

LKSP Jawa Tengah 2026
Cyber Security
Module C (Blue Team CTF)



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Forensic

1. Indicator:

Description:

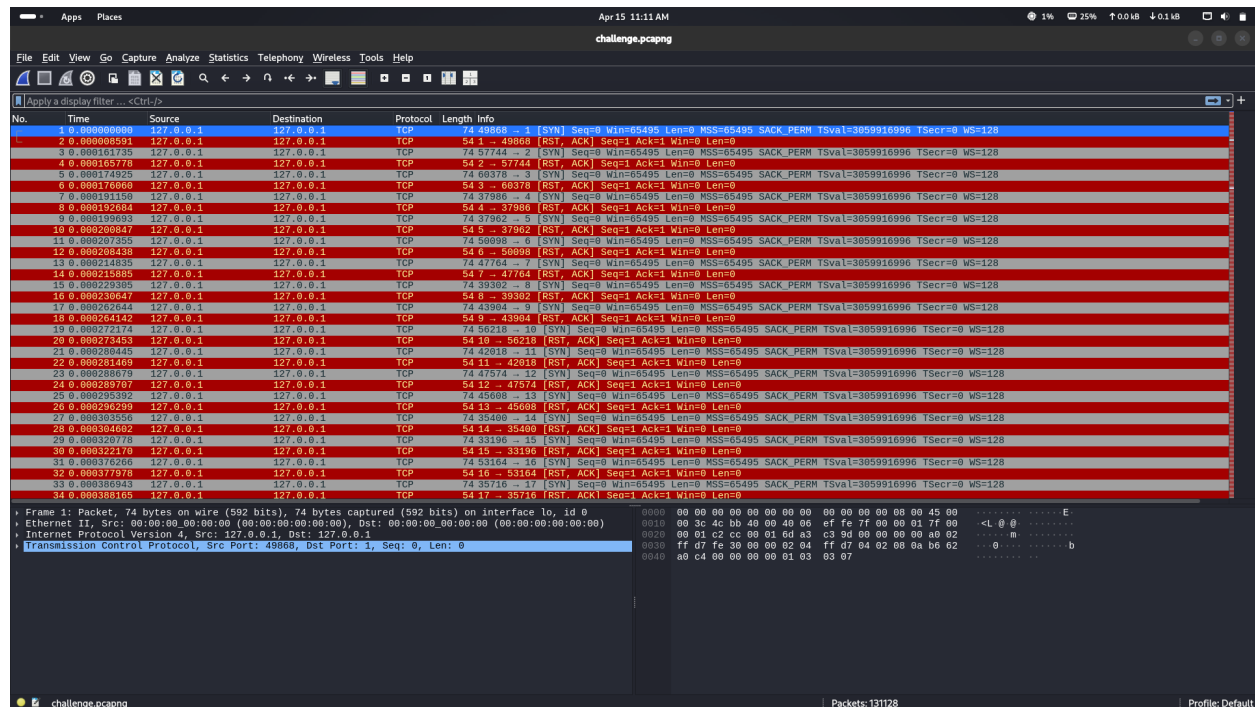
There's a port scan going in my own localhost, strangely it spotted one additional port which seems **FALSE POSITIVE**. Can you help me to find which port that is flagged by those scanners but actually **CLOSED** due to lack of/valid ACK reply ?

Wrap your answer in `LKS{portnumber}`

author: aseng

Walkthrough:

Pada challenge ini kami diberikan sebuah file challenge.pcapng yang berisi history lalu lintas jaringan pada localhost



Challenge ini meminta player untuk mencari port yang diclose oleh sistem karena kurangnya reply ACK yang valid, untuk mencarinya kami hanya perlu untuk menambahkan display filter `tcp.analysis.flags`

tcp.analysis.flags						
No.	Time	Source	Destination	Protocol	Length	Info
111931	1.310658328	127.0.0.1	127.0.0.1	TCP	74	[TCP Retran
111932	1.310663654	127.0.0.1	127.0.0.1	TCP	78	[TCP Dup AC

```

> Frame 111932: Packet, 78 bytes on wire (624 bits), 78 bytes captured (624 bits) on interface lo, id 0
> Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
> Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
> Transmission Control Protocol, Src Port: 55952, Dst Port: 55952, Seq: 1, Ack: 1, Len: 0
  Source Port: 55952
  Destination Port: 55952
  [Stream index: 55951]
  [Stream Packet Number: 3]
  [Conversation completeness: Complete, NO_DATA (23)]
  [TCP Segment Len: 0]
  Sequence Number: 1 (relative sequence number)
  Sequence Number (raw): 1865363981
  [Next Sequence Number: 1 (relative sequence number)]
  Acknowledgment Number: 1 (relative ack number)
  Acknowledgment number (raw): 1865363981
  1011 .... = Header Length: 44 bytes (11)

```

Flag: LKS{55952}

SIEM SOC

1. Hihi:

Description:

This challenge is SIEM SOC series for LKS. The `artifact.zip` password is `0DhDBe825sjfRBCysCN13b1IHtj6lAi/9d3r2gAdfDo=`.

You **SHOULD** solve this challenge with your SIEM (Wazuh/Splunk/ELK/any other SIEM product).

There's a targeted AD attack in July 2025. I need you to gather some basic questions for your finale.

What's the hostname of the machine?

Example: If you found the hostname is HARBAHKXOOEL then the answer is `LKS{HARBAHKXOOEL}`.

author: aseng

Walkthrough:

Di Chall ini di berikan sebuah file zip artifact.zip yang dimana setelah di extract dengan password yang sudah diberikan akan ada dua file .evtx dan .json, karna sy pakek splunk jadi import file .json lebih enak, ketika uda disearch

