Access Server performance Report

August 10, 2015

This general report details your server performance based on access time, access errors and access IPs.

Contents

1   Access Time

This report covers server access time between July 26, 2015 and July 30, 2015 approximately 4.5 days period. There were a total of 6212497 access requests from 361404 different IP addresses which comest to approximately 1553124 access per day. On average, your servers are easily reachable in the Evening with average access time is about
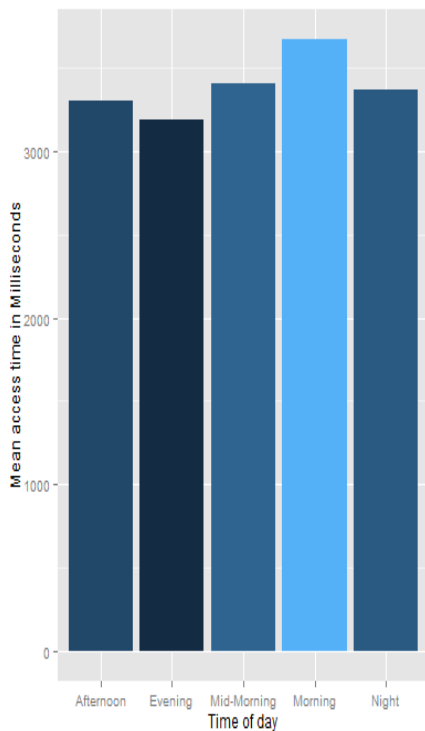

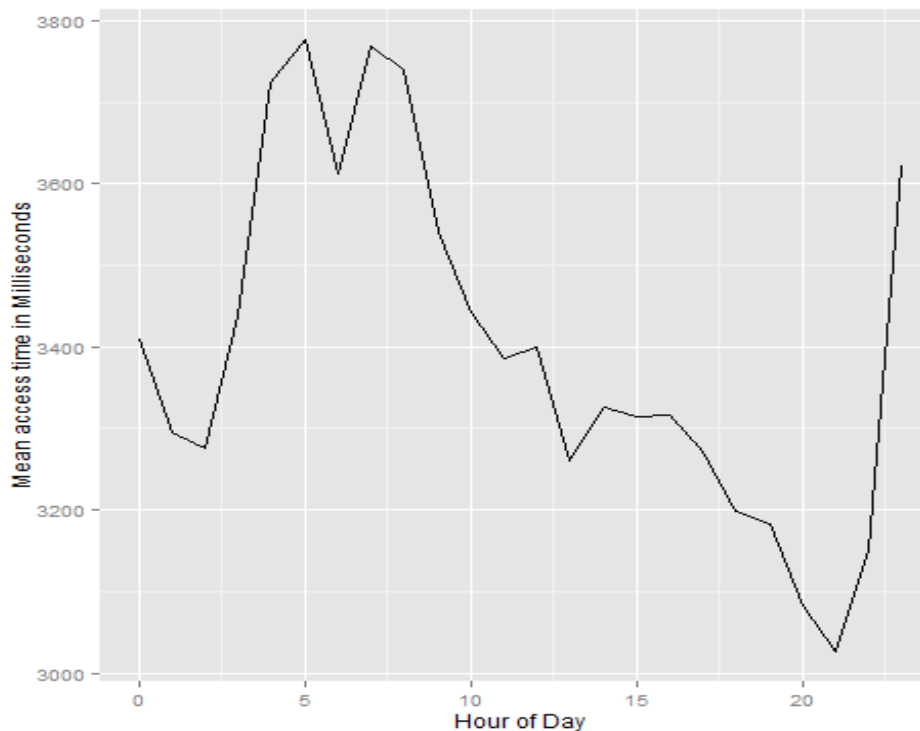Figure 1:   Average access time by time of day

Figure 2:   Average access time by hour

31.9 Seconds. Your servers are much busier in the Morning with an access time averageing 36.7 seconds. On a hour-by-hour breakdown, your servers are easily reachable around 2100HR when the average access time is about 30.3 Seconds. Your servers are much busier around 0500HRS when access time averages 37.8 seconds. There are a total of 90 different scripts that are being accessed by your users, the most higly accessed are listed in the table below

Script	Access Freq.
POST /mobiads-webservice/index.php HTTP/1.1	5591958
-	137778
GET /trackables/data/22072015601.zip HTTP/1.1	126962
GET /trackables/data/03072015331.zip HTTP/1.1	124468
GET /trackables/data/royaltyking.zip HTTP/1.1	120266
OPTIONS * HTTP/1.0	44604
POST /mobiads-webservice/index.php HTTP/1.0	26767
GET /mobiads/ HTTP/1.1	15318
GET /mobiads/upload/20072015623pm.png HTTP/1.1	5340
GET /mobiads/upload/18072015908.png HTTP/1.1	3617

Table 1: Most accessed scripts

The table below also shows the 10 top heavy scripts accessed from your server based on average access time in seconds.

Script	Access Time in seconds
GET /mobiads/upload/15072015408.png HTTP/1.1	4397.60
GET /mobiads/upload/18072015908.png HTTP/1.1	4397.60
GET /mobiads/upload/15072015408.png HTTP/1.0	4397.50
GET /mobiads/upload/18072015908.png HTTP/1.0	4397.50
GET /mobiads/upload/G160720151050am._.png HTTP/1.1	2928.80
GET /mobiads/upload/G160720151050am._1.png HTTP/1.1	2928.80
GET /mobiads/upload/G160720151050am._.png HTTP/1.0	2928.70
GET /mobiads/upload/G160720151050am._1.png HTTP/1.0	2928.70
GET /mobiads/upload/c130720151117pm.png HTTP/1.1	2775.90
GET /mobiads/upload/c130720151117pm.png HTTP/1.0	2775.90

Table 2: Average access time for top 10 heavy scripts

2   Access Status

There were a total of 6212497 access requests logged by your server, of these, 97.75 percent were successful. The table below shows the breakdown by server status code.

Apache Status Code	Freq	Percentage
200	6072694	97.75
206	11	0.00
301	1	0.00
304	1901	0.03
400	2	0.00
404	26	0.00
408	137825	2.22
501	36	0.00

Table 3: Breakdown of server access status

A Chi-Square test of independence to determine whether your top three errors occur at particular times of day indicates that there is statistically significant evidence to support the idea that some errors in your server occur at particular times, the results are as below

	Afternoon	Evening	Mid-Morning	Morning	Night
304	2	0	2	3	7
408	228	216	136	122	173

X-squared	df	p-value
10.98	4	0.03

Table 4: Top errors by time of day

3   Conclusion