

## Computer Network Technology Assignment 1

\* Aim : Explore & study TCP/IP utilities and network commands on Linux

\* Theory :

i) ping : The linux ping command is a simple utility used to check whether a network is available and if a host is reachable. Using this command, we can test if server is up & running. It also helps in troubleshooting connectivity issues.

syntax : ping [options] hostname or IP address  
eg : ping pvgcoet.ac.in

ii) ifconfig : The interface configuration command is used to configure the kernel resident network interfaces. It is used at boottime to set up interfaces as necessary. After that its used for debugging & system tuning. Also, this command is used to assign IP addresses and netmask to an interface or to enable/disable a given interface.

syntax : ifconfig [options] [interface]  
eg : ifconfig -a /ifconfig

iii) hostname : this command in linux is used to obtain DNS (Domain



Name System) and set the system's hostname or NIS (Network Information System) domain name. A hostname is a name which is given to a computer and it is attached to the network. Its main purpose is to uniquely identify a network.

syntax: hostname [options] [file]

eg: hostname / hostname -a

iv) whois : this is a TCP based query and response protocol that is commonly used to provide information services to internet users. It returns information about the registered domain names, IP address block, name servers and much wider range of information services.

syntax: whois IPaddress / hostname

eg: whois google.com

v) netstat : network statistics is a command line tool for monitoring network connections both incoming and outgoing as well as viewing routing tables, interface statistics.

syntax: netstat [-options]

eg: netstat



vi) **Route** : route command in linux is used when you want to work with the IP / kernel routing table. It is mainly used to set up static routes to specific hosts or networks via an interface. It is used for showing or update the IP / kernel routing table.

syntax: route - [options]

eg: route / route - n / route - c n

vii) **traceroute** : this command in linux prints the route that a packet takes to reach host. It is useful to know all the hops that a packet takes.

syntax: traceroute [options] host-address [pathlength]

eg: traceroute google.com

viii) **NSlookup** : nslookup stands for nameserver lookup. Used to get info from DNS server. It is a network administrator tool for querying DNS to obtain domain name or IP address mapping. It is also used to troubleshoot DNS problems.

syntax: nslookup [option]

eg: nslookup google.com

ix) **arp** : this command manipulates the system's ARP cache. It allows a complete dump of arp cache. ARP stands for address



resolution protocol. Primary function of this protocol is to resolve IP address of a system to its MAC address and hence it works between data link layer and network layer.

syntax: `arp [-v] [-i if] [-tl type] -a hostname`

eg: `arp -a` / `arp -H ether`

x) **finger**: this is a user information lookup command which gives details of all users logged in. Provides details like login name, user name, idle time, login time and email addresses. This tool is similar to pin key tool but is lightweight.

syntax: `finger [username]`

eg: `finger yatish`

xi) **nmap**: this is a linux command tool for network exploration & security auditing. Generally used by hackers & cybersecurity enthusiasts.

syntax: `nmap [hostname or IP address]`

eg: `nmap google.com`

xii) **tracert**: used to trace paths to destination discovering MTU

along this path. Uses UDP port on some random port.  
Doesn't require super user privileges.

syntax: `tracert [-n] [-b] [-m max_hops] [-p port] dest`  
eg: `tracert google.com`

\* Conclusion: TCP/IP utilities & network commands have been studied.

```
yatish@yatish-VirtualBox:~$ ping pvgcoet.ac.in
PING pvgcoet.ac.in (207.174.213.22) 56(84) bytes of data.
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=1 ttl=50 time=263
ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=2 ttl=47 time=266
ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=3 ttl=50 time=263
ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=4 ttl=47 time=265
ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=5 ttl=50 time=303
ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=6 ttl=47 time=265
ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=7 ttl=50 time=263
ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=8 ttl=47 time=269
ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=9 ttl=50 time=263
ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=10 ttl=47
time=266 ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=11 ttl=50
time=264 ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=12 ttl=47
time=268 ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=13 ttl=50
time=266 ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=14 ttl=47
time=266 ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=15 ttl=50
time=266 ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=16 ttl=50
time=263 ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=17 ttl=47
time=267 ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=18 ttl=50
time=264 ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=19 ttl=47
time=267 ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=20 ttl=50
time=265 ms
64 bytes from 207.174.213.22 (207.174.213.22): icmp_seq=21 ttl=47
time=267 ms
^C
--- pvgcoet.ac.in ping statistics ---
21 packets transmitted, 21 received, 0% packet loss, time 20027ms
rtt min/avg/max/mdev = 262.632/267.096/303.389/8.297 ms
```

```
yatish@yatish-VirtualBox:~$ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255
    inet6 fe80::1061:797c:6474:16e8 prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:50:5d:cf txqueuelen 1000 (Ethernet)
    RX packets 19880 bytes 29514451 (29.5 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
```



