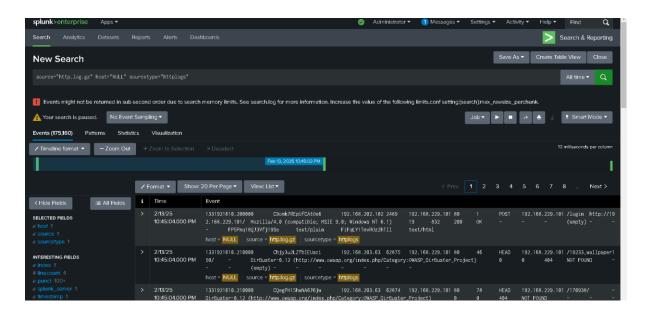
# **HTTP Log Analysis Using Splunk**

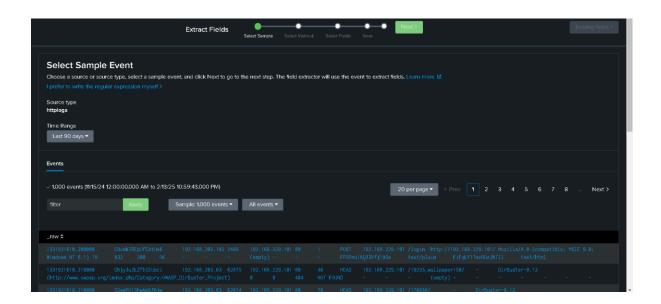
Analyzing the HTTP Log file using Splunk SIEM

## **HTTP Log Ingestion**



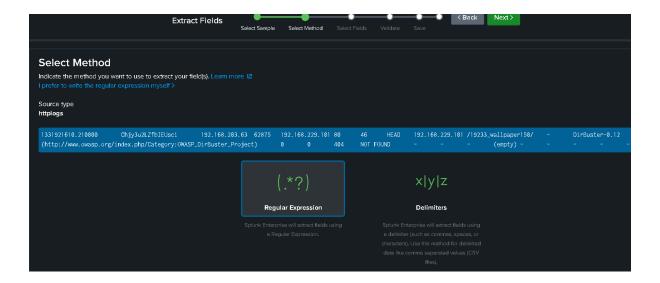
Parsing the data by extracting new fields

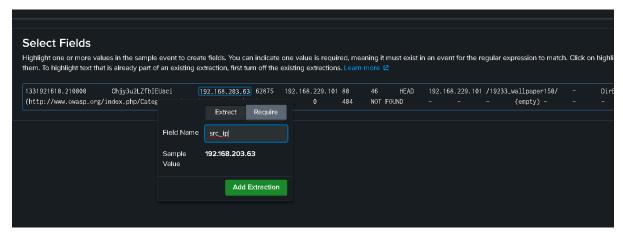
Selecting a sample event for field extraction



