

THIRDEYE

Outlier Detection In Web Server logs

Microsoft Power BI Visuals

Server Traffic Analysis



Total Requests

931K

Total number of requests reached to server

Avg. Requests / Minute

0.80

Average number of requests reached to sever. Request density per minute.

Total Unique IPs

35.03K

Total number of unique IP addresses made request to server

Bytes Per Second

6.66K

Number of bytes transferred from server per second

Avg. Bytes Per Request

499.22K

Number of bytes transferred from server per second

Server Traffic

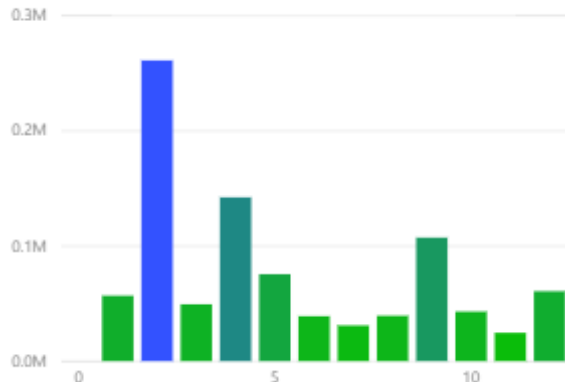


Pattern of number of request reached to server. Spikes denotes number of requests.

Server Traffic Analysis

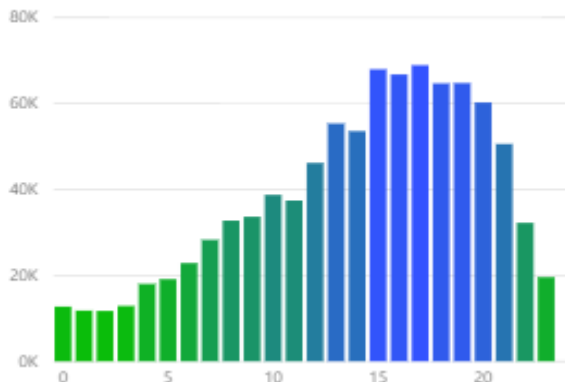


Requests by Month



This chart denotes number of requests reached to server by months. This chart tells more number of requests reached to server in month February, then in April month.

Requests by Hour



This chart denotes number of requests reached to server by hours of day. Blue bars denote more number of requests. This bar chart denotes between 14 and 20 hours of day more number of requests reached to server. Means server remained busy between these two hours.

“This information can help in scaling web servers as per request density. Server administrator can scale down when server remains less busy in a day.”

Endpoint Analysis

Most accessed pages on server



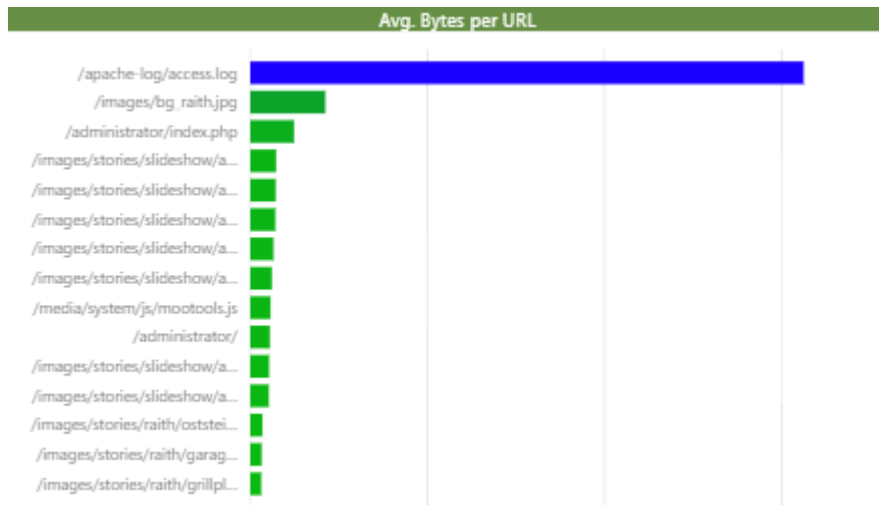
This chart denotes which pages or links had errors or issues when accessed.

