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# **Intro to Log Analysis**

#### **EX-NO:14**

## AIM:

An intro to log analysis, best practices, and essential tools for effective detection and response.

#### PROCEDURE:

- Task 1 Introduction
- Task 2 Log Analysis Basics
- Task 3 Investigation Theory
- · Task 4 Detection Engineering
- Task 5 Automated vs. Manual Analysis
- Task 6 Log Analysis Tools: Command Line
- Task 7 Log Analysis Tools: Regular Expressions
- Task 8 Log Analysis Tools: CyberChef
- Task 9 Log Analysis Tools: Yara and Sigma
- Task 10 Conclusion

### Task 1 Introduction:



### Task 2 Log Analysis Basics:



### Task 3 Investigation Theory:



**Task 4 Detection Engineering:** 

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### Task 5 Automated vs. Manual Analysis:



## Task 6 Log Analysis Tools: Command Line:



Task 7 Log Analysis Tools: Regular Expressions:



Task 8 Log Analysis Tools: CyberChef:

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# Task 9 Log Analysis Tools: Yara and Sigma:



### Task 10 Conclusion:



### **RESULT:**

Thus the Intro To Log Analysis is completed using tryhackme platform.