NMAP COMMANDS

```
┌──(kali㊉Kali)-[~]
└─$ nmap -sn 10.6.6.0/24
Starting Nmap 7.94 ( https://nmap.org ) at 2025-12-12 04:47 UTC
Nmap scan report for 10.6.6.1
Host is up (0.00060s latency).
Nmap scan report for webgoat.vm (10.6.6.11)
Host is up (0.000057s latency).
Nmap scan report for juice-shop.vm (10.6.6.12)
Host is up (0.00072s latency).
Nmap scan report for dvwa.vm (10.6.6.13)
Host is up (0.00015s latency).
Nmap scan report for mutillidae.vm (10.6.6.14)
Host is up (0.00010s latency).
Nmap scan report for gravemind.vm (10.6.6.23)
Host is up (0.00099s latency).
Nmap scan report for 10.6.6.100
Host is up (0.000083s latency).
Nmap done: 256 IP addresses (7 hosts up) scanned in 15.34 seconds
```

```
┌──(kali㊉Kali)-[~]
└─$ nmap -p21 -sV -A -T4 10.6.6.23
Starting Nmap 7.94 ( https://nmap.org ) at 2025-12-12 04:48 UTC
Nmap scan report for gravemind.vm (10.6.6.23)
Host is up (0.00066s latency).

PORT    STATE SERVICE VERSION
21/tcp open  ftp     vsftpd 3.0.3
| ftp-syst:
|   STAT:
| FTP server status:
|      Connected to 10.6.6.1
|      Logged in as ftp
|      TYPE: ASCII
|      No session bandwidth limit
|      Session timeout in seconds is 300
|      Control connection is plain text
|      Data connections will be plain text
|      At session startup, client count was 3
|      vsFTPd 3.0.3 - secure, fast, stable
|_End of status
| ftp-anon: Anonymous FTP login allowed (FTP code 230)
| -rw-r--r--    1 0        0              16 Aug 13  2021 file1.txt
| -rw-r--r--    1 0        0              16 Aug 13  2021 file2.txt
| -rw-r--r--    1 0        0              29 Aug 13  2021 file3.txt
|_-rw-r--r--    1 0        0              26 Aug 13  2021 supersecretfile.txt
Service Info: OS: Unix

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 1.29 seconds
```

```
┌──(kali㊉Kali)-[~]
└─$ nmap -p21 -sV -A -T4 10.6.6.23
Starting Nmap 7.94 ( https://nmap.org ) at 2025-12-12 04:48 UTC
Nmap scan report for gravemind.vm (10.6.6.23)
Host is up (0.00066s latency).

PORT    STATE SERVICE VERSION
21/tcp open  ftp     vsftpd 3.0.3
| ftp-syst:
|   STAT:
| FTP server status:
|      Connected to 10.6.6.1
|      Logged in as ftp
|      TYPE: ASCII
|      No session bandwidth limit
|      Session timeout in seconds is 300
|      Control connection is plain text
|      Data connections will be plain text
|      At session startup, client count was 3
|      vsFTPd 3.0.3 - secure, fast, stable
|_End of status
| ftp-anon: Anonymous FTP login allowed (FTP code 230)
| -rw-r--r--    1 0        0              16 Aug 13  2021 file1.txt
| -rw-r--r--    1 0        0              16 Aug 13  2021 file2.txt
| -rw-r--r--    1 0        0              29 Aug 13  2021 file3.txt
|_-rw-r--r--    1 0        0              26 Aug 13  2021 supersecretfile.txt
Service Info: OS: Unix

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 1.29 seconds
```

```
┌──(kali㉿Kali)-[~]
└─$ nmap -A p139,p445 10.6.6.23
Starting Nmap 7.94 ( https://nmap.org ) at 2025-12-12 04:49 UTC
Failed to resolve "p139,p445".
Nmap scan report for gravemind.vm (10.6.6.23)
Host is up (0.00020s latency).
