2024-09-04

1. alert 확인
2. 수상한 활동들 기록

23[.]220[.]251[.]149 => txt 요청 - S1

79[.]124[.]78[.]197 => Koi Stealer C2 - S2

172[.]17[.]0[.]99 + 172[.]17[.]0[.]17 => kerberos principal name overflow - S3

3. S1 필터링

```
▸ Frame 54: 241 bytes on wire (1928 bits), 241 bytes captured (1928 b
▸ Ethernet II, Src: Cisco_51:8c:b6 (00:02:4b:51:8c:b6), Dst: Intel_b6
▸ Internet Protocol Version 4, Src: 23.220.251.149, Dst: 172.17.0.99
▸ Transmission Control Protocol, Src Port: 80, Dst Port: 49766, Seq:
▸ Hypertext Transfer Protocol
▾ Line-based text data: text/plain (1 lines)
    Microsoft Connect Test
```

- 악성 아닌걸로 판단

4. S2 필터링

No.	Time	Source	Destination	Protocol	Length	Info
1668	155.893205	172.17.0.99	79.124.78.197	HTTP	497	POST /foots.php HTTP/1.1
1670	156.538183	79.124.78.197	172.17.0.99	HTTP	222	HTTP/1.1 200 OK
1672	156.539791	172.17.0.99	79.124.78.197	HTTP	516	POST /foots.php HTTP/1.1
1695	157.273715	79.124.78.197	172.17.0.99	HTTP	222	HTTP/1.1 200 OK
1697	157.365533	172.17.0.99	79.124.78.197	HTTP	443	POST /foots.php HTTP/1.1
1700	158.024230	79.124.78.197	172.17.0.99	HTTP	222	HTTP/1.1 200 OK
2227	159.998250	172.17.0.99	79.124.78.197	HTTP	145	GET /index.php?id=&subid=qIOuKk7U HTTP/1.1
2232	160.653102	79.124.78.197	172.17.0.99	HTTP	289	HTTP/1.1 200 OK (text/html)
2236	161.227849	172.17.0.99	79.124.78.197	HTTP	159	POST /index.php HTTP/1.1
2238	161.904137	79.124.78.197	172.17.0.99	HTTP	228	HTTP/1.1 200 OK (text/html)
2347	226.462867	172.17.0.99	79.124.78.197	HTTP	443	POST /foots.php HTTP/1.1

