Activity 2

Q1. How many hackers are trying to get access to our servers? And how many attempts are there? Explain/define how you count distinct hackers.

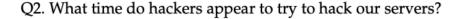
There're 185 distinct hackers

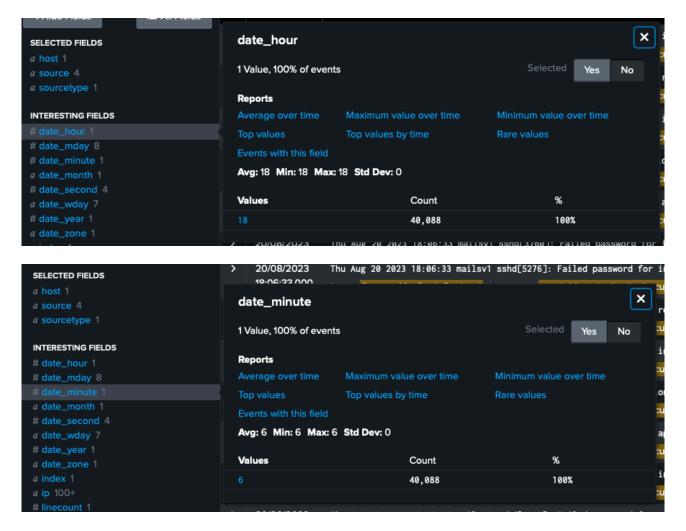


There're 33,253 attempts



Solution: Query in every secure.log file and look for distinct ip with many attempts





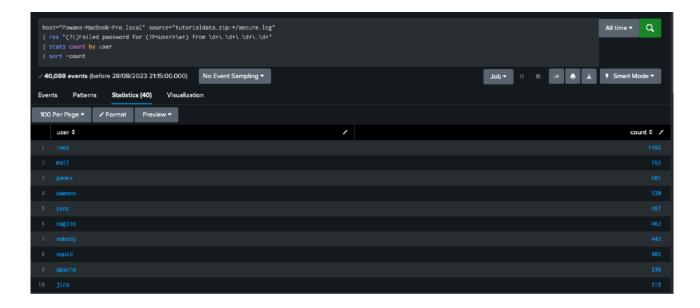
Every attempts is 18 hours and 6 minutes or at 18.06

Q3. Which server (mailsv, www1, www2, www3) sees the most attempts?



mailsv = 8154, www1 = 8798, www2 = 8034, www3 = 8267 www1 has the most attempts

Q4. What is the most popular account that hackers use to try to break in?



The most popular is "root"

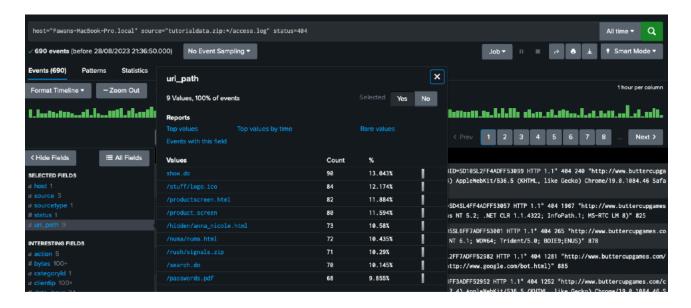
Q5. Can you find attempts to get access to sensitive information from our web servers? How many attempts were there?

Values	Count	%	
200	34,282	86.72%	
503	952	2.408%	1
408	756	1.912%	1
500	733	1.854%	1
406	710	1.796%	1
400	701	1.773%	1
404	690	1.745%	1
505	480	1.214%	
403	228	0.577%	

Yes, in my opinion, status 401 and 403 is trying to access the information that is not allow. So, the attempt is 228

(We might include 404 since someone could guess the path to access to sensitive info) So, in this case the attempt is 918

Q6. What resource/file are hackers looking for?



In this case we should filter response 404 and see the path The most resource is show.do

Q7. Can you find any bots crawling our websites?

Yes



Q8. What are they doing on the site? (Hint: Look for User-Agent in the web access.logs.)