Not shown: 994 closed tcp ports (conn-refused)
PORT    STATE SERVICE      VERSION
21/tcp  open  ftp          vsftpd 3.0.3
| ftp-anon: Anonymous FTP login allowed (FTP code 230)
| -rw-r--r--   1 0        0              16 Aug 13  2021 file1.txt
| -rw-r--r--   1 0        0              16 Aug 13  2021 file2.txt
| -rw-r--r--   1 0        0              29 Aug 13  2021 file3.txt
|_-rw-r--r--   1 0        0              26 Aug 13  2021 supersecretfile.txt
| ftp-syst:
|   STAT:
| FTP server status:
|      Connected to 10.6.6.1
|      Logged in as ftp
|      TYPE: ASCII
|      No session bandwidth limit
|      Session timeout in seconds is 300
|      Control connection is plain text
|      Data connections will be plain text
|      At session startup, client count was 4
|      vsFTPd 3.0.3 - secure, fast, stable
|_End of status
22/tcp  open  ssh          OpenSSH 7.9p1 Debian 10+deb10u2 (protocol 2.0)
| ssh-hostkey:
|   2048 7f:9d:b7:59:47:74:0e:8e:90:83:24:2a:33:6c:06:30 (RSA)
|   256 52:a2:29:69:72:54:dc:47:ab:9f:0f:ce:b9:79:e1:c1 (ECDSA)
|_  256 cd:4b:02:54:ea:60:df:a7:2d:a2:05:7f:e1:df:af:9d (ED25519)
53/tcp  open  domain       ISC BIND 9.11.5-P4-5.1+deb10u5 (Debian Linux)
| dns-nsid:
|_  bind.version: 9.11.5-P4-5.1+deb10u5-Debian
80/tcp  open  http         nginx 1.14.2
|_http-server-header: nginx/1.14.2
|_http-title: Home
139/tcp open  netbios-ssn  Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
445/tcp open  netbios-ssn  Samba smbd 4.9.5-Debian (workgroup: WORKGROUP)
Service Info: Host: GRAVEMIND; OSs: Unix, Linux; CPE: cpe:/o:linux:linux_kernel

Host script results:
| smb-os-discovery:
|   OS: Windows 6.1 (Samba 4.9.5-Debian)
|   Computer name: gravemind
|   NetBIOS computer name: GRAVEMIND\x00
|   Domain name: \x00
|   FQDN: gravemind
|_  System time: 2025-12-12T04:49:41+00:00
| smb2-security-mode:
|   3:1:1:
|_    Message signing enabled but not required
| smb2-time:
|   date: 2025-12-12T04:49:42
|_  start_date: N/A
| smb-security-mode:
|   account_used: guest
|   authentication_level: user
|   challenge_response: supported
|_  message_signing: disabled (dangerous, but default)

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 19.98 seconds
```

```
┌──(kali㉿Kali)-[~]
└─$ smbclient //10.6.6.23/print$ -N
Anonymous login successful
Try "help" to get a list of possible commands.
smb: \> ifconfig
ifconfig: command not found
smb: \> help
?              allinfo        altname        archive        backup
blocksize      cancel         case_sensitive cd             chmod
chown          close          del            deltree        dir
du             echo           exit           get            getfacl
geteas         hardlink       help           history        iosize
lcd            link           lock           lowercase      ls
l              mask           md             mget           mkdir
more           mput           newer          notify         open
posix          posix_encrypt  posix_open     posix_mkdir    posix_rmdir
posix_unlink   posix_whoami   print          prompt         put
pwd            q              queue          quit           readlink
rd             recurse        reget          rename         reput
rm             rmdir          showacls       setea          setmode
scopy          stat           symlink        tar            tarmode
timeout        translate      unlock         volume         vuid
wdel           logon          listconnect    showconnect    tcon
tdis           tid            utimes         logoff         ..
