

# 1 CheatSheet: tcpdump

## LINUX

- PDF Link: [cheatsheet-tcpdump-A4.pdf](#), Category: linux
- Blog URL: <https://cheatsheet.dennyzhang.com/cheatsheet-tcpdump-A4>
- Related posts: CheatSheet: shell, #denny-cheatsheets

File me Issues or star this repo.

## 1.1 Tcpdump basic

Name	Comment
List all network nics	<code>tcpdump -D</code>
Intercepts all eth0 packages	<code>tcpdump -i eth0</code>
Intercepts all packages from a src ip	<code>tcpdump host 175.180.22.133</code>
Intercepts lo nic for a given port	<code>tcpdump -i lo 'port 8080' -vvv -XX</code>
Intercepts ICMP packets	<code>tcpdump -i any -n -v 'icmp'</code>
Saving captured packages to file	<code>tcpdump -w myfile.cap</code>
Reading package data from local file	<code>tcpdump -r myfile.cap</code>
Monitor udp packets instead of tcp	<code>tcpdump 'udp'</code>

## 1.2 Tcpdump advanced

Name	Comment
Intercepts certain ICMP packets	<code>tcpdump -n -v 'icmp[icmptype] = icmp-echoreply or icmp[icmptype] = icmp-echo'</code>
Intercepts all SYN packets	<code>tcpdump 'tcp[tcpflags] &amp; tcp-syn != 0'</code>

## 1.3 More Resources

License: Code is licentcpdump under MIT License.