TX packets 3338 bytes 233173 (233.1 KB)  
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536  
inet 127.0.0.1 netmask 255.0.0.0  
inet6 ::1 prefixlen 128 scopeid 0x10<host>  
loop txqueuelen 1000 (Local Loopback)  
RX packets 201 bytes 17178 (17.1 KB)  
RX errors 0 dropped 0 overruns 0 frame 0  
TX packets 201 bytes 17178 (17.1 KB)  
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

yatish@yatish-VirtualBox:~\$ hostname  
yatish-VirtualBox

yatish@yatish-VirtualBox:~\$ whois pvgcoet.ac.in  
Domain Name: pvgcoet.ac.in  
Registry Domain ID: D15087-IN  
Registrar WHOIS Server:  
Registrar URL: http://www.ernet.in  
Updated Date: 2021-02-26T11:08:29Z  
Creation Date: 2003-12-19T20:40:59Z  
Registry Expiry Date: 2021-12-19T20:40:59Z  
Registrar: ERNET India  
Registrar IANA ID: 800068  
Registrar Abuse Contact Email:  
Registrar Abuse Contact Phone:  
Domain Status: ok http://www.icann.org/epp#OK  
Registry Registrant ID: REDACTED FOR PRIVACY  
Registrant Name: REDACTED FOR PRIVACY  
Registrant Organization: Pune Vidyarthi Grihas  
Registrant Street: REDACTED FOR PRIVACY  
Registrant Street: REDACTED FOR PRIVACY  
Registrant Street: REDACTED FOR PRIVACY  
Registrant City: REDACTED FOR PRIVACY  
Registrant State/Province:  
Registrant Postal Code: REDACTED FOR PRIVACY  
Registrant Country: IN  
Registrant Phone: REDACTED FOR PRIVACY  
Registrant Phone Ext: REDACTED FOR PRIVACY  
Registrant Fax: REDACTED FOR PRIVACY  
Registrant Fax Ext: REDACTED FOR PRIVACY  
Registrant Email: Please contact the Registrar listed above  
Registry Admin ID: REDACTED FOR PRIVACY  
Admin Name: REDACTED FOR PRIVACY  
Admin Organization: REDACTED FOR PRIVACY  
Admin Street: REDACTED FOR PRIVACY  
Admin Street: REDACTED FOR PRIVACY  
Admin Street: REDACTED FOR PRIVACY  
Admin City: REDACTED FOR PRIVACY  
Admin State/Province: REDACTED FOR PRIVACY  
Admin Postal Code: REDACTED FOR PRIVACY  
Admin Country: REDACTED FOR PRIVACY  
Admin Phone: REDACTED FOR PRIVACY  
Admin Phone Ext: REDACTED FOR PRIVACY  
Admin Fax: REDACTED FOR PRIVACY

Admin Fax Ext: REDACTED FOR PRIVACY  
Admin Email: Please contact the Registrar listed above  
Registry Tech ID: REDACTED FOR PRIVACY  
Tech Name: REDACTED FOR PRIVACY  
Tech Organization: REDACTED FOR PRIVACY  
Tech Street: REDACTED FOR PRIVACY  
Tech Street: REDACTED FOR PRIVACY  
Tech Street: REDACTED FOR PRIVACY  
Tech City: REDACTED FOR PRIVACY  
Tech State/Province: REDACTED FOR PRIVACY  
Tech Postal Code: REDACTED FOR PRIVACY  
Tech Country: REDACTED FOR PRIVACY  
Tech Phone: REDACTED FOR PRIVACY  
Tech Phone Ext: REDACTED FOR PRIVACY  
Tech Fax: REDACTED FOR PRIVACY  
Tech Fax Ext: REDACTED FOR PRIVACY  
Tech Email: Please contact the Registrar listed above  
Name Server: ns1.bh-40.webhostbox.net  
Name Server: ns2.bh-40.webhostbox.net  
DNSSEC: unsigned  
URL of the ICANN Whois Inaccuracy Complaint Form:  
<https://www.icann.org/wicf/>  
>>> Last update of WHOIS database: 2021-03-20T08:57:13Z <<<

For more information on Whois status codes, please visit  
<https://icann.org/epp>

Access to .IN WHOIS information is provided to assist persons in determining the contents of a domain name registration record in the .IN registry database. The data in this record is provided by .IN Registry for informational purposes only ,and .IN does not guarantee its accuracy. This service is intended only for query-based access. You agree that you will use this data only for lawful purposes and that, under no circumstances will you use this data to (a) allow, enable, or otherwise support the transmission by e-mail, telephone, or facsimile of mass unsolicited, commercial advertising or solicitations to entities other than the data recipient's own existing customers; or (b) enable high volume, automated, electronic processes that send queries or data to the systems of Registry Operator or a Registrar, or Neustar except as reasonably necessary to register domain names or modify existing registrations. All rights reserved. .IN reserves the right to modify these terms at any time. By submitting this query, you agree to abide by this policy.

```
yatish@yatish-VirtualBox:~$ netstat
Active Internet connections (w/o servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
udp        0      0 yatish-VirtualBo:bootpc _gateway:bootps
ESTABLISHED
Active UNIX domain sockets (w/o servers)
Proto RefCnt Flags               Type                   State                  I-Node   Path
unix    2      [ ]                   DGRAM                  32815
/run/user/1000/systemd/notify
unix    2      [ ]                   DGRAM                  15186
/run/systemd/journal/syslog
```



