Cryptus Security

Net Discover

Netdiscover: Simple ARP Scanner to scan for live hosts in a network.

Netdiscover is a simple ARP scanner which can be used to scan for live hosts in a network. It can scan for multiple subnets also. It simply produces the output in a live display (ncurse). This can be used in the first phases of a pentest where you have access to a network. Netdiscover is a simple and initial-recon tool which can be very handy.

Features:-

- Simple Arp Scanner
- Works in both Active & Passive modes
- Produces a live display of identified hosts
- Able to scan multiple subnets
- Timing Options

Commands	Descriptions
-i device	your network device
-r range	scan a given range instead of auto scan. 192.168.6.0/24,/16,/8
-l file	scan the list of ranges contained into the given file
-p passive mode	do not send anything, only sniff
-m file	scan the list of known MACs and host names
-F filter	Customize pcap filter expression (default: "arp")
-s time	time to sleep between each arp request (miliseconds)

Commands	Descriptions
-n node	last ip octet used for scanning (from 2 to 253)
-c count	number of times to send each arp reques (for nets with packet loss)
-f	enable fastmode scan saves a lot of time, recommended for auto
-d	ignore home config files for autoscan and fast mode
-S	enable sleep time supression betwen each request (hardcore mode)
-Р	print results in a format suitable for parsing by another program
-N	Do not print header Only valid when -P is enabled.
-L	in parsable output mode (-P) continue listening after the active scan is completed

Start Netdiscover in Kali Linux

Netdiscover is a very attractive tool for discovering hosts on wired or wireless network. It can be used in both active and passive mode.

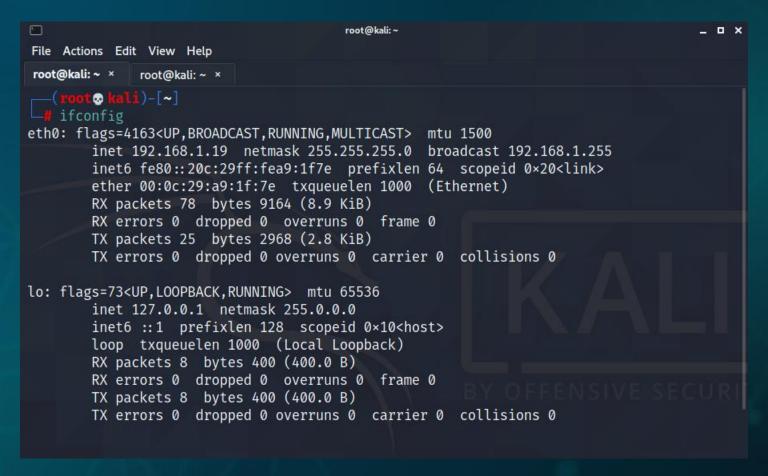
Inactive Mode it send requests to hosts for getting information but in otherhand it is working in silent mode called passive mode or listening mode. To start and check for available options in netdiscover run following command.

netdiscover -help

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 unetdiscover -help
Netdiscover 0.7 [Active/passive ARP reconnaissance tool]
Written by: Jaime Penalba < jpenalbae@gmail.com>
Usage: netdiscover [-i device] [-r range | -l file | -p] [-m file] [-F filter] [-s time]
 [-c count] [-n node] [-dfPLNS]
  -i device: your network device
  -r range: scan a given range instead of auto scan. 192.168.6.0/24,/16,/8
  -l file: scan the list of ranges contained into the given file
  -p passive mode: do not send anything, only sniff
  -m file: scan a list of known MACs and host names
  -F filter: customize pcap filter expression (default: "arp")
  -s time: time to sleep between each ARP request (milliseconds)
  -c count: number of times to send each ARP request (for nets with packet loss)
  -n node: last source IP octet used for scanning (from 2 to 253)
  -d ignore home config files for autoscan and fast mode
  -f enable fastmode scan, saves a lot of time, recommended for auto
  -P print results in a format suitable for parsing by another program and stop after ac
tive scan
  -L similar to -P but continue listening after the active scan is completed
  -N Do not print header. Only valid when -P or -L is enabled.
```

lots of switches can be used with different manners for getting desired result. Nediscover work only in internal network so you must know network you are connecting. use following command to check the IP Address:

ifconfig



So My network is 192.168.1.0/24 and network device is eth0. -r for range of network. So I used following sytax to get result.

netdiscover -i eth0 -r 192.168.1.0/24

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When you hit enter the result will display on the screen.