!
smb: \> exit
```

```
┌──(kali㉿Kali)-[~]
└─$ smbclient //10.6.6.23/print$ -N
Anonymous login successful
Try "help" to get a list of possible commands.
smb: \> ifconfig
ifconfig: command not found
smb: \> help
?               allinfo         altname         archive         backup
blocksize       cancel          case_sensitive  cd              chmod
chown           close           del             deltree         dir
du              echo            exit            get             getfacl
geteas          hardlink        help            history         iosize
lcd             link            lock            lowercase       ls
l               mask            md              mget            mkdir
more            mput            newer           notify          open
posix           posix_encrypt   posix_open      posix_mkdir     posix_rmdir
posix_unlink    posix_whoami    print           prompt          put
pwd             q               queue           quit            readlink
rd              recurse         reget           rename          reput
rm              rmdir           showacls        setea           setmode
scopy           stat            symlink         tar             tarmode
timeout         translate       unlock          volume          vuid
wdel            logon           listconnect     showconnect     tcon
tdis            tid             utimes          logoff          ..
!
smb: \> exit
```
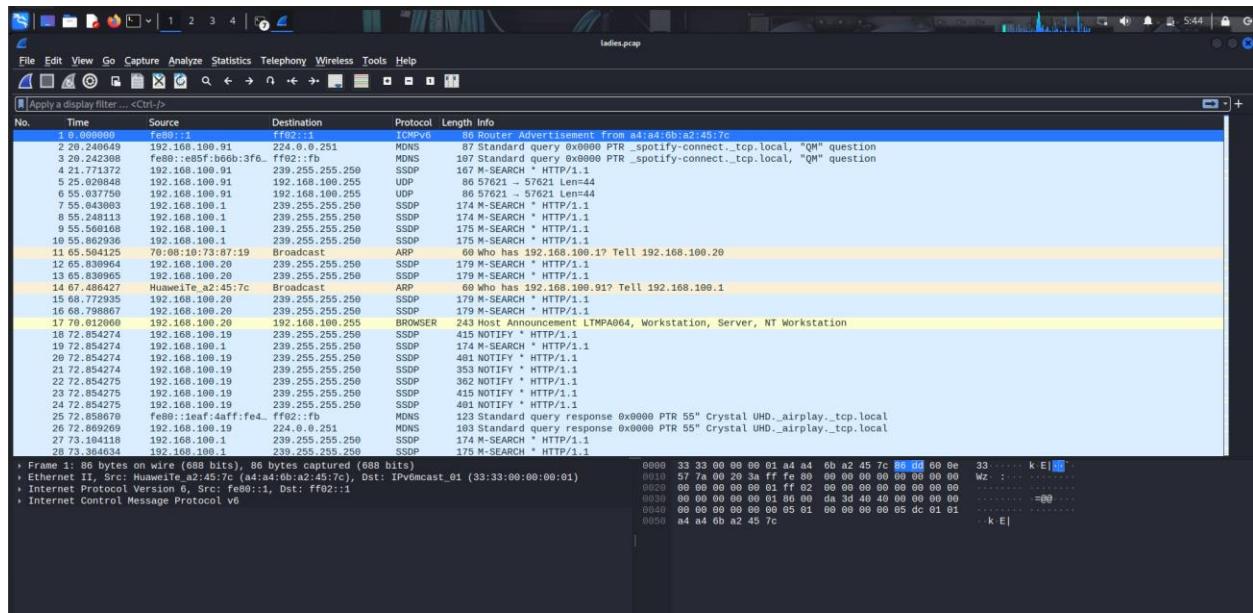
```
┌──(kali㉿Kali)-[~]
└─$ ifconfig
br-339414195aeb: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.5.5.1  netmask 255.255.255.0  broadcast 10.5.5.255
        inet6 fe80::42:97ff:fe8a:614  prefixlen 64  scopeid 0×20<link>
        ether 02:42:97:8a:06:14  txqueuelen 0  (Ethernet)
        RX packets 236  bytes 13646 (13.3 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 25  bytes 2940 (2.8 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

br-355ee7945a88: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.0.1  netmask 255.255.255.0  broadcast 192.168.0.255
        inet6 fe80::42:97ff:fe05:d1c3  prefixlen 64  scopeid 0×20<link>
        ether 02:42:97:05:d1:c3  txqueuelen 0  (Ethernet)
        RX packets 120  bytes 22953 (22.4 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 15  bytes 2360 (2.3 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

br-internal: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.6.6.1  netmask 255.255.255.0  broadcast 10.6.6.255
        inet6 fe80::42:2eff:fe5e:31b1  prefixlen 64  scopeid 0×20<link>
        ether 02:42:2e:5e:31:b1  txqueuelen 0  (Ethernet)
        RX packets 9225  bytes 1320918 (1.2 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 11500  bytes 797971 (779.2 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

docker0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 172.17.0.1  netmask 255.255.0.0  broadcast 172.17.255.255
        inet6 fe80::42:98ff:fef0:f532  prefixlen 64  scopeid 0×20<link>