unix	18	[ ]	DGRAM		15196	
/run/systemd/journal/dev-log						
unix	8	[ ]	DGRAM		15200	
/run/systemd/journal/socket						
unix	3	[ ]	DGRAM		15172	
/run/systemd/notify						
unix	3	[ ]	STREAM	CONNECTED	37130	
unix	3	[ ]	STREAM	CONNECTED	35667	
/run/user/1000/bus						
unix	3	[ ]	STREAM	CONNECTED	43519	
/run/user/1000/pulse/native						
unix	3	[ ]	STREAM	CONNECTED	37031	
unix	3	[ ]	STREAM	CONNECTED	35140	
unix	3	[ ]	STREAM	CONNECTED	33613	
unix	3	[ ]	STREAM	CONNECTED	22647	
unix	3	[ ]	STREAM	CONNECTED	39286	
/run/dbus/system_bus_socket						
unix	2	[ ]	DGRAM		35239	
unix	3	[ ]	STREAM	CONNECTED	37292	
unix	3	[ ]	STREAM	CONNECTED	35557	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	28596	
/run/dbus/system_bus_socket						
unix	3	[ ]	STREAM	CONNECTED	36810	
unix	3	[ ]	STREAM	CONNECTED	35673	
unix	3	[ ]	STREAM	CONNECTED	21428	
unix	3	[ ]	STREAM	CONNECTED	43518	
unix	3	[ ]	STREAM	CONNECTED	37066	
/run/user/1000/bus						
unix	3	[ ]	STREAM	CONNECTED	35141	
/run/dbus/system_bus_socket						
unix	3	[ ]	STREAM	CONNECTED	39285	
unix	3	[ ]	STREAM	CONNECTED	37287	
unix	3	[ ]	STREAM	CONNECTED	35575	
unix	3	[ ]	STREAM	CONNECTED	36664	
unix	3	[ ]	STREAM	CONNECTED	35678	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	21429	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	43348	
/run/user/1000/pulse/native						
unix	3	[ ]	STREAM	CONNECTED	37960	@/tmp/dbus-
7cBqqc6NHY						
unix	3	[ ]	STREAM	CONNECTED	36988	
unix	3	[ ]	STREAM	CONNECTED	35142	
unix	3	[ ]	STREAM	CONNECTED	33614	
/run/user/1000/bus						
unix	3	[ ]	STREAM	CONNECTED	39282	
/run/user/1000/bus						
unix	3	[ ]	STREAM	CONNECTED	37288	
/run/cups/cups.sock						
unix	3	[ ]	STREAM	CONNECTED	35558	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	37156	
/run/user/1000/bus						
unix	3	[ ]	STREAM	CONNECTED	35912	

unix 3	[ ]	STREAM	CONNECTED	25376	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	39051	
unix 3	[ ]	STREAM	CONNECTED	37952	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	36977	
unix 3	[ ]	STREAM	CONNECTED	34906	
unix 3	[ ]	STREAM	CONNECTED	33679	
/run/user/1000/bus					
unix 2	[ ]	DGRAM		22659	
unix 3	[ ]	STREAM	CONNECTED	39277	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	37605	
unix 3	[ ]	STREAM	CONNECTED	35553	
unix 3	[ ]	STREAM	CONNECTED	28595	
unix 3	[ ]	STREAM	CONNECTED	36753	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35917	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	43339	
unix 3	[ ]	STREAM	CONNECTED	37954	
unix 3	[ ]	STREAM	CONNECTED	36989	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	34907	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	33720	
unix 2	[ ]	DGRAM		22633	
unix 3	[ ]	STREAM	CONNECTED	42577	
unix 3	[ ]	STREAM	CONNECTED	35062	
unix 3	[ ]	STREAM	CONNECTED	37599	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	35572	
unix 2	[ ]	DGRAM		28302	
unix 3	[ ]	STREAM	CONNECTED	36665	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35674	
unix 3	[ ]	STREAM	CONNECTED	25375	
unix 3	[ ]	STREAM	CONNECTED	43347	
unix 3	[ ]	STREAM	CONNECTED	37959	
unix 3	[ ]	STREAM	CONNECTED	37060	
unix 2	[ ]	DGRAM		34938	
unix 3	[ ]	STREAM	CONNECTED	33509	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	39281	
unix 3	[ ]	STREAM	CONNECTED	37293	
unix 3	[ ]	STREAM	CONNECTED	35576	@/tmp/dbus-
7cBqqc6NHY					
unix 3	[ ]	STREAM	CONNECTED	33259	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	36811	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35679	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	43340	
unix 3	[ ]	STREAM	CONNECTED	37955	@/tmp/.X11-
unix/X0					



unix 3	[ ]	STREAM	CONNECTED	37059	@/tmp/dbus-
7cBqqc6NHY					
unix 3	[ ]	STREAM	CONNECTED	35118	
unix 3	[ ]	STREAM	CONNECTED	33475	
unix 3	[ ]	STREAM	CONNECTED	22949	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	42576	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	37282	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	35573	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	36750	
unix 3	[ ]	STREAM	CONNECTED	35666	
unix 3	[ ]	STREAM	CONNECTED	43497	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	39052	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	37032	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35119	
/run/systemd/journal/stdout					
unix 2	[ ]	DGRAM		33603	
unix 3	[ ]	STREAM	CONNECTED	42578	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	35063	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	37297	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	35552	
unix 3	[ ]	STREAM	CONNECTED	36045	
unix 3	[ ]	STREAM	CONNECTED	35908	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	33460	
unix 3	[ ]	DGRAM		26381	
unix 3	[ ]	STREAM	CONNECTED	42568	@/tmp/dbus-
7cBqqc6NHY					
unix 3	[ ]	STREAM	CONNECTED	39826	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	39053	
unix 3	[ ]	STREAM	CONNECTED	35584	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	33135	
unix 2	[ ]	DGRAM		38140	
unix 3	[ ]	STREAM	CONNECTED	36046	@/tmp/.ICE-
unix/1595					
unix 3	[ ]	STREAM	CONNECTED	35835	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	33463	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	27410	
unix 3	[ ]	STREAM	CONNECTED	26484	
unix 3	[ ]	STREAM	CONNECTED	33080	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	39825	
unix 3	[ ]	STREAM	CONNECTED	37926	

