

Useful Network Diagnostic CLI commands

Useful CLI commands to do network diagnostics with
tcpdump / tshark etc.

tcpdump

Command	Description
<code>tcpdump -nni <network-interface> icmp</code>	show icmp packets
<code>tcpdump -nni <network-interface> "icmp[0] == 0"</code>	ICMP type 0 echo reply
<code>tcpdump -nni <network-interface> "icmp[0] == 3"</code>	ICMP destination unreachable
<code>tcpdump -nni <network-interface> "icmp[0] == 4"</code>	ICMP source quench
<code>tcpdump -nni <network-interface> "icmp[0] == 5"</code>	ICMP redirect
<code>tcpdump -nni <network-interface> "icmp[0] == 8"</code>	ICMP echo request
<code>tcpdump -nni <network-interface> "icmp[0] == 11"</code>	ICMP time exceeded
<code>tcpdump -nni <network-interface> "tcp[tcpflags] & (tcp-rst) !=0"</code>	Detect tcp reset and ICMP packets

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