

Mohamed hany khattab 2205053

LOG ANALYSIS REPORT

Generated: Sat May 10 10:48:19 AM EDT 2025

Analyzed file: sample.log

=====

1. REQUEST ANALYSIS

=====

Total requests: 114

GET requests: 81

POST requests: 13

2. IP ADDRESS ANALYSIS

=====

Unique IP addresses: 105

Top 10 IPs by request volume:

5 #

4

2 192.168.1.2

2 192.168.1.1

1 203.0.113.9

1 203.0.113.8

1 203.0.113.7

1 203.0.113.6

1 203.0.113.5

3. STATUS CODE ANALYSIS

Failed requests (4xx/5xx): 42 (36.84%)

Status code distribution:

42 200

17 400

10 404

9

7 like 5 +0000] 4 403 3 201 2 Build/PPR1.180610.011) 2 502 2 500 2 204 1 Mac 1 505 1 504 1
503 1 429 1 422 1 410 1 401 1 302

. TEMPORAL ANALYSIS

=====

Requests by hour:

9 :00

59 00:00

41 01:00

1 09:00

1 10:00

2 14:00

1 15:00

Daily request averages:

: 24 requests

10/May/2023: 3 requests

11/May/2023: 2 requests

12/May/2023: 85 requests

Average: 28 requests/day

Days with most failures:

40 12/May/2023

1 11/May/2023

1 10/May/2023

5. RECOMMENDATIONS

=====

1. Peak traffic hour: 59 00:00 - consider scaling resources during this time
2. Highest failure day: 40 12/May/2023 - investigate server issues on this day
3. Top IPs making requests may need monitoring for suspicious activity
4. Review endpoints generating 404 errors to fix broken links
5. Consider caching for frequently accessed resources during peak hours

End of report