unix 3	[ ]	STREAM	CONNECTED	35588	
@/home/yatish/.cache/ibus/dbus-sRkLNkGE					
unix 3	[ ]	STREAM	CONNECTED	33175	
unix 3	[ ]	STREAM	CONNECTED	22947	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	39821	
unix 3	[ ]	STREAM	CONNECTED	35903	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	35143	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	26502	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	33079	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	39830	
unix 3	[ ]	STREAM	CONNECTED	37281	
unix 3	[ ]	STREAM	CONNECTED	35589	
unix 3	[ ]	STREAM	CONNECTED	33136	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	39822	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35902	
unix 3	[ ]	STREAM	CONNECTED	33462	
unix 2	[ ]	DGRAM		30904	
unix 3	[ ]	STREAM	CONNECTED	33019	
unix 3	[ ]	STREAM	CONNECTED	37279	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	35590	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	33247	
unix 3	[ ]	STREAM	CONNECTED	39820	
unix 3	[ ]	STREAM	CONNECTED	35907	
unix 3	[ ]	STREAM	CONNECTED	33503	
/run/systemd/journal/stdout					
unix 2	[ ]	DGRAM		32010	
unix 3	[ ]	STREAM	CONNECTED	27404	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	42567	
unix 3	[ ]	STREAM	CONNECTED	39054	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35592	
@/home/yatish/.cache/ibus/dbus-sRkLNkGE					
unix 3	[ ]	STREAM	CONNECTED	33498	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	22390	
unix 3	[ ]	STREAM	CONNECTED	39823	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35972	
unix 3	[ ]	STREAM	CONNECTED	32006	@/tmp/dbus-
6SvYysLj					
unix 3	[ ]	STREAM	CONNECTED	27411	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	27402	
unix 3	[ ]	STREAM	CONNECTED	33022	
unix 2	[ ]	STREAM	CONNECTED	29293	@/tmp/dbus-
jdYlGPrj					



unix 3	[ ]	STREAM	CONNECTED	43390	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	37068	
unix 3	[ ]	STREAM	CONNECTED	35587	
unix 3	[ ]	STREAM	CONNECTED	33246	
unix 3	[ ]	STREAM	CONNECTED	36031	
unix 3	[ ]	STREAM	CONNECTED	35834	
unix 3	[ ]	STREAM	CONNECTED	33416	
unix 3	[ ]	STREAM	CONNECTED	33060	
unix 3	[ ]	STREAM	CONNECTED	39831	@/tmp/dbus-
7cBqqc6NHY					
unix 3	[ ]	STREAM	CONNECTED	37278	
unix 3	[ ]	STREAM	CONNECTED	35591	
unix 3	[ ]	STREAM	CONNECTED	33176	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	36032	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	35973	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	33417	
/run/user/1000/bus					
unix 2	[ ]	DGRAM		22346	
unix 2	[ ]	DGRAM		33001	
unix 3	[ ]	STREAM	CONNECTED	43389	
unix 3	[ ]	STREAM	CONNECTED	37069	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	35583	
unix 3	[ ]	STREAM	CONNECTED	33248	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	35563	
unix 3	[ ]	STREAM	CONNECTED	33077	
unix 3	[ ]	STREAM	CONNECTED	39289	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	33285	
/run/user/1000/bus					
unix 3	[ ]	DGRAM		16663	
unix 3	[ ]	STREAM	CONNECTED	37272	
unix 3	[ ]	STREAM	CONNECTED	37187	
unix 3	[ ]	STREAM	CONNECTED	36612	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	31998	
unix 3	[ ]	STREAM	CONNECTED	36657	
unix 3	[ ]	STREAM	CONNECTED	25748	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	35581	
unix 3	[ ]	STREAM	CONNECTED	33134	
unix 3	[ ]	STREAM	CONNECTED	22723	
unix 3	[ ]	STREAM	CONNECTED	39288	
unix 3	[ ]	STREAM	CONNECTED	33360	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	24679	
unix 3	[ ]	STREAM	CONNECTED	39834	
unix 3	[ ]	STREAM	CONNECTED	37972	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	36616	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	32002	