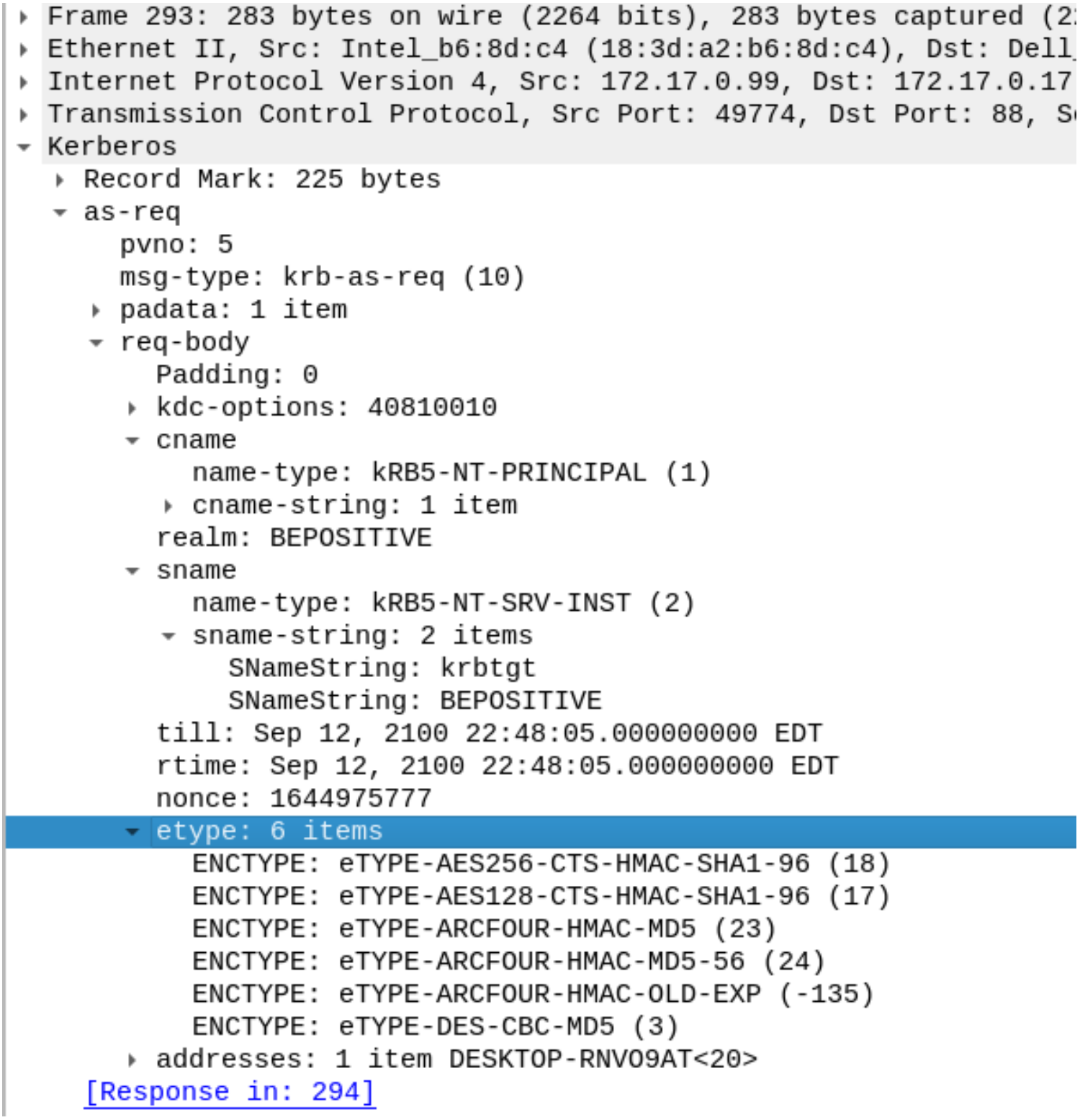
- 2347번 이후 패킷부터는 그냥 같은 내용만 반복

3130327c33303136383231332d336265302d613735312d383161302d6366336232323863383363534