This chart denotes which pages or links accessed most. This information helps to understand access behavior.

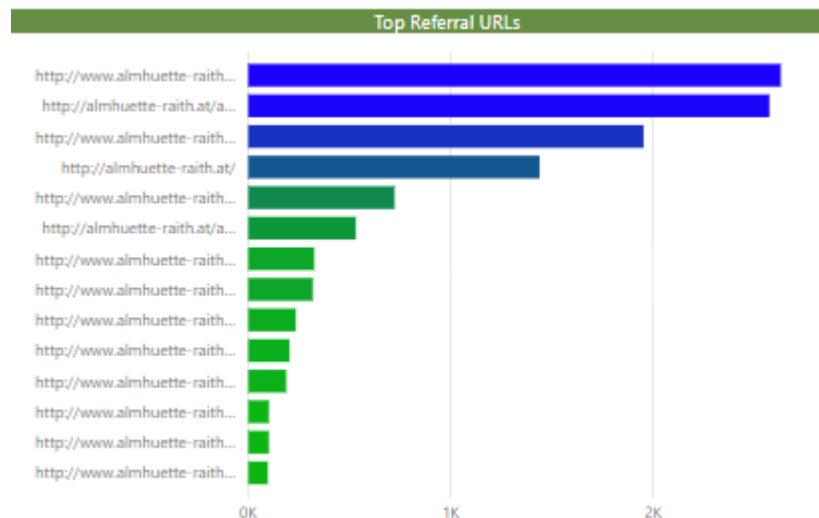
Top Error Pages



Endpoint Analysis

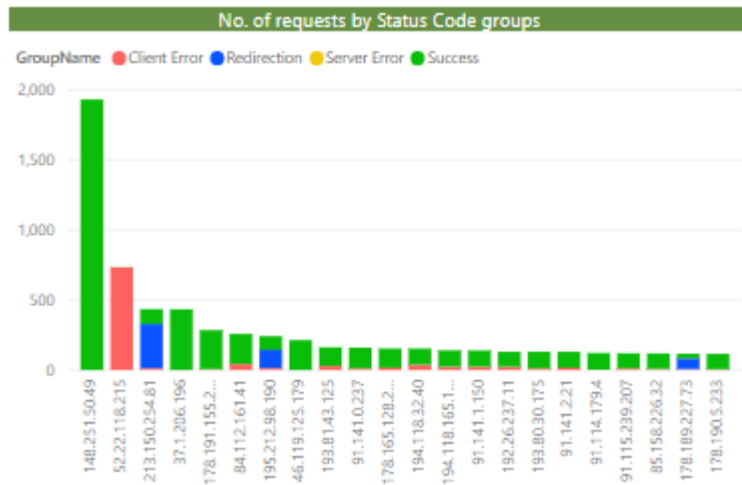


This chart denotes top urls along with which more bytes transferred when accessed.