unix	3	[ ]	STREAM	CONNECTED	36631	
unix	2	[ ]	DGRAM		28131	
unix	3	[ ]	STREAM	CONNECTED	35582	@/tmp/dbus-
7cBqqc6NHY						
unix	3	[ ]	STREAM	CONNECTED	33497	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	33408	
unix	2	[ ]	DGRAM		19949	
unix	2	[ ]	DGRAM		16513	
unix	3	[ ]	STREAM	CONNECTED	37237	
/run/user/1000/bus						
unix	3	[ ]	STREAM	CONNECTED	36615	
unix	3	[ ]	STREAM	CONNECTED	31999	
unix	3	[ ]	STREAM	CONNECTED	36632	
/run/user/1000/bus						
unix	3	[ ]	STREAM	CONNECTED	35566	
unix	3	[ ]	STREAM	CONNECTED	33078	
unix	2	[ ]	DGRAM		22712	
unix	3	[ ]	STREAM	CONNECTED	39294	@/tmp/dbus-
7cBqqc6NHY						
unix	3	[ ]	STREAM	CONNECTED	33502	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	42574	
/run/user/1000/bus						
unix	3	[ ]	STREAM	CONNECTED	37188	@/tmp/dbus-
7cBqqc6NHY						
unix	3	[ ]	STREAM	CONNECTED	36628	
/run/user/1000/bus						
unix	3	[ ]	STREAM	CONNECTED	32005	
unix	3	[ ]	STREAM	CONNECTED	36653	
unix	3	[ ]	STREAM	CONNECTED	22946	
/run/dbus/system_bus_socket						
unix	3	[ ]	STREAM	CONNECTED	35567	
@/home/yatish/.cache/ibus/dbus-sRkLNkGE						
unix	2	[ ]	DGRAM		33076	
unix	3	[ ]	STREAM	CONNECTED	33284	
unix	2	[ ]	DGRAM		24678	
unix	2	[ ]	DGRAM		37981	
unix	3	[ ]	STREAM	CONNECTED	37927	
@/home/yatish/.cache/ibus/dbus-sRkLNkGE						
unix	3	[ ]	STREAM	CONNECTED	36621	
unix	3	[ ]	STREAM	CONNECTED	32001	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	36654	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	25751	
unix	3	[ ]	STREAM	CONNECTED	35569	
/run/user/1000/bus						
unix	3	[ ]	STREAM	CONNECTED	33496	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	33499	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	20347	
unix	3	[ ]	STREAM	CONNECTED	37236	
unix	3	[ ]	STREAM	CONNECTED	36619	
/run/systemd/journal/stdout						



unix 3	[ ]	STREAM	CONNECTED	32003	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	36658	
unix 3	[ ]	STREAM	CONNECTED	25747	
unix 3	[ ]	STREAM	CONNECTED	22389	
unix 3	[ ]	STREAM	CONNECTED	35568	
unix 3	[ ]	STREAM	CONNECTED	33359	
unix 3	[ ]	STREAM	CONNECTED	24687	
/run/dbus/system_bus_socket					
unix 3	[ ]	DGRAM		16664	
unix 3	[ ]	STREAM	CONNECTED	37971	
unix 2	[ ]	DGRAM		37264	
unix 3	[ ]	STREAM	CONNECTED	36618	
unix 3	[ ]	STREAM	CONNECTED	32000	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	36659	@/tmp/dbus-
7cBqqc6NHY					
unix 3	[ ]	STREAM	CONNECTED	42573	
unix 3	[ ]	STREAM	CONNECTED	35564	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	22951	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	39293	
unix 3	[ ]	STREAM	CONNECTED	33345	
unix 3	[ ]	STREAM	CONNECTED	22942	
/run/dbus/system_bus_socket					
unix 2	[ ]	DGRAM		37974	
unix 3	[ ]	STREAM	CONNECTED	37273	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	36611	
unix 3	[ ]	STREAM	CONNECTED	36660	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	25750	
unix 3	[ ]	STREAM	CONNECTED	36536	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35664	
unix 3	[ ]	STREAM	CONNECTED	33739	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	36926	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	36754	
/run/systemd/journal/stdout					
unix 2	[ ]	DGRAM		32533	
unix 3	[ ]	STREAM	CONNECTED	35532	
unix 3	[ ]	STREAM	CONNECTED	24780	
unix 3	[ ]	STREAM	CONNECTED	23277	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	22379	
unix 3	[ ]	STREAM	CONNECTED	21847	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	37134	
unix 3	[ ]	STREAM	CONNECTED	35618	
unix 3	[ ]	STREAM	CONNECTED	33729	
unix 3	[ ]	STREAM	CONNECTED	36919	
unix 3	[ ]	STREAM	CONNECTED	36765	@/tmp/dbus-
7cBqqc6NHY					

