

Overview of logs

Overview of intrusion detection systems (IDS)

Overview of security information event management (SIEM)

Review: Network traffic and logs using IDS and SIEM tools

Video: Wrap-up

1 min

Reading: Glossary terms from week 4

10 min

Quiz: Weekly challenge 4

10 questions

Quiz: Portfolio Activity: Finalize your incident handler's journal

5 questions

Reading: Portfolio Activity Exemplar: Finalize your incident handler's journal

10 min

Congratulations on completing Course 6!

🎉 Congratulations! You passed!

Grade received 100%

Quiz • 50 min

Latest submission made 10 min

To pass 80% or higher

Go to next item

Weekly challenge 4

Review Learning Objectives

1. Which of the following refers to a record of events that occur within an organization's systems?

1 / 1 point

- ☐ Log forwarders
- ☐ Occurrences
- ☐ Log sources
- ☒ Logs

Correct To Pass 80% or higher

2. Examine the following log entry.

1 / 1 point

LoginEvent[2021/10/13 10:32:08.958711] auth\_session\_authenticator.cc:304 Regular user login 1

Which type of log is this?

- ☐ Network
- ☒ Authentication
- ☐ Application
- ☐ Location
- Correct

3. Fill in the blank: A syslog entry contains a header, \_\_\_\_\_, and a message.

1 / 1 point

- ☐ object
- ☒ structured-data
- ☐ eXtensible Markup Language
- ☐ tag
- Correct

4. Consider the following scenario:

1 / 1 point

A security analyst at a mid-sized company is tasked with installing and configuring a host-based intrusion detection system (HIDS) on a laptop. The security analyst installs the HIDS and wants to test whether it is working properly by simulating malicious activity. The security analyst runs unauthorized programs on the laptop, which the HIDS successfully detects and alerts on.

What is the laptop an example of?

- ☐ An agent
- ☒ An endpoint
- ☐ A signature
- ☐ A log forwarder
- Correct

5. Which rule option is used to indicate the number of times a signature is updated?

1 / 1 point

- ☐ s.i.d
- ☒ x.e.v
- ☐ t.o.p
- ☐ m.s.g
- Correct

6. Which symbol is used to indicate a comment and is ignored in a Suricata signature file?

1 / 1 point

- ☐ \$
- ☒ #
- ☐ :
- ☐ >
- Correct

7. Fill in the blank: Suricata uses the \_\_\_\_\_ format for event and alert output.

1 / 1 point

- ☐ HTML
- ☐ HTTP
- ☒ EVE JSON
- ☐ CEF
- Correct

8. Which querying language does Splunk use?

1 / 1 point

- ☐ SIEM Processing Language
- ☒ Search Processing Language
- ☐ Structured Querying Language
- ☐ Structured Processing Language
- Correct

9. What is the default method of search in Chronicle?

1 / 1 point

- ☐ Non-normalized
- ☒ UDM
- ☐ YARA-L
- ☐ Raw log
- Correct

10. Which step in the SIEM process involves the processing of raw data into a standardized and structured format?

1 / 1 point

- ☒ Normalize
- ☐ Collect
- ☐ Index
- ☐ Process
- Correct