        ether 02:42:98:f0:f5:32  txqueuelen 0  (Ethernet)
        RX packets 130  bytes 23831 (23.2 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 32  bytes 3941 (3.8 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.100.160  netmask 255.255.255.0  broadcast 192.168.100.255
        inet6 fe80::a00:27ff:fe4a:f36e  prefixlen 64  scopeid 0×20<link>
        ether 08:00:27:4a:f3:6e  txqueuelen 1000  (Ethernet)
        RX packets 134369  bytes 156962985 (149.6 MiB)
        RX errors 8319  dropped 0  overruns 0  frame 8319
        TX packets 49233  bytes 5829474 (5.5 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0×10<host>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 4071  bytes 829515 (810.0 KiB)
```

```
vethbc6af20: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet6 fe80::24d8:f6ff:fe35:4475  prefixlen 64  scopeid 0×20<link>
        ether 26:d8:f6:35:44:75  txqueuelen 0  (Ethernet)
        RX packets 4155  bytes 1175904 (1.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 6440  bytes 425134 (415.1 KiB)
        TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0

vethc22ba44: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet6 fe80::a0bd:42ff:fe67:1fe5  prefixlen 64  scopeid 0×20<link>
        ether a2:bd:42:67:1f:e5  txqueuelen 0  (Ethernet)
        RX packets 0  bytes 0 (0.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 34  bytes 4269 (4.1 KiB)
        TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0

vethd4ba8da: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet6 fe80::5055:dfff:fecc:2f23  prefixlen 64  scopeid 0×20<link>
        ether 52:55:df:cc:2f:23  txqueuelen 0  (Ethernet)
        RX packets 1009  bytes 54494 (53.2 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 3295  bytes 173771 (169.6 KiB)
        TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0

┌──(kali㉿Kali)-[~]
└─$ ip route
default via 192.168.100.1 dev eth0 proto dhcp src 192.168.100.160 metric 100
10.5.5.0/24 dev br-339414195aeb proto kernel scope link src 10.5.5.1
10.6.6.0/24 dev br-internal proto kernel scope link src 10.6.6.1
172.17.0.0/16 dev docker0 proto kernel scope link src 172.17.0.1
192.168.0.0/24 dev br-355ee7945a88 proto kernel scope link src 192.168.0.1
192.168.100.0/24 dev eth0 proto kernel scope link src 192.168.100.160 metric 100

┌──(kali㉿Kali)-[~]
└─$ cat /etc/resolv.conf
# Generated by NetworkManager
nameserver 192.168.100.1

┌──(kali㉿Kali)-[~]
└─$ sudo tcpdump -i eth0 -s 0 -w ladies.pcap
tcpdump: listening on eth0, link-type EN10MB (Ethernet), snapshot length 262144 bytes
^C257 packets captured
257 packets received by filter
0 packets dropped by kernel

┌──(kali㉿Kali)-[~]
└─$ ls ladies.pcap
ladies.pcap

┌──(kali㉿Kali)-[~]
└─$ wireshark
```

Wireshark(ladies.pcap)

SCAPY COMMANDS

```
File  Actions  Edit  View  Help

  ┌──(kali⊗Kali)-[~]
  └─$ sudo su
[sudo] password for kali:
  ┌──(root⊗Kali)-[/home/kali]
  └─# scapy
INFO: Can't import PyX. Won't be able to use psdump() or pdfdump().