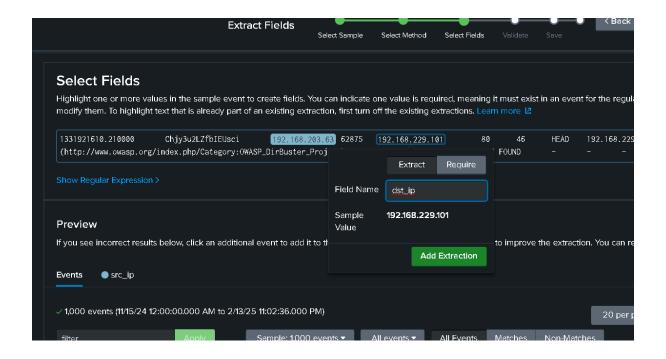


### selecting regular expression method

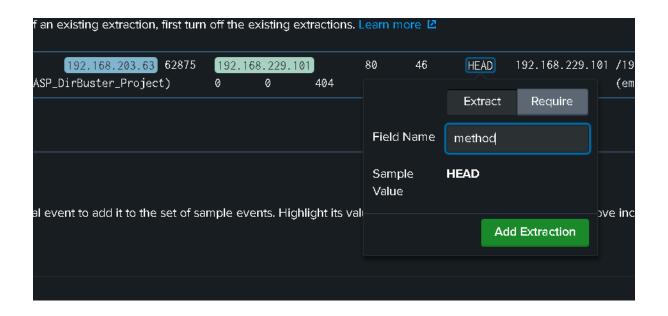




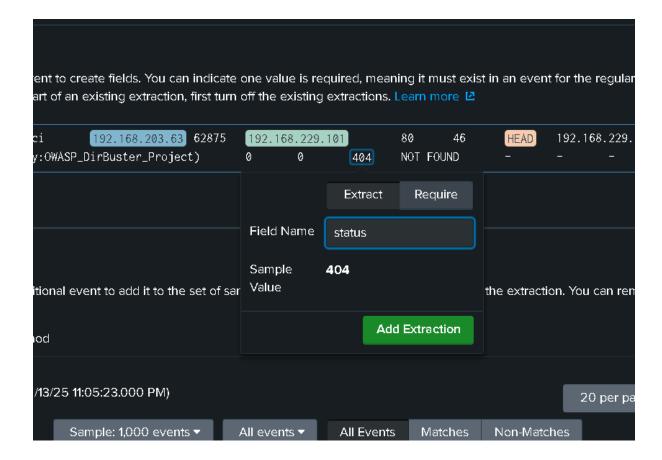
selecting 192.168.203.63 as the source ip src\_ip



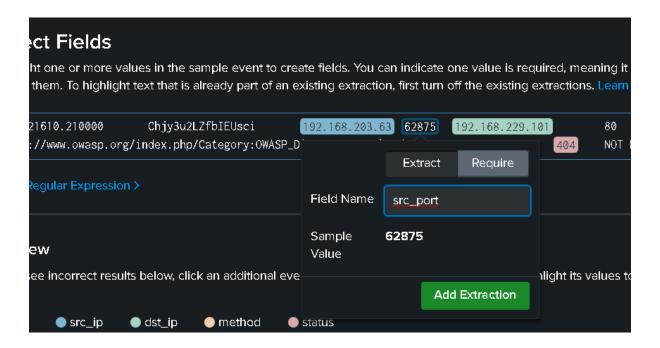
192.168.229.101 as the destination ip dst\_ip



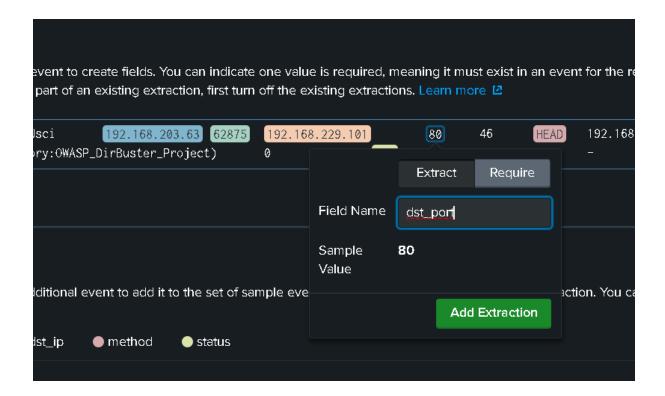
HEAD - the http request method



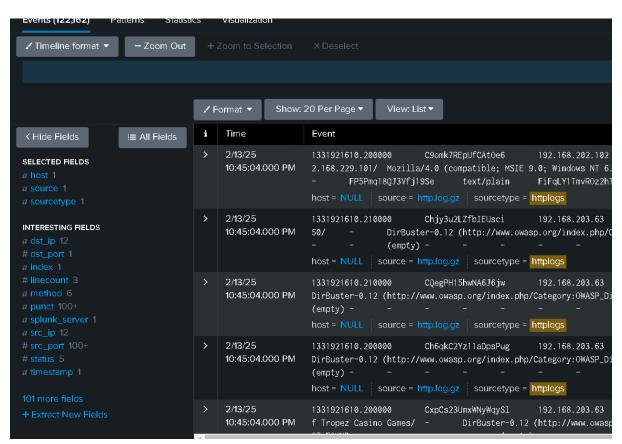
#### extracting the status code of the response



