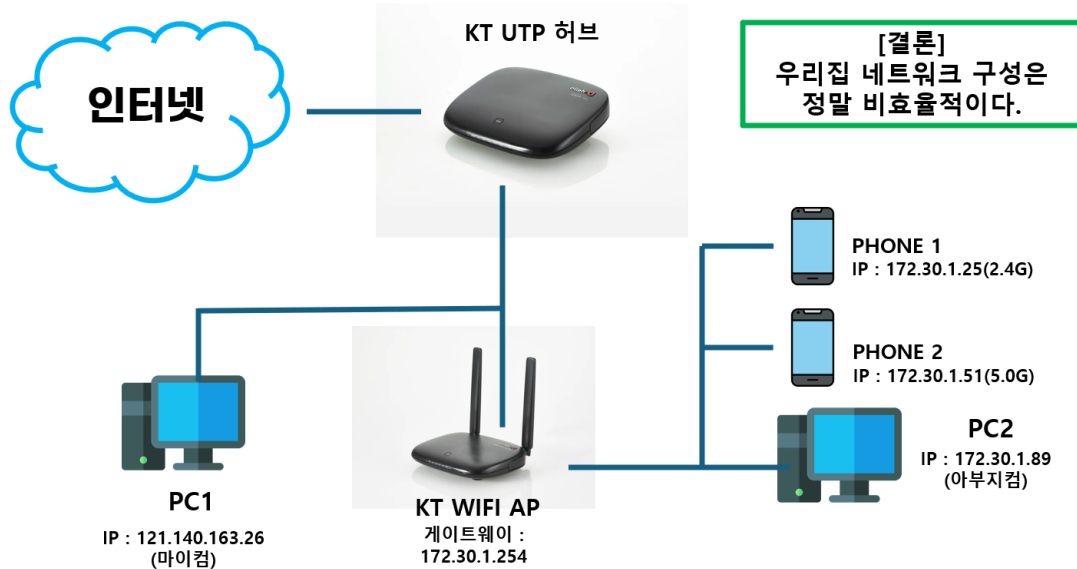


서버프로그래밍 5주차 과제(1,2,4번)

202127064 이지호

[1번, 2번]

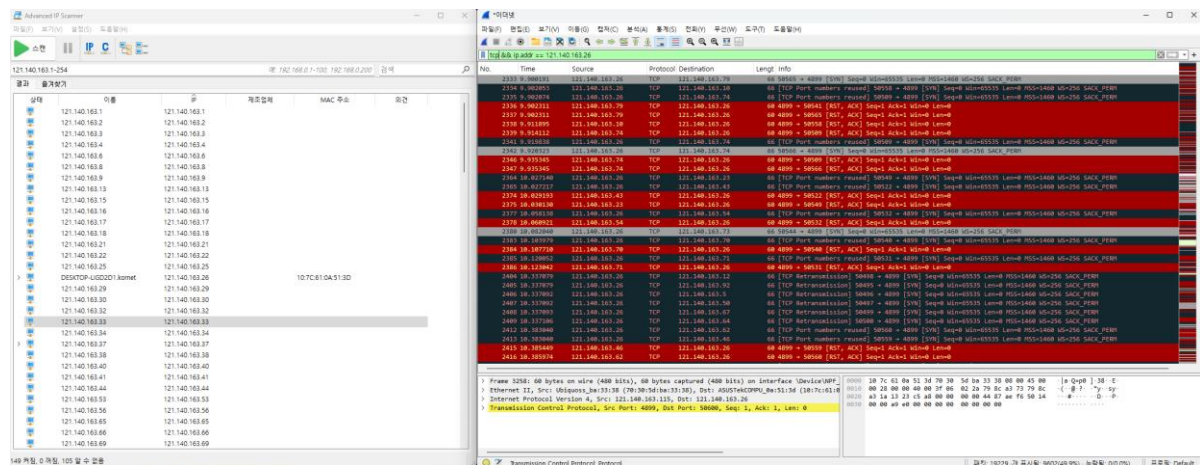
울집 네트워크 구성도



[4번 요약]

1. 스캔 된 대부분의 주소들은 TCP와 ICMP 둘 다 응답하는 것으로 확인됩니다.
2. 그러나 IPv4주소(IP주소)는 방화벽으로 인해 TCP, ICMP 통신에 응답하지 않는 것으로 확인됩니다.

IP 스캔(TCP)



The screenshot displays the Wireshark interface with a packet list on the left and a packet details pane on the right. The packet list shows a series of ICMP Echo (ping) requests and replies between 121.140.161.254 and 121.140.161.26. The packet details pane shows the structure of an Internet Control Message Protocol (ICMP) packet, including the Echo (ping) request and the Echo (ping) reply. The packet is captured on the interface eth0 of a host with IP 121.140.161.254. The packet is 150 bytes long and contains 128 bytes of data. The packet is captured at 10:00:00.000000000 on 10/10/2023.

No.	Time	Source	Protocol	Destination	Length	Info
50	3.769882	121.140.161.26	ICMP	121.140.161.3	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 800)
51	3.769897	121.140.161.26	ICMP	121.140.161.221	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 901)
52	3.769901	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
53	3.769909	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972) (No response found)
54	3.769964	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
55	3.769978	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
56	3.769982	121.140.161.26	ICMP	121.140.161.82	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 480)
57	3.769929	121.140.161.26	ICMP	121.140.161.308	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972) (No response found)
58	3.769931	121.140.161.26	ICMP	121.140.161.64	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
59	3.769937	121.140.161.26	ICMP	121.140.161.37	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
60	3.769986	121.140.161.26	ICMP	121.140.161.18	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
61	3.769988	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
62	3.769990	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
63	3.769991	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
64	3.769993	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
65	3.769995	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
66	3.769996	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
67	3.769998	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
68	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
69	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
70	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
71	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
72	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
73	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
74	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
75	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
76	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
77	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
78	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
79	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)
80	3.769999	121.140.161.26	ICMP	121.140.161.26	76	ICMP [ping] request Seq=2802168812, ttl=255 (reply in 972)

149 커짐, 0 커짐, 105 알 수 없음

Internet Control Message Protocol: Proto

패킷: 19229 개 표시됨: 1004(5.2%) 누락됨: 0(0.0%) 프로그램: Default