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

DATE : 17.09.2024 **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 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

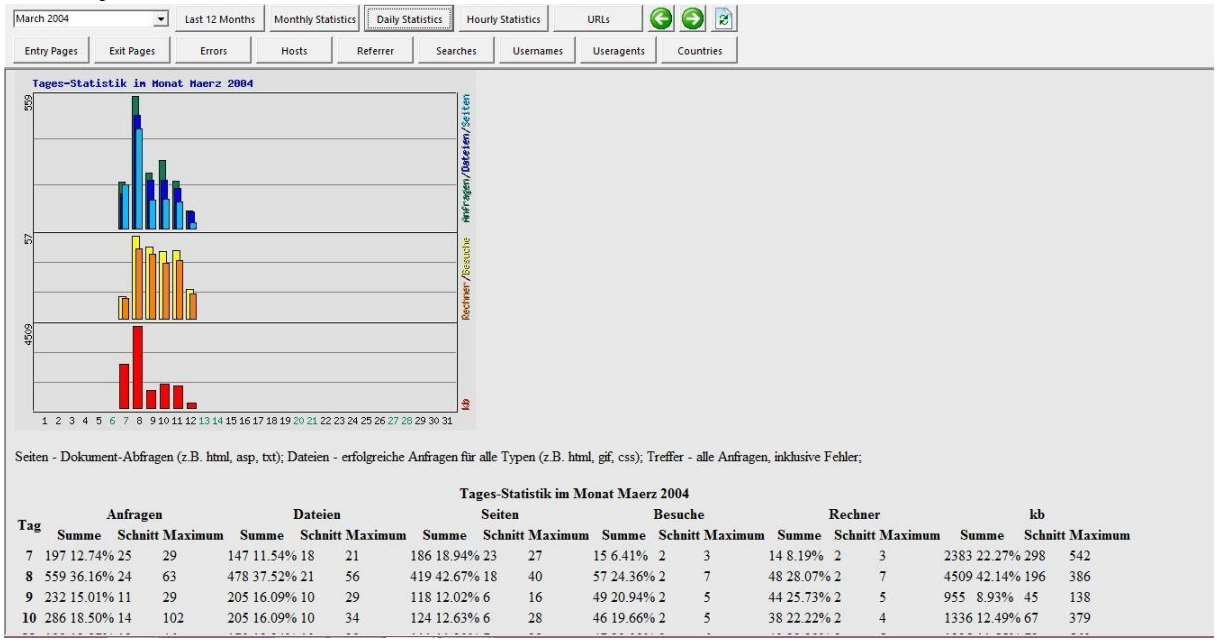
Click Oct.2023 link to get the report for this month

Before running webalizer, restart httpd server by typing-

systemctl restart httpd.service

OUTPUT:

Monthly statistics

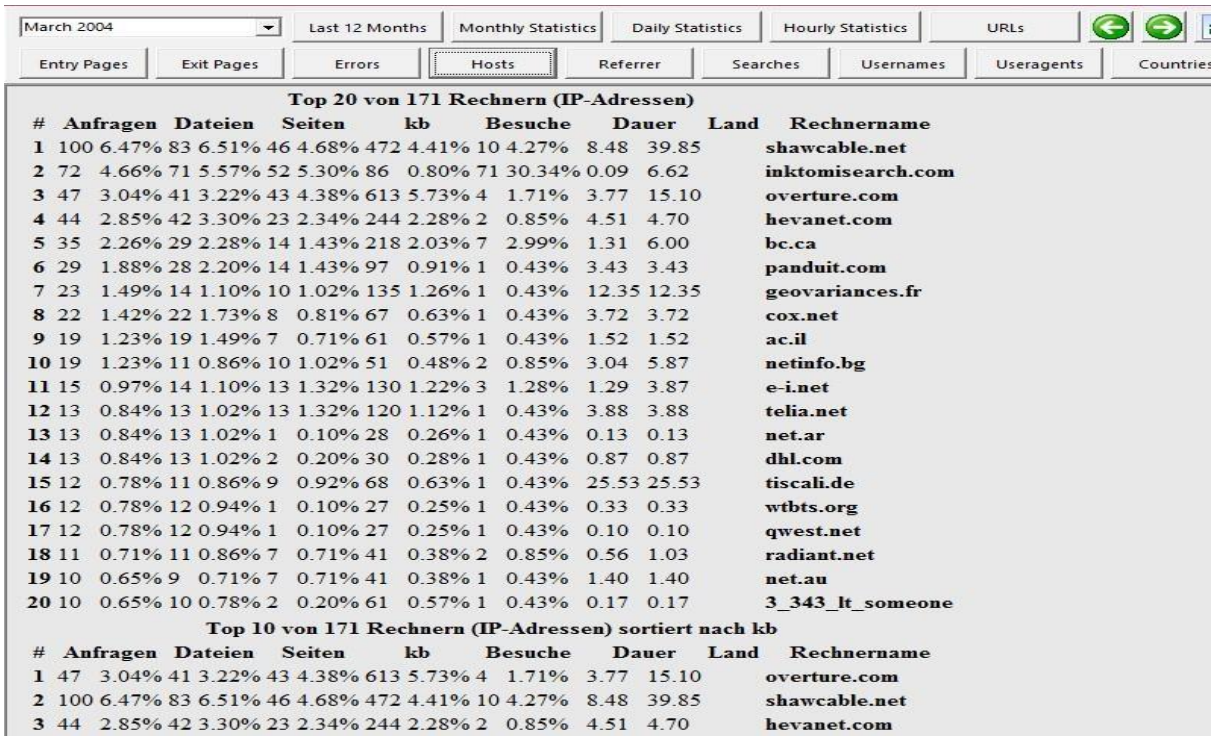


Seiten - Dokument-Abfragen (z.B. html, asp, txt); Dateien - erfolgreiche Anfragen für alle Typen (z.B. html, gif, css); Treffer - alle Anfragen, inklusive Fehler;

Tages-Statistik im Monat Maerz 2004

Tag	Anfragen			Dateien			Seiten			Besuche			Rechner			kb		
	Summe	Schnitt	Maximum	Summe	Schnitt	Maximum	Summe	Schnitt	Maximum	Summe	Schnitt	Maximum	Summe	Schnitt	Maximum	Summe	Schnitt	Maximum
7	197 12.74%	25	29	147 11.54%	18	21	186 18.94%	23	27	15 6.41%	2	3	14 8.19%	2	3	2383 22.27%	298	542
8	559 36.16%	24	63	478 37.52%	21	56	419 42.67%	18	40	57 24.36%	2	7	48 28.07%	2	7	4509 42.14%	196	386
9	232 15.01%	11	29	205 16.09%	10	29	118 12.02%	6	16	49 20.94%	2	5	44 25.73%	2	5	955 8.93%	45	138
10	286 18.50%	14	102	205 16.09%	10	34	124 12.63%	6	28	46 19.66%	2	5	38 22.22%	2	4	1336 12.49%	67	379

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