src\_port



#### destination port no.



The extracted fields

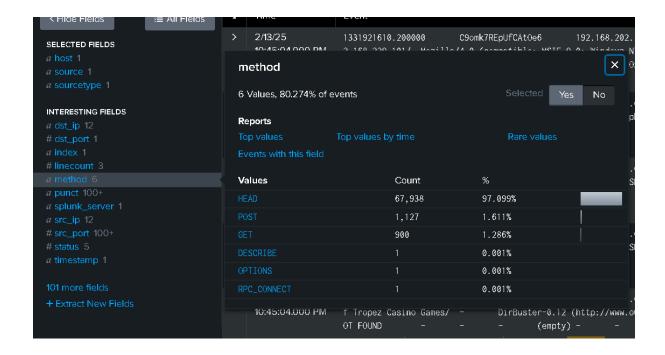
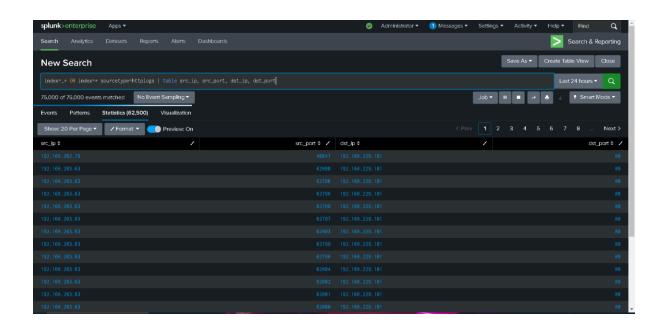
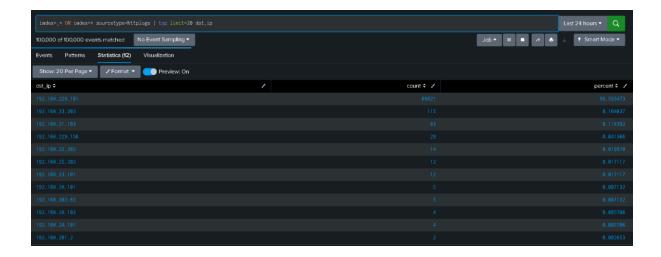


Table view of the source and destination ip, ports

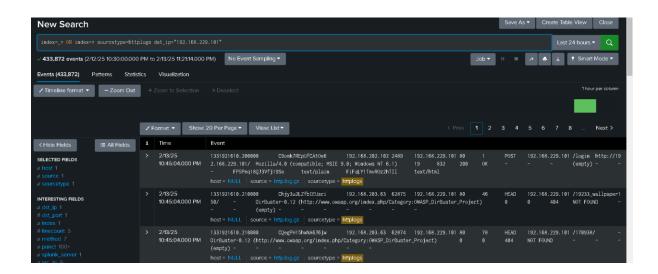


Top count through filtering of destination ip address

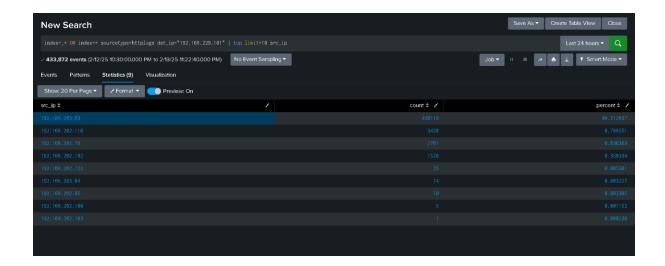


As we can see 192.168.229.101 lp address has got 433872 requests

To get all the events of the 192.168.229.101 ip address



To view top 10 source ip address which has requested to the destination ip 192.168.229.101



Analyze response codes to identify errors or successful requests.



Analyze high volumes of error responses by checking the response codes higher than or equal to 400

