

Ex No: 15
DATE: 20.10.2025

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:

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 | | | | | | | | | | | |
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RESULT: Apache server using webalizer tools analyzed