                      aSPY//YASa
             apyyyyCY//////////YCa            |
            sY//////YSpcs  scpCY//Pp          | Welcome to Scapy
   ayp ayyyyyyySCP//Pp           syY//C       | Version 2.5.0
   AYAsAYYYYYYYY///Ps                cY//S    |
         pCCCCY//p         cSSps y//Y         | https://github.com/secdev/scapy
         SPPPP///a         pP///AC//Y         |
          A//A             cyP////C           | Have fun!
          p///Ac            sC///a            |
          P////YCpc              A//A         | Craft packets like it is your last
      sccccp///pSP///p           p//Y         | day on earth.
       sY/////////y  caa         S//P         |                   -- Lao-Tze
       cayCyayP//Ya              pY/Ya        |
        sY/PsY////YCc           aC//Yp
          sc  sccaCY//PCypaapyCP//YSs
                  spCPY/////YPSps
                     ccaacs
                                          using IPython 8.14.0
>>> ls()
AD_AND_OR  : None
AD_KDCIssued : None
AH         : AH
AKMSuite   : AKM suite
ARP        : ARP
ASN1P_INTEGER : None
ASN1P_OID  : None
ASN1P_PRIVSEQ : None
ASN1_Packet : None
ASN1_Packet : None
ATT_Error_Response : Error Response
ATT_Exchange_MTU_Request : Exchange MTU Request
ATT_Exchange_MTU_Response : Exchange MTU Response
ATT_Execute_Write_Request : Execute Write Request
ATT_Execute_Write_Response : Execute Write Response
ATT_Find_By_Type_Value_Request : Find By Type Value Request
ATT_Find_By_Type_Value_Response : Find By Type Value Response
ATT_Find_Information_Request : Find Information Request
ATT_Find_Information_Response : Find Information Response
ATT_Handle : ATT Short Handle
ATT_Handle_UUID128 : ATT Handle (UUID 128)
ATT_Handle_Value_Indication : Handle Value Indication
ATT_Handle_Value_Notification : Handle Value Notification
ATT_Handle_Variable : None
ATT_Hdr    : ATT header
ATT_Prepare_Write_Request : Prepare Write Request
```

```
>>> ls(IP)
version    : BitField  (4 bits)              = ('4')
ihl        : BitField  (4 bits)              = ('None')
tos        : XByteField                      = ('0')
len        : ShortField                      = ('None')
id         : ShortField                      = ('1')
flags      : FlagsField                      = ('<Flag 0 ()>')
frag       : BitField  (13 bits)             = ('0')
ttl        : ByteField                       = ('64')
proto      : ByteEnumField                   = ('0')
chksum     : XShortField                     = ('None')
src        : SourceIPField                   = ('None')
dst        : DestIPField                     = ('None')
options    : PacketListField                 = ('[]')
```

```
>>> ls(IP)
version   : BitField  (4 bits)          = ('4')
ihl       : BitField  (4 bits)          = ('None')
tos       : XByteField                  = ('0')
len       : ShortField                  = ('None')
id        : ShortField                  = ('1')
flags     : FlagsField                  = ('<Flag 0 ()>')
frag      : BitField  (13 bits)         = ('0')
ttl       : ByteField                   = ('64')
proto     : ByteEnumField               = ('0')
chksum    : XShortField                 = ('None')
src       : SourceIPField               = ('None')
dst       : DestIPField                 = ('None')
options   : PacketListField             = ('[]')
```

```
>>> sniff()
^C<Sniffed: TCP:0 UDP:64 ICMP:8 Other:6>
>>> paro=_
>>> paro.summary()
Ether / IP / UDP 192.168.100.19:47544 > 239.255.255.250:15600 / Raw
Ether / ARP who has 192.168.100.1 says 192.168.100.160
Ether / ARP is at a4:a4:6b:a2:45:7c says 192.168.100.1 / Padding
Ether / IP / UDP 192.168.100.19:42335 > 192.168.100.255:15600 / Raw
Ether / IP / UDP 192.168.100.19:46798 > 239.255.255.250:15600 / Raw
Ether / IP / UDP 192.168.100.19:34980 > 192.168.100.255:15600 / Raw
Ether / IPv6 / UDP / DNS Qry "b'proxy2.local.'"