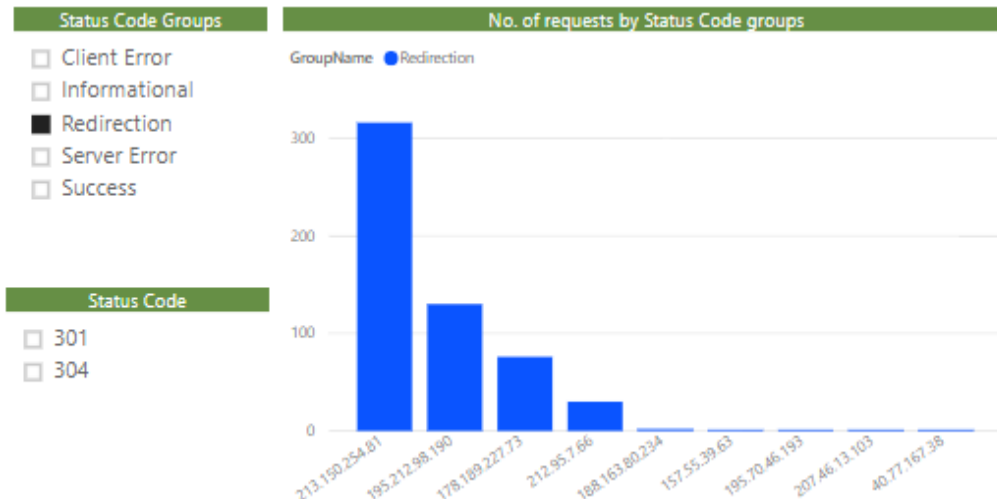
This chart denotes top referral urls.

Status Code Analysis

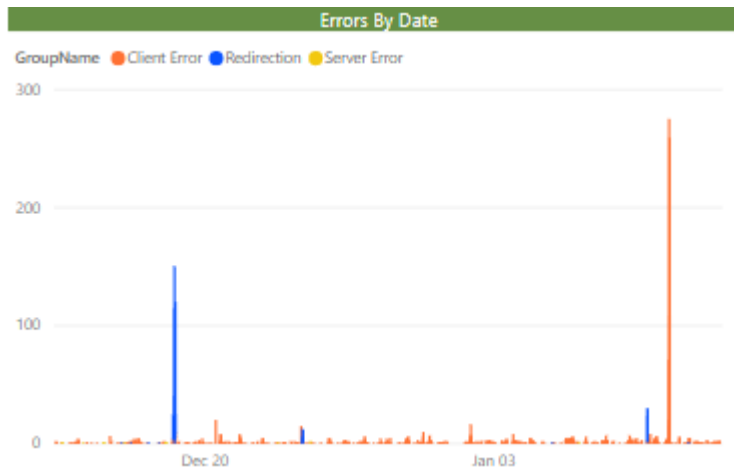


This chart denotes count of requests from IPs divided by Status Code groups. This chart helps to identify the outlier IPS from where more requests of non-success status code group is coming. In above chart only client errors received from IP 52.22.118.215 (Marked in red bar). Around 700 requests having 404 errors, this IP seems showing suspicious activities.

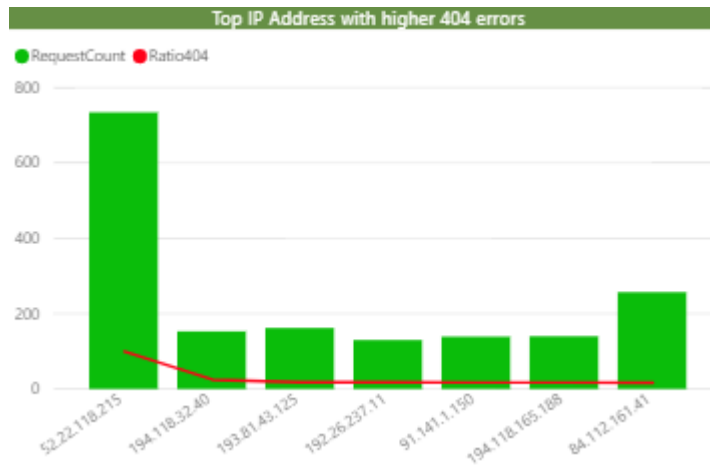
This chart can be filtered using slicer visuals to make further deep analysis. If we select Redirection Status Code group it shows the list of top IPs which exhibited more Redirection errors.



Status Code Analysis



This chart displays patterns of requests by non-success status code groups.



This chart helps to identify IPs which shows large ratio of requests count with 404 errors vs requests count with success status code. In above chart IP 52.22.118.215 depicts 99 ratio.



THANKS!

Corporate Site

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