unix 3	[ ]	STREAM	CONNECTED	23479	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	23275	
/run/cups/cups.sock					
unix 3	[ ]	STREAM	CONNECTED	22388	
unix 2	[ ]	DGRAM		22366	
unix 3	[ ]	STREAM	CONNECTED	37058	
unix 3	[ ]	STREAM	CONNECTED	35608	
unix 3	[ ]	STREAM	CONNECTED	30351	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	33738	
unix 3	[ ]	STREAM	CONNECTED	24846	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	36920	
/run/systemd/journal/stdout					
unix 2	[ ]	DGRAM		32501	
unix 3	[ ]	STREAM	CONNECTED	23478	
unix 3	[ ]	STREAM	CONNECTED	35530	
unix 3	[ ]	STREAM	CONNECTED	23281	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	21773	
unix 3	[ ]	STREAM	CONNECTED	36564	
unix 3	[ ]	STREAM	CONNECTED	35619	@/tmp/.X11-
unix/X0					
unix 2	[ ]	DGRAM		33798	
unix 3	[ ]	STREAM	CONNECTED	24637	
unix 3	[ ]	STREAM	CONNECTED	36978	
/run/user/1000/bus					
unix 3	[ ]	DGRAM		32817	
unix 3	[ ]	STREAM	CONNECTED	35548	
@/home/yatish/.cache/ibus/dbus-sRkLNkGE					
unix 3	[ ]	STREAM	CONNECTED	23276	
unix 3	[ ]	STREAM	CONNECTED	21775	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	36563	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35665	
/run/systemd/journal/stdout					
unix 2	[ ]	DGRAM		30340	
unix 3	[ ]	STREAM	CONNECTED	33721	
/run/systemd/journal/stdout					
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unix 3	[ ]	STREAM	CONNECTED	36751	
unix 2	[ ]	DGRAM		35460	
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unix 3	[ ]	STREAM	CONNECTED	22380	
unix 3	[ ]	STREAM	CONNECTED	21845	
unix 3	[ ]	STREAM	CONNECTED	36562	
unix 3	[ ]	STREAM	CONNECTED	35609	@/tmp/dbus-
7cBqqc6NHY					
unix 3	[ ]	STREAM	CONNECTED	33730	
/run/user/1000/bus					
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unix 3	[ ]	STREAM	CONNECTED	36923	
unix 3	[ ]	STREAM	CONNECTED	36763	
/run/user/1000/bus					

unix 3	[ ]	STREAM	CONNECTED	32820	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	35531	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	23270	
/run/cups/cups.sock					
unix 3	[ ]	STREAM	CONNECTED	22944	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	37157	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	35620	
unix 3	[ ]	STREAM	CONNECTED	30350	
unix 3	[ ]	STREAM	CONNECTED	33724	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	36924	@/tmp/dbus-
7cBqqc6NHY					
unix 3	[ ]	STREAM	CONNECTED	36764	
unix 3	[ ]	STREAM	CONNECTED	32819	
unix 3	[ ]	STREAM	CONNECTED	35496	
unix 3	[ ]	STREAM	CONNECTED	33258	
unix 3	[ ]	STREAM	CONNECTED	24781	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	23280	
unix 3	[ ]	STREAM	CONNECTED	22384	
unix 3	[ ]	STREAM	CONNECTED	36613	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	35621	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	33723	
unix 3	[ ]	STREAM	CONNECTED	24638	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	36925	
unix 3	[ ]	STREAM	CONNECTED	36752	
unix 3	[ ]	DGRAM		32816	
unix 2	[ ]	DGRAM		23468	
unix 3	[ ]	STREAM	CONNECTED	35497	
/run/user/1000/bus					
unix 3	[ ]	DGRAM		26380	
unix 3	[ ]	STREAM	CONNECTED	23269	
unix 3	[ ]	STREAM	CONNECTED	22945	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	32994	
unix 3	[ ]	STREAM	CONNECTED	25544	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	22943	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	35918	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35427	
unix 3	[ ]	STREAM	CONNECTED	25508	
unix 3	[ ]	STREAM	CONNECTED	20817	
/run/systemd/journal/stdout					
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unix 3	[ ]	STREAM	CONNECTED	39184	
unix 3	[ ]	STREAM	CONNECTED	35728	
/run/systemd/journal/stdout					

unix 3	[ ]	STREAM	CONNECTED	36535	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	30297	
unix 3	[ ]	STREAM	CONNECTED	22948	
/run/dbus/system_bus_socket					
unix 2	[ ]	DGRAM		15761	
unix 3	[ ]	STREAM	CONNECTED	34709	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	33508	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	20679	
unix 3	[ ]	STREAM	CONNECTED	35964	
unix 3	[ ]	STREAM	CONNECTED	35451	
unix 3	[ ]	STREAM	CONNECTED	32496	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35732	
unix 3	[ ]	STREAM	CONNECTED	38349	@/dbus-vfs-
daemon/socket-qdQC7ekM					
unix 3	[ ]	STREAM	CONNECTED	36489	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	30692	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	34710	
unix 3	[ ]	STREAM	CONNECTED	25532	
/run/dbus/system_bus_socket					
unix 2	[ ]	DGRAM		15925	
unix 3	[ ]	STREAM	CONNECTED	35965	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	35432	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	25499	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	22141	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	20888	
unix 3	[ ]	DGRAM		19779	
unix 3	[ ]	STREAM	CONNECTED	35733	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	42575	
unix 3	[ ]	STREAM	CONNECTED	36533	
unix 2	[ ]	DGRAM		22385	
unix 3	[ ]	STREAM	CONNECTED	34711	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	33461	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	20692	
unix 3	[ ]	STREAM	CONNECTED	35963	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35428	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	22140	
unix 3	[ ]	STREAM	CONNECTED	20889	
/run/systemd/journal/stdout					
unix 2	[ ]	DGRAM		19775	
unix 3	[ ]	STREAM	CONNECTED	35682	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	36299	