Ether / IPv6 / UDP / DNS Qry "b'proxy2.local.'"
Ether / IP / UDP 192.168.100.20:61909 > 224.0.0.252:5355 / LLMNRQuery who has 'proxy2.'
Ether / IP / UDP 192.168.100.20:62386 > 224.0.0.252:5355 / LLMNRQuery who has 'proxy2.'
Ether / IP / UDP / NBNSHeader / NBNSQueryRequest who has '\\PROXY2'
Ether / IP / UDP / DNS Qry "b'proxy2.local.'"
Ether / IP / UDP / DNS Qry "b'proxy2.local.'"
Ether / IPv6 / UDP fe80::49be:9502:261e:7a61:61909 > ff02::1:3:5355 / LLMNRQuery who has 'proxy2.'
Ether / IPv6 / UDP fe80::49be:9502:261e:7a61:62386 > ff02::1:3:5355 / LLMNRQuery who has 'proxy2.'
Ether / IPv6 / UDP fe80::49be:9502:261e:7a61:61909 > ff02::1:3:5355 / LLMNRQuery who has 'proxy2.'
Ether / IPv6 / UDP fe80::49be:9502:261e:7a61:62386 > ff02::1:3:5355 / LLMNRQuery who has 'proxy2.'
Ether / IP / UDP 192.168.100.20:62386 > 224.0.0.252:5355 / LLMNRQuery who has 'proxy2.'
Ether / IP / UDP 192.168.100.20:61909 > 224.0.0.252:5355 / LLMNRQuery who has 'proxy2.'
Ether / IP / UDP / NBNSHeader / NBNSQueryRequest who has '\\PROXY2'
Ether / IPv6 / UDP / DNS Qry "b'proxy2.local.'"
Ether / IP / UDP / DNS Qry "b'proxy2.local.'"
Ether / IP / UDP / DNS Qry "b'proxy2.local.'"
Ether / IPv6 / UDP / DNS Qry "b'proxy2.local.'"
Ether / IP / UDP / NBNSHeader / NBNSQueryRequest who has '\\PROXY2'
Ether / IP / UDP 192.168.100.19:45633 > 239.255.255.250:15600 / Raw
Ether / IP / UDP / DNS Ans "b'LENOVOs-iPhone-2.local.'"
Ether / IP / UDP / DNS Qry "b'_companion-link._tcp.local.'"
Ether / 192.168.100.151 > 224.0.0.22 igmp / Raw / Padding
Ether / fe80::811:175:c426:8179 > ff02::16 (0) / IPv6ExtHdrHopByHop / ICMPv6MLReport2
Ether / IPv6 / UDP / DNS Ans "b'LENOVOs-iPhone-2.local.'"
Ether / IPv6 / UDP / DNS Qry "b'_companion-link._tcp.local.'"
Ether / IP / UDP / DNS Qry "b'LENOVO\xe2\x80\x99s iPhone (2)._rdlink._tcp.local.'"
