

nc - netcat Cheat Sheet

by shorttcircuitt (shortt_circuitt) via cheatography.com/77499/cs/19769/

Svntax

nc [options] host port

UDP Connection

nc -u host port

Default for netcat is TCP.

Port Scanning

nc -z -v 192.168.1.2 21-80

nc: connect to 192.168.1.1 port 21 (tcp) failed: Connection refused

Connection to 192.168.1.1 22 port [tcp/ssh] succeeded!

nc: connect to 192.168.1.1 port 23 (tcp) failed: Connection refused

...

nc: connect to 192.168.1.1 port 79 (tcp) failed: Connection refused

Connection to 192.168.1.1 80 port [tcp/http] succeeded!

Server Details

echo "EXIT" | nc 192.168.1.1 22

SSH-2.0-OpenSSH_7.2p2 Ubuntu-4ubuntu2.8

Protocol mismatch.

Sending/Receiving

Receiving nc -l 5555 > file_name

Sending nc receiving.host.com 5555 < file_name

Sending/Receiving Multiple Files

Receiving nc -l 5555 | tar xzvf -

Sending tar czvf - /path/to/dir | nc receiving.host.com 5555

Simple Chat Server

Server nc -l 5555

Client nc first.host.com 5555

To close the connection, type CTRL+C

HTTP Request

 $\label{lem:gen_def} \verb|printf "GET /nc.1 HTTP/1.1\r\nHost: man.openbsd.org\r\n\r\n" | nc man.openbsd.org 80 \\$

Information

man nc

Credit: https://linuxize.com/post/netcat-nc-command-with-examples/



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