

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

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- 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_it_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