Ether / IPv6 / UDP / DNS Qry "b'LENOVO\xe2\x80\x99s iPhone (2)._rdlink._tcp.local.'"
Ether / IPv6 / UDP / DNS Qry "b'LENOVO\xe2\x80\x99s iPhone (2)._rdlink._tcp.local.'"
Ether / IP / UDP 192.168.100.19:54374 > 192.168.100.255:15600 / Raw
Ether / IP / UDP / DNS Qry "b'LENOVO\xe2\x80\x99s iPhone (2)._rdlink._tcp.local.'"
Ether / IP / UDP / DNS Ans "b'LENOVOs-iPhone-2.local.'"
Ether / IP / UDP / DNS Qry "b'_companion-link._tcp.local.'"
Ether / IPv6 / UDP / DNS Qry "b'LENOVO\xe2\x80\x99s iPhone (2)._rdlink._tcp.local.'"
Ether / IPv6 / UDP / DNS Ans "b'LENOVOs-iPhone-2.local.'"
Ether / IPv6 / UDP / DNS Qry "b'_companion-link._tcp.local.'"
Ether / IP / UDP / DNS Ans "[b'rpBA=0F:B3:2F:FB:6B:48', b'rpVr=440.10', b'rpAD=c3749a9ecca9']"
Ether / IPv6 / UDP / DNS Ans "[b'rpBA=0F:B3:2F:FB:6B:48', b'rpVr=440.10', b'rpAD=c3749a9ecca9']"
Ether / IP / UDP / DNS Ans "[b'rpBA=0F:B3:2F:FB:6B:48', b'rpVr=440.10', b'rpAD=c3749a9ecca9']"
Ether / IPv6 / UDP / DNS Ans "[b'rpBA=0F:B3:2F:FB:6B:48', b'rpVr=440.10', b'rpAD=c3749a9ecca9']"
Ether / IP / UDP / DNS Qry "b'google.com.'"
```

```
File  Actions  Edit  View  Help
>>> sniff(iface="br-internal")
^C<Sniffed: TCP:91 UDP:26 ICMP:0 Other:2>
>>> paro2=_
>>> paro2.summary()
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / ARP who has 10.6.6.1 says 10.6.6.23
Ether / ARP is at 02:42:2e:5e:31:b1 says 10.6.6.1
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / UDP / DNS Qry "b'.'"
Ether / IP / TCP 10.6.6.1:37514 > 10.6.6.23:http S
Ether / IP / TCP 10.6.6.23:http > 10.6.6.1:37514 SA
Ether / IP / TCP 10.6.6.1:37514 > 10.6.6.23:http A
Ether / IP / TCP 10.6.6.1:37514 > 10.6.6.23:http PA / Raw
Ether / IP / TCP 10.6.6.23:http > 10.6.6.1:37514 A
Ether / IP / TCP 10.6.6.23:http > 10.6.6.1:37514 PA / Raw
Ether / IP / TCP 10.6.6.1:37514 > 10.6.6.23:http A
Ether / IP / TCP 10.6.6.23:http > 10.6.6.1:37514 PA / Raw
Ether / IP / TCP 10.6.6.1:37514 > 10.6.6.23:http A
Ether / IP / TCP 10.6.6.23:http > 10.6.6.1:37514 PA / Raw
Ether / IP / TCP 10.6.6.1:37514 > 10.6.6.23:http A
Ether / IP / TCP 10.6.6.1:37514 > 10.6.6.23:http PA / Raw
Ether / IP / TCP 10.6.6.23:http > 10.6.6.1:37514 A
Ether / IP / TCP 10.6.6.1:37518 > 10.6.6.23:http S
Ether / IP / TCP 10.6.6.23:http > 10.6.6.1:37518 SA
Ether / IP / TCP 10.6.6.1:37518 > 10.6.6.23:http A
