

nc

Reads and writes tcp or udp data.

- Listen on a specified port:

```
nc -l {{port}}
```

- Connect to a certain port (you can then write to this port):

```
nc {{ip_address}} {{port}}
```

- Set a timeout:

```
nc -w {{timeout_in_seconds}} {{ipaddress}} {{port}}
```

- Serve a file:

```
nc -l {{port}} < {{file}}
```

- Receive a file:

```
nc {{ip_address}} {{port}} > {{file}}
```

- Server stay up after client detach:

```
nc -k -l {{port}}
```

- Client stay up after EOF:

```
nc -q {{timeout}} {{ip_address}}
```

- Port scanning:

```
nc -v -z {{ip_address}} {{port}}
```

- Proxy and port forwarding:

```
nc -l {{port}} | nc {{hostname}} {{port}}
```