

# tcpdump

## Dealing with Ethernet headers and VLANs

```
# include ethernet header
```

```
tcpdump -n -e
```

```
# show only non-vlan traffic
```

```
tcpdump -n -e not vlan
```

```
# show only vlan traffic
```

```
tcpdump -n -e vlan
```

```
# show only vlan 1000 traffic
```

```
tcpdump -n -e '(vlan and (ether[14:2] & 0xfff == 1000))'
```

```
# show only vlan 1000 and 1001 traffic - needs testing
```

```
tcpdump -n -e '(vlan and (ether[14:2] & 0xfff == 1000 or ether[14:2] & 0xfff == 1001))'
```

```
#end
```

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