Ether / IP / TCP 10.6.6.1:37518 > 10.6.6.23:http PA / Raw
Ether / IP / TCP 10.6.6.23:http > 10.6.6.1:37518 A
Ether / IP / TCP 10.6.6.23:http > 10.6.6.1:37518 PA / Raw
Ether / IP / TCP 10.6.6.1:37518 > 10.6.6.23:http A
Ether / IP / TCP 10.6.6.23:http > 10.6.6.1:37518 PA / Raw
```

```
>>> sniff(iface="br-internal",filter = "icmp", count = 3)
^C<Sniffed: TCP:0 UDP:0 ICMP:0 Other:0>
>>> paro3=_
>>> paro3.summary()
>>> sniff(iface="br-internal",filter = "icmp", count = 3)
^C<Sniffed: TCP:0 UDP:0 ICMP:0 Other:0>
>>> sniff(iface="br-internal",filter = "icmp", count = 10)
^C<Sniffed: TCP:0 UDP:0 ICMP:0 Other:0>
>>> sniff(iface="br-internal",filter = "icmp", count = 5)
<Sniffed: TCP:0 UDP:0 ICMP:5 Other:0>
>>> paro3=_
>>> paro3.summary()
Ether / IP / ICMP 10.6.6.1 > 10.6.6.23 echo-request 0 / Raw
Ether / IP / ICMP 10.6.6.23 > 10.6.6.1 echo-reply 0 / Raw
Ether / IP / ICMP 10.6.6.1 > 10.6.6.23 echo-request 0 / Raw
Ether / IP / ICMP 10.6.6.23 > 10.6.6.1 echo-reply 0 / Raw
Ether / IP / ICMP 10.6.6.1 > 10.6.6.23 echo-request 0 / Raw
>>> paro3.nsummary()
0000 Ether / IP / ICMP 10.6.6.1 > 10.6.6.23 echo-request 0 / Raw
0001 Ether / IP / ICMP 10.6.6.23 > 10.6.6.1 echo-reply 0 / Raw
0002 Ether / IP / ICMP 10.6.6.1 > 10.6.6.23 echo-request 0 / Raw
0003 Ether / IP / ICMP 10.6.6.23 > 10.6.6.1 echo-reply 0 / Raw
0004 Ether / IP / ICMP 10.6.6.1 > 10.6.6.23 echo-request 0 / Raw
>>> paro3[3]
<Ether  dst=02:42:2e:5e:31:b1 src=02:42:0a:06:06:17 type=IPv4 |<IP  version=4 ihl=5 tos=0x0 len=84 id=29787 flags= fra
g=0 ttl=64 proto=icmp chksum=0xe62a src=10.6.6.23 dst=10.6.6.1 |<ICMP  type=echo-reply code=0 chksum=0xe94 id=0xec47 s
eq=0x2 unused='' |<Raw  load='0;i\x00\x00\x00\x006M\x06\x00\x00\x00\x00\x00\x10\x11\x12\x13\x14\x15\x16\x17\x18\x19\x1
a\x1b\x1c\x1d\x1e\x1f !"#$%&\'()*+,-./01234567' |>>>>
>>> paro3[2]
<Ether  dst=02:42:0a:06:06:17 src=02:42:2e:5e:31:b1 type=IPv4 |<IP  version=4 ihl=5 tos=0x0 len=84 id=54255 flags=DF f
rag=0 ttl=64 proto=icmp chksum=0x4696 src=10.6.6.1 dst=10.6.6.23 |<ICMP  type=echo-request code=0 chksum=0x694 id=0xec
47 seq=0x2 unused='' |<Raw  load='0;i\x00\x00\x00\x006M\x06\x00\x00\x00\x00\x00\x10\x11\x12\x13\x14\x15\x16\x17\x18\x1
9\x1a\x1b\x1c\x1d\x1e\x1f !"#$%&\'()*+,-./01234567' |>>>>
>>> wrpcap("capture1.pcap", paro3)
>>>
```

Wireshark(capture1.pcap)