

Exclude Virtual Interfaces in IP Command

Apr 2023

In Kubernetes deployments, there are always a number of virtual interfaces, this isn't an issue until you are trying to look at the details of physical interfaces, and the virtual ones scroll the physical ones off the page. You can use a grep command to hide the virtual interfaces to stop this this though.

Lets say I use an IP command to list the interfaces on a Linux instance.

```
ip -br -c a
```

I will see something similar to the following output.

```
lo                UNKNOWN      127.0.0.1/8 ::1/128
eth2              UP           11.0.200.2/16 fe80::76fe:48ff:fe45:e65e/64
eth3              DOWN
eth4              UP           12.0.200.4/16 fe80::76fe:48ff:fe45:e660/64
eth5              DOWN
eth0              UP           10.43.30.200/24 fe80::76fe:48ff:fe45:1eee/64
eth1              DOWN
internalk3s0      UNKNOWN      192.168.255.1/24
kube-ipvs0        DOWN
10.1.234.150/32 10.1.224.182/32 10.1.82.169/32 10.1.88.39/32 10.1.113.246/32 10.1.0.10/32 10.1.92.105/32
10.1.242.227/32 10.1.136.136/32 10.1.147.213/32 10.1.105.61/32 10.1.14.221/32 10.1.62.150/32
192.168.255.1/32 10.1.142.50/32 10.1.227.44/32 10.1.178.20/32 10.1.37.6/32 10.1.220.215/32
10.1.46.190/32 10.1.188.12/32 10.1.27.143/32 10.1.75.75/32 10.1.45.171/32 10.1.242.58/32 10.1.146.97/32
10.1.119.162/32 10.1.133.120/32 10.1.193.167/32 10.1.44.38/32 10.1.226.76/32 10.1.60.158/32
flannel.1         UNKNOWN      10.0.0.0/32 fe80::c426:bfff:fe61:77b7/64
cni0              UP           10.0.0.1/24 fe80::98df:c5ff:fe4f:e664/64
veth5b959f30@if2 UP           fe80::483d:bcff:fe00:bf49/64
veth1b36bc0e@if2 UP           fe80::a479:9fff:feec:741b/64
vetheafccb8b@if2 UP           fe80::fc7a:eaff:fe49:ade4/64
veth6cab92f8@if2 UP           fe80::80a7:bfff:fe8f:504/64
vetha6ca6c5c@if2 UP           fe80::784a:afff:fe3e:511/64
vetha47d76c5@if2 UP           fe80::94e0:b3ff:fe8f:8b1b/64
veth78d7ae7b@if2 UP           fe80::1083:91ff:fe56:b7ad/64
vethbfbdc9e9@if2 UP           fe80::d4a7:13ff:fe38:bb29/64
veth12caaf80@if2 UP           fe80::104e:19ff:fe18:c5bf/64
vethecaec700@if2 UP           fe80::5c86:38ff:fedb:5bfa/64
vethf759469f@if2 UP           fe80::a455:1eff:fed1:d90/64
veth5b8833a6@if2 UP           fe80::cad:7aff:fea3:d84a/64
veth18c2a62d@if2 UP           fe80::40d1:4fff:fe6e:d485/64
veth8e69b358@if2 UP           fe80::f0be:46ff:fee7:fb23/64
veth62243482@if2 UP           fe80::c52:58ff:fe6e:a289/64
veth4def4cbc@if2 UP           fe80::106e:beff:fe82:90d9/64
veth6583da97@if2 UP           fe80::e8dd:3fff:fe64:9071/64
veth30a60131@if2 UP           fe80::5097:44ff:fea9:9783/64
veth17bbb9b4@if2 UP           fe80::4067:f9ff:fe92:3663/64
vetha71f5d6e@if2 UP           fe80::6493:5cff:fef8:aadd/64
veth4171ad7f@if2 UP           fe80::a9:96ff:fe0e:311/64
vethffca2e81@if2 UP           fe80::302f:f9ff:fee5:8f50/64
vethce83eb59@if2 UP           fe80::c0f8:c5ff:fe07:f5e9/64
veth30897d87@if2 UP           fe80::c0ac:bfff:fe78:6080/64
veth9389c32@if2 UP           fe80::d810:1fff:fe14:5285/64
vethde8e4fea@if2 UP           fe80::547d:b0ff:fe0b:1f1c/64
vethc3a4bead@if2 UP           fe80::9c59:dcff:fee7:6f8e/64
veth4f402974@if2 UP           fe80::f490:b3ff:fe57:44e6/64
veth0cdaa299@if2 UP           fe80::283b:a8ff:fe3e:a4de/64
vethb0dc4ed2@if2 UP           fe80::e07f:9aff:fea0:99ea/64
veth1c3166fa@if2 UP           fe80::8c40:cbff:fe20:ec8/64
veth2255cafe@if2 UP           fe80::8df:44ff:feb0:4386/64
vethb12cf176@if2 UP           fe80::48b8:e7ff:fe3e:c539/64
veth931f4dd1@if2 UP           fe80::9cad:31ff:fe6d:b6bf/64
```

Last
update:
2023/04/03 13:55 exclude_virtual_interfaces_in_ip_command https://wiki.alanwalker.uk/doku.php?id=exclude_virtual_interfaces_in_ip_command&rev=1680530110

vetha3c59775@if2 UP	fe80::70fe:feff:fe35:d5a7/64
veth2ceb7cf6@if2 UP	fe80::a008:eeff:feb6:4cba/64
veth2199c7d1@if2 UP	fe80::f4c1:e4ff:fefa:465c/64

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