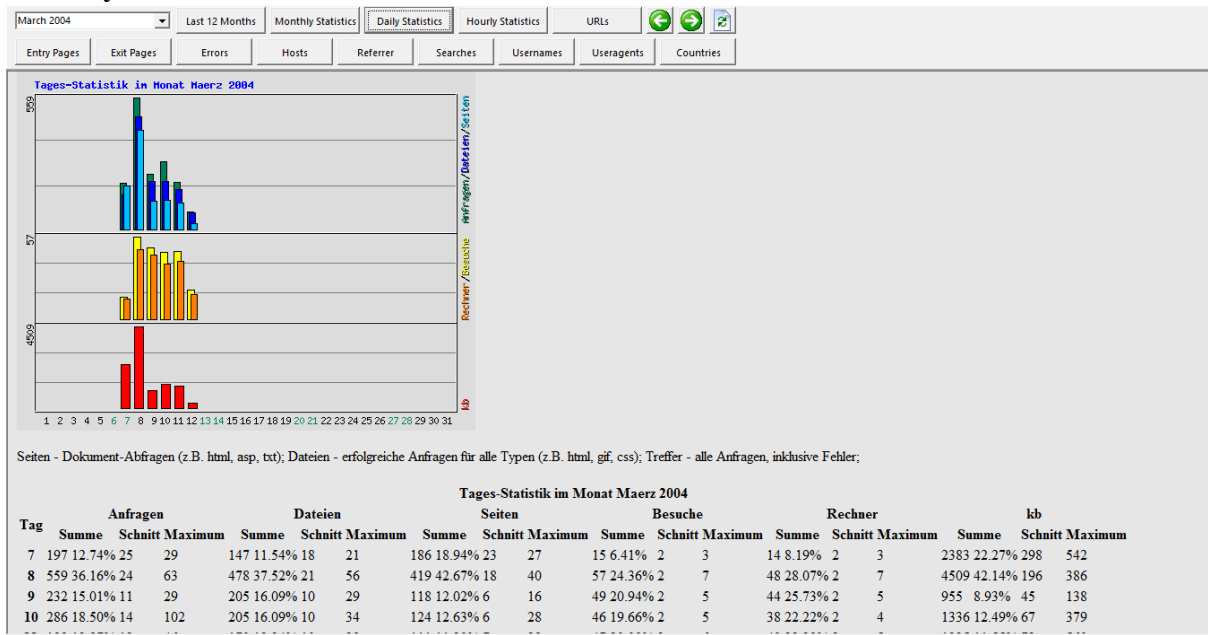
Click Oct.2023 link to get the report for this month

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

Usernames

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 shawcable.net
2	72	4.66%	71	5.57%	52	5.30%	86	0.80% 71 30.34% 0.09 6.62 inktomisearch.com
3	47	3.04%	41	3.22%	43	4.38%	613	5.73% 4 1.71% 3.77 15.10 overture.com
4	44	2.85%	42	3.30%	23	2.34%	244	2.28% 2 0.85% 4.51 4.70 hevanet.com
5	35	2.26%	29	2.28%	14	1.43%	218	2.03% 7 2.99% 1.31 6.00 bc.ca
6	29	1.88%	28	2.20%	14	1.43%	97	0.91% 1 0.43% 3.43 3.43 panduit.com
7	23	1.49%	14	1.10%	10	1.02%	135	1.26% 1 0.43% 12.35 12.35 geovariances.fr
8	22	1.42%	22	1.73%	8	0.81%	67	0.63% 1 0.43% 3.72 3.72 cox.net
9	19	1.23%	19	1.49%	7	0.71%	61	0.57% 1 0.43% 1.52 1.52 ac.il
10	19	1.23%	11	0.86%	10	1.02%	51	0.48% 2 0.85% 3.04 5.87 netinfo.bg
11	15	0.97%	14	1.10%	13	1.32%	130	1.22% 3 1.28% 1.29 3.87 e-i.net
12	13	0.84%	13	1.02%	13	1.32%	120	1.12% 1 0.43% 3.88 3.88 telia.net
13	13	0.84%	13	1.02%	1	0.10%	28	0.26% 1 0.43% 0.13 0.13 net.ar
14	13	0.84%	13	1.02%	2	0.20%	30	0.28% 1 0.43% 0.87 0.87 dhl.com
15	12	0.78%	11	0.86%	9	0.92%	68	0.63% 1 0.43% 25.53 25.53 tiscali.de
16	12	0.78%	12	0.94%	1	0.10%	27	0.25% 1 0.43% 0.33 0.33 wtbts.org
17	12	0.78%	12	0.94%	1	0.10%	27	0.25% 1 0.43% 0.10 0.10 qwest.net
18	11	0.71%	11	0.86%	7	0.71%	41	0.38% 2 0.85% 0.56 1.03 radiant.net
19	10	0.65%	9	0.71%	7	0.71%	41	0.38% 1 0.43% 1.40 1.40 net.au
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 overture.com
2	100	6.47%	83	6.51%	46	4.68%	472	4.41% 10 4.27% 8.48 39.85 shawcable.net
3	44	2.85%	42	3.30%	23	2.34%	244	2.28% 2 0.85% 4.51 4.70 hevanet.com

## RESULT:

Apache server using webalizer tools analyzed