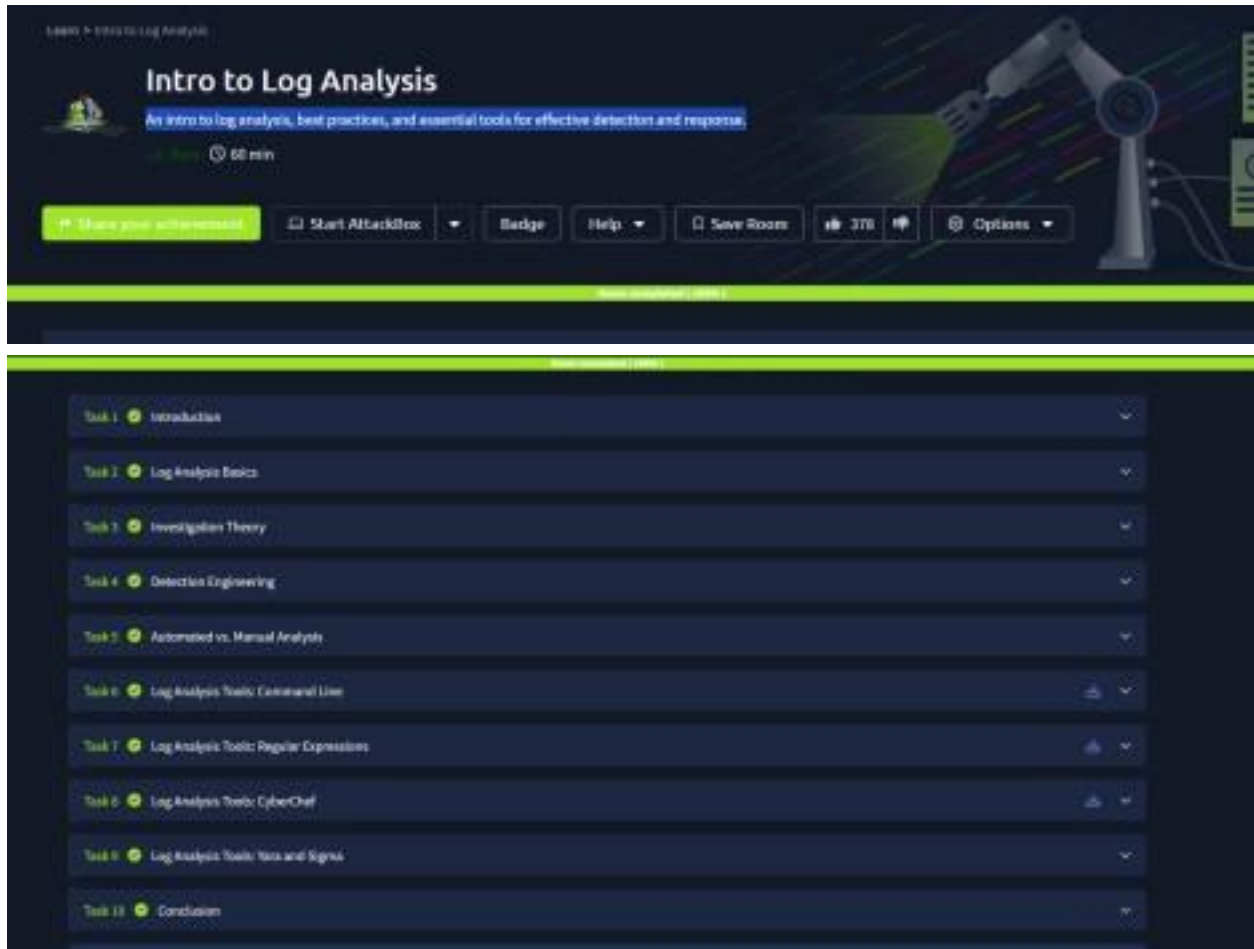


EXP-NO:14 LOG ANALYSIS FOR DETECTION AND RESPONSE

DATE :28-4-25

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Aim: To understand log analysis, implement best practices, and use essential tools for efficient threat detection and incident response.



Use `cat` on the `apache.log` file to return only the URLs. What is the flag that is returned in one of the unique entries?

✓ Correct Answer 5/10pts

In the `apache.log` file, how many total HTTP 200 responses were logged?

✓ Correct Answer 5/10pts

In the `apache.log` file, which IP address generated the most traffic?

✓ Correct Answer 5/10pts

What is the complete timestamp of the entry where `10.10.10.10` accessed `/flag.txt`?

✓ Correct Answer 5/10pts

Locate the `loganalysis.zip` file under `/root/.aws/ctfloganalysis/tasks/` and extract the contents.

✓ Correct Answer

Upload the log file named "access.log" to CyberChef. Use regex to list all of the IP addresses. What is the full IP address beginning in 212?

✓ Correct Answer

Using the same log file from Question 42, a request was made that is encoded in base64. What is the decoded value?

✓ Correct Answer

Using CyberChef, decode the file named "encodedflag.txt" and use regex to extract by MAC address. What is the extracted value?

✓ Correct Answer

Answer the questions below

What languages does Sigma use?

✓ Correct Answer

What keyword is used to denote the "title" of a Sigma rule?

✓ Correct Answer

What keyword is used to denote the "name" of a rule in YARA?

✓ Correct Answer

Result: Gained insights into analyzing logs effectively, applying best practices, and leveraging tools to detect and respond to security events.