- POST 패킷들을 보면 공통점이 있음

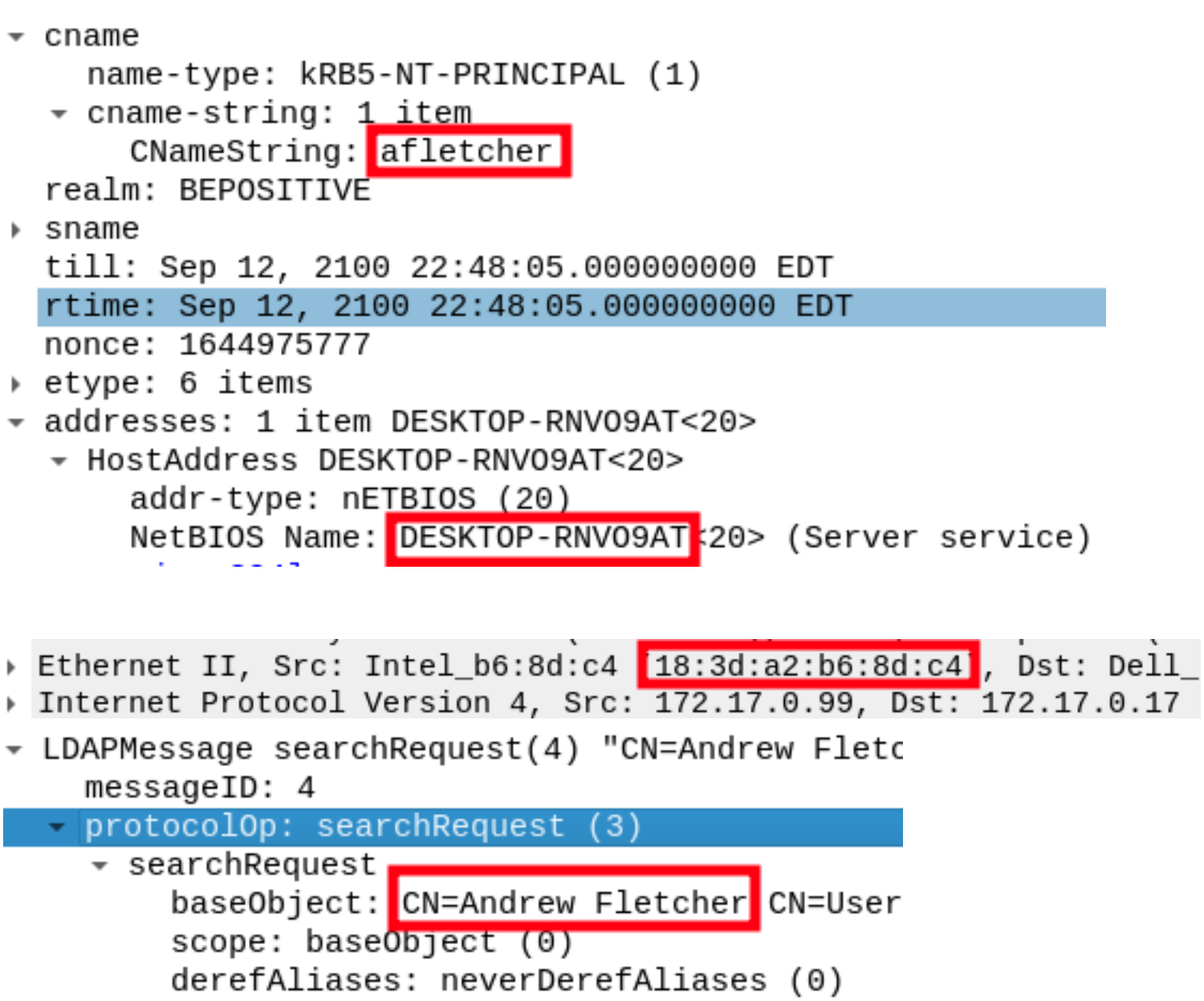
101|30168213-3be0-a751-81a0-cf3b228c8654|

5LHtVruc|f3f3oMg2lz4XGyHy0LidzFiNvSftke//
k+COyrO9aBI=
111|30168213-3be0-a751-81a0-cf3b228c8654|
XHfhyxOtsArXQLiP|=¬ª|U7÷#±/ónåH -øî1
Rm¹UÂO
ÖyBÓÌ\vK¹sâl4ð]7ø´1
Z
102|30168213-3be0-a751-81a0-cf3b228c8654
4. S3 필터
필터: ip[.]src == 172[.]17[.]0[.]99 and ip[.]dst ==
172[.]17[.]0[.]17 and tcp[.]srcport == 49774 and
tcp[.]dstport == 88



- 왜 alert가 발생했는지는 모르겠음

5. 감염된 호스트 정보 추출



18:3d:a2:b6:8d:c4

DESKTOP-RNVO9AT

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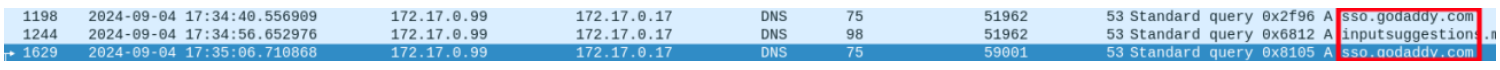
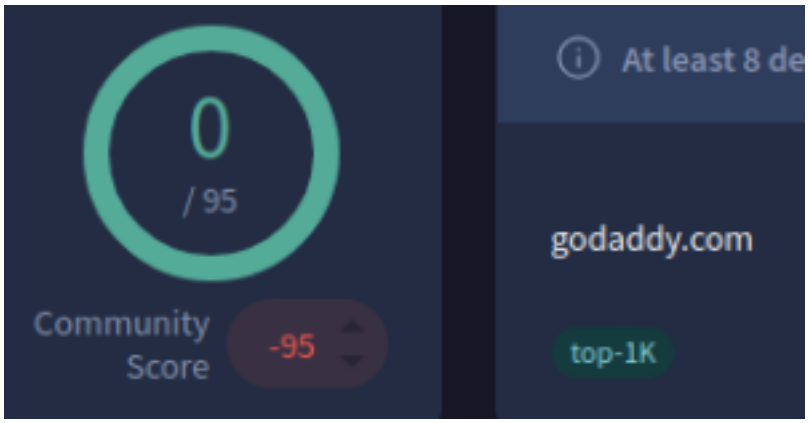
6. 감염경로를 찾기 위해 DNS 기록 확인