unix	3	[ ]	STREAM	CONNECTED	23458	
unix	3	[ ]	STREAM	CONNECTED	33419	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	25531	
unix	3	[ ]	STREAM	CONNECTED	20754	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	35962	
unix	3	[ ]	STREAM	CONNECTED	35449	
unix	3	[ ]	STREAM	CONNECTED	22001	
unix	3	[ ]	STREAM	CONNECTED	20815	
unix	3	[ ]	DGRAM		19780	
unix	3	[ ]	STREAM	CONNECTED	35681	
unix	3	[ ]	STREAM	CONNECTED	38348	
unix	3	[ ]	STREAM	CONNECTED	36298	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	23460	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	34645	
unix	3	[ ]	STREAM	CONNECTED	20753	
unix	3	[ ]	STREAM	CONNECTED	35971	
/run/user/1000/bus						
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/run/dbus/system_bus_socket						
unix	3	[ ]	STREAM	CONNECTED	23843	
unix	3	[ ]	STREAM	CONNECTED	22002	
/run/systemd/journal/stdout						
unix	3	[ ]	DGRAM		19781	
unix	3	[ ]	STREAM	CONNECTED	35736	
/run/user/1000/pulse/native						
unix	3	[ ]	STREAM	CONNECTED	39736	
/run/user/1000/pulse/native						
unix	3	[ ]	STREAM	CONNECTED	36297	
unix	3	[ ]	STREAM	CONNECTED	30690	
unix	3	[ ]	STREAM	CONNECTED	22497	
unix	3	[ ]	STREAM	CONNECTED	34708	
unix	3	[ ]	STREAM	CONNECTED	33474	
unix	2	[ ]	DGRAM		20689	
unix	3	[ ]	STREAM	CONNECTED	35970	
unix	3	[ ]	STREAM	CONNECTED	35452	@/tmp/.X11-
unix/X0						
unix	3	[ ]	STREAM	CONNECTED	32490	
unix	3	[ ]	STREAM	CONNECTED	25498	
unix	3	[ ]	DGRAM		19778	
unix	3	[ ]	STREAM	CONNECTED	35735	
unix	3	[ ]	STREAM	CONNECTED	36488	
unix	3	[ ]	STREAM	CONNECTED	23049	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	34644	
unix	3	[ ]	STREAM	CONNECTED	32993	
unix	3	[ ]	STREAM	CONNECTED	25543	
unix	3	[ ]	STREAM	CONNECTED	20680	
/run/systemd/journal/stdout						
unix	3	[ ]	STREAM	CONNECTED	35913	
unix	3	[ ]	STREAM	CONNECTED	35450	@/tmp/dbus-
7cBqqc6NHY						

unix 3	[ ]	STREAM	CONNECTED	22941	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	16454	
unix 3	[ ]	STREAM	CONNECTED	39185	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	35727	
unix 3	[ ]	STREAM	CONNECTED	37072	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	23048	
unix 3	[ ]	STREAM	CONNECTED	36534	
unix 3	[ ]	STREAM	CONNECTED	20423	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35317	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	34604	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	36398	
unix 3	[ ]	STREAM	CONNECTED	35404	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	34533	
unix 3	[ ]	STREAM	CONNECTED	36390	
unix 3	[ ]	STREAM	CONNECTED	35403	
unix 3	[ ]	STREAM	CONNECTED	34609	
unix 3	[ ]	STREAM	CONNECTED	34534	
/run/systemd/journal/stdout					
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/run/systemd/journal/stdout					
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/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35421	
unix 3	[ ]	STREAM	CONNECTED	34610	
/run/user/1000/bus					
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unix 3	[ ]	STREAM	CONNECTED	20422	
unix 3	[ ]	STREAM	CONNECTED	35422	@/tmp/.ICE-
unix/1595					
unix 3	[ ]	STREAM	CONNECTED	34131	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	34018	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	36392	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	19611	
unix 3	[ ]	STREAM	CONNECTED	35316	
unix 3	[ ]	STREAM	CONNECTED	34130	
unix 3	[ ]	STREAM	CONNECTED	36399	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	19616	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	35424	
unix 3	[ ]	STREAM	CONNECTED	34138	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	34017	
unix 3	[ ]	STREAM	CONNECTED	36443	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	19614	

unix 3	[ ]	STREAM	CONNECTED	35425	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	34603	
unix 3	[ ]	STREAM	CONNECTED	34137	
unix 3	[ ]	STREAM	CONNECTED	36864	
unix 3	[ ]	STREAM	CONNECTED	33658	
unix 3	[ ]	STREAM	CONNECTED	39522	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	20965	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	39835	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	37867	
/run/user/1000/bus					
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unix 3	[ ]	STREAM	CONNECTED	35991	
unix 2	[ ]	DGRAM		20818	
unix 3	[ ]	STREAM	CONNECTED	36865	
/run/systemd/journal/stdout					
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/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	30299	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	39213	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	37613	
unix 3	[ ]	STREAM	CONNECTED	37299	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	35992	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	36976	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	33650	
unix 3	[ ]	STREAM	CONNECTED	39653	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	39212	
unix 3	[ ]	STREAM	CONNECTED	37860	
unix 3	[ ]	STREAM	CONNECTED	37296	
unix 3	[ ]	STREAM	CONNECTED	35990	
unix 3	[ ]	STREAM	CONNECTED	36821	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	33678	
unix 3	[ ]	STREAM	CONNECTED	39652	
unix 3	[ ]	STREAM	CONNECTED	20963	
unix 3	[ ]	STREAM	CONNECTED	42563	@/tmp/.X11-
unix/X0					
unix 3	[ ]	STREAM	CONNECTED	37862	
unix 3	[ ]	STREAM	CONNECTED	37295	
unix 3	[ ]	STREAM	CONNECTED	36005	
unix 3	[ ]	DGRAM		15173	
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unix 3	[ ]	STREAM	CONNECTED	39521	
unix 3	[ ]	STREAM	CONNECTED	23844	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	39276	
unix 3	[ ]	STREAM	CONNECTED	37883	
/run/user/1000/bus					

