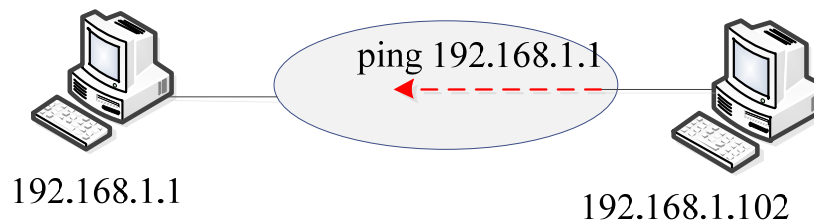


4-1-3 Ethernet II 擷取與分析 – Wireshark (-)



✦ 系統分析

◆ Ping 命令產生 ICMP 封包，利用 Ethernet 訊框傳送



✦ 擷取步驟



4-1-3 Ethernet II 擷取與分析 – Wireshark (一)



✦ Ethernet II 協定分析

*區域連線 (host 192.168.1.102)

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ip.proto == 0x01

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	192.168.1.102	239.255.255.250	IGMPv2	46	Membership Report
2	0.509172	192.168.1.102	224.0.0.251	IGMPv2	46	Membership Report
3	4.062838	192.168.1.102	192.168.1.1	ICMP	74	Echo (ping) request
4	4.063689	192.168.1.1	192.168.1.102	ICMP	74	Echo (ping) reply

> Frame 3: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0

- > Ethernet II, Src: AsustekC_83:d1:c3 (34:97:f6:83:d1:c3), Dst: D-LinkIn_e6:af:0c (78:54:2e:e6:af:0c)
 - > Destination: D-LinkIn_e6:af:0c (78:54:2e:e6:af:0c)
 - > Source: AsustekC_83:d1:c3 (34:97:f6:83:d1:c3)
 - Type: IPv4 (0x0800)
- > Internet Protocol Version 4, Src: 192.168.1.102, Dst: 192.168.1.1
- > Internet Control Message Protocol