7. C2 서버에 연결하기 직전에 검색한 도메인 확인

No.	Time	Source	Destination	Protocol	Length	src port	dst port	Info
1630	2024-09-04 17:35:06.752557	172.17.0.17	172.17.0.99	DNS	168	53	59001	Standard query response 0x8105 A sso.godaddy.com
1631	2024-09-04 17:35:06.752627	172.17.0.99	23.195.212.189	TCP	66	49812	443	49812 → 443 [SYN] Seq=0 Win=65535 Len=0 MSS=1460
1632	2024-09-04 17:35:06.753489	172.17.0.99	79.124.78.197	TCP	66	49813	80	49813 → 80 [SYN] Seq=0 Win=65535 Len=0 MSS=1460
1633	2024-09-04 17:35:06.786405	23.195.212.189	172.17.0.99	TCP	66	443	49812	443 → 49812 [SYN, ACK] Seq=0 Ack=1 Win=64240 Len
1634	2024-09-04 17:35:06.786405	172.17.0.99	23.195.212.189	TCP	60	49812	443	49812 → 443 [ACK] Seq=1 Ack=1 Win=262144 Len=0
1635	2024-09-04 17:35:06.787464	172.17.0.99	23.195.212.189	TLSv1.2	343	49812	443	Client Hello (SNI=sso.godaddy.com)
1636	2024-09-04 17:35:06.836452	23.195.212.189	172.17.0.99	TCP	60	443	49812	443 → 49812 [ACK] Seq=1 Ack=290 Win=64128 Len=0
1637	2024-09-04 17:35:06.836839	23.195.212.189	172.17.0.99	TLSv1.2	1430	443	49812	Server Hello
1638	2024-09-04 17:35:06.836954	23.195.212.189	172.17.0.99	TCP	1430	443	49812	443 → 49812 [PSH, ACK] Seq=1377 Ack=290 Win=6412
1639	2024-09-04 17:35:06.837066	23.195.212.189	172.17.0.99	TCP	1398	443	49812	443 → 49812 [PSH, ACK] Seq=2753 Ack=290 Win=6412

8. 바이러스 토탈 검색

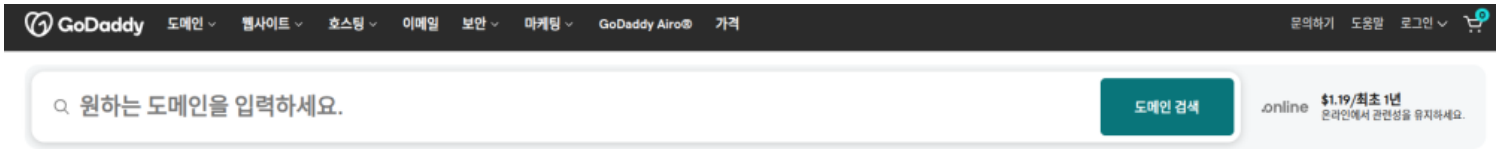


- 악성 사이트가 아니라지만 커뮤니티 스코어가 낮음

9. urlscan 사이트를 이용해서 직접 확인

> **Access Denied**
>
> You don't have permission to access "http://www.godaddy.com/" on this server.
>
> Reference #18.93d71302.1759034684.4c279874
>
> https://errors.edgesuite.net/18.93d71302.1759034684.4c279874

10. 직접 확인



- 도메인을 파는 사이트같음
- 여기 도메인을 사서 C2로 활용한 듯