

Log Analysis Report

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1. Request Counts

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Total Requests: 10000
GET Requests: 9952
POST Requests: 5

2. Unique IP Addresses

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Total Unique IPs: 1753

GET and POST requests per IP:
100.2.4.116: GET=6, POST=0
100.43.83.137: GET=84, POST=0
101.119.18.35: GET=33, POST=0
101.199.108.50: GET=3, POST=0
101.226.168.196: GET=1, POST=0
101.226.168.198: GET=1, POST=0
101.226.33.222: GET=2, POST=0
103.245.44.13: GET=4, POST=0
103.247.192.5: GET=1, POST=0
103.25.13.22: GET=1, POST=0
103.9.43.132: GET=1, POST=0
105.224.234.235: GET=1, POST=0
105.235.130.196: GET=6, POST=0

3. Failure Requests (4xx/5xx)

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Failed Requests: 220
Failure Percentage: 2.20%

4. Top User

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Most Active IP: 66.249.73.135 (482 requests)

5. Daily Request Averages

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Number of Days: 4405

Average Requests per Day: 2.27

6. Days with Highest Failures

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No failed requests (4xx/5xx) found in the log file.

7. Requests by Hour

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Hour 00: 361 requests
Hour 01: 360 requests
Hour 02: 365 requests
Hour 03: 354 requests
Hour 04: 355 requests
Hour 05: 371 requests
Hour 06: 366 requests
Hour 07: 357 requests
Hour 08: 345 requests
Hour 09: 364 requests
Hour 10: 443 requests
Hour 11: 459 requests
Hour 12: 462 requests
Hour 13: 475 requests
Hour 14: 498 requests

8. Request Trends

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Hour 01: Decreasing (from 361 to 360 requests)
Hour 02: Increasing (from 360 to 365 requests)
Hour 03: Decreasing (from 365 to 354 requests)
Hour 04: Increasing (from 354 to 355 requests)
Hour 05: Increasing (from 355 to 371 requests)
Hour 06: Decreasing (from 371 to 366 requests)
Hour 07: Decreasing (from 366 to 357 requests)
Hour 08: Decreasing (from 357 to 345 requests)
Hour 09: Increasing (from 345 to 364 requests)
Hour 10: Increasing (from 364 to 443 requests)
Hour 11: Increasing (from 443 to 459 requests)
Hour 12: Increasing (from 459 to 462 requests)
Hour 13: Increasing (from 462 to 475 requests)

9. Status Codes Breakdown

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Status 200: 9126 requests (91.26%)
Status 304: 445 requests (4.45%)
Status 404: 213 requests (2.13%)
Status 301: 164 requests (1.64%)
Status 206: 45 requests (0.45%)
Status 500: 3 requests (0.03%)
Status 416: 2 requests (0.02%)
Status 403: 2 requests (0.02%)
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10. Most Active User by Method & 11. Patterns in Failure Requests

10. Most Active User by Method

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Most Active GET IP: 66.249.73.135 (482 requests)
Most Active POST IP: 78.173.140.106 (3 requests)
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11. Patterns in Failure Requests

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Failures by Hour:
No failed requests (4xx/5xx) found in the log file.
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12. Analysis Suggestions

Based on the analysis, here are some observations and recommendations:

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Based on the analysis, here are some observations and recommendations:
- Failure Rate: Failure rate (2.20%) is relatively low. Continue monitoring.
- Traffic Spikes: Observed increasing request trends during certain hours.
  r scaling resources during peak times.
- Monitoring: Implement real-time monitoring for 4xx/5xx errors to address
- Caching: If GET requests dominate (as seen with 9952 GET vs 5 POST), con
  for frequently accessed resources.
- Log Analysis: Schedule regular log analysis to detect anomalies early.
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