unix 3	[ ]	STREAM	CONNECTED	37298	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	36006	
@/home/yatish/.cache/ibus/dbus-sRkLNkGE					
unix 3	[ ]	STREAM	CONNECTED	22952	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	36812	
unix 3	[ ]	STREAM	CONNECTED	33649	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	39526	@/tmp/dbus-
7cBqqc6NHY					
unix 3	[ ]	STREAM	CONNECTED	39190	@/tmp/dbus-
7cBqqc6NHY					
unix 3	[ ]	STREAM	CONNECTED	37922	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	37300	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	36010	
unix 3	[ ]	STREAM	CONNECTED	36975	
unix 3	[ ]	STREAM	CONNECTED	33648	
unix 3	[ ]	STREAM	CONNECTED	39735	
unix 3	[ ]	STREAM	CONNECTED	28265	
unix 3	[ ]	STREAM	CONNECTED	39189	
unix 3	[ ]	STREAM	CONNECTED	37951	
unix 3	[ ]	STREAM	CONNECTED	37921	
unix 3	[ ]	STREAM	CONNECTED	36011	
/run/user/1000/bus					
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unix 3	[ ]	STREAM	CONNECTED	36872	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	33659	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	39525	
unix 3	[ ]	STREAM	CONNECTED	28266	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	42562	
unix 3	[ ]	STREAM	CONNECTED	37861	@/tmp/dbus-
7cBqqc6NHY					
unix 3	[ ]	STREAM	CONNECTED	37606	
/run/user/1000/pulse/native					
unix 3	[ ]	STREAM	CONNECTED	35993	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	22930	
unix 3	[ ]	STREAM	CONNECTED	36300	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	20555	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	37333	
/run/dbus/system_bus_socket					
unix 3	[ ]	STREAM	CONNECTED	33589	
/run/systemd/journal/stdout					
unix 3	[ ]	STREAM	CONNECTED	22940	
unix 3	[ ]	STREAM	CONNECTED	36185	
/run/user/1000/bus					
unix 3	[ ]	STREAM	CONNECTED	43495	@/tmp/dbus-
7cBqqc6NHY					



```

unix 3      [ ]      STREAM      CONNECTED      39068
/run/systemd/journal/stdout
unix 3      [ ]      STREAM      CONNECTED      26097
unix 3      [ ]      STREAM      CONNECTED      37590
unix 3      [ ]      STREAM      CONNECTED      33598
unix 3      [ ]      STREAM      CONNECTED      36178
/run/systemd/journal/stdout
unix 3      [ ]      STREAM      CONNECTED      43489      @/tmp/.X11-
unix/X0
unix 3      [ ]      STREAM      CONNECTED      39065
unix 3      [ ]      STREAM      CONNECTED      26101
unix 3      [ ]      STREAM      CONNECTED      37598
unix 3      [ ]      STREAM      CONNECTED      33831
/run/dbus/system_bus_socket
unix 2      [ ]      DGRAM              22938
unix 3      [ ]      STREAM      CONNECTED      36179
unix 3      [ ]      STREAM      CONNECTED      43488
unix 3      [ ]      STREAM      CONNECTED      37339
unix 3      [ ]      STREAM      CONNECTED      33588
unix 3      [ ]      STREAM      CONNECTED      36180
/run/systemd/journal/stdout
unix 3      [ ]      STREAM      CONNECTED      39136
/run/systemd/journal/stdout
unix 3      [ ]      STREAM      CONNECTED      36302
unix 3      [ ]      STREAM      CONNECTED      26098
/run/dbus/system_bus_socket
unix 3      [ ]      STREAM      CONNECTED      20554
unix 3      [ ]      STREAM      CONNECTED      37584
/run/dbus/system_bus_socket
unix 3      [ ]      STREAM      CONNECTED      33599
/run/systemd/journal/stdout
unix 3      [ ]      STREAM      CONNECTED      36181
unix 3      [ ]      STREAM      CONNECTED      43494
unix 3      [ ]      STREAM      CONNECTED      37591      @/tmp/.X11-
unix/X0
unix 3      [ ]      STREAM      CONNECTED      22939
unix 3      [ ]      STREAM      CONNECTED      36305
/run/user/1000/bus
unix 3      [ ]      STREAM      CONNECTED      43496
unix 3      [ ]      STREAM      CONNECTED      39067
unix 3      [ ]      STREAM      CONNECTED      37585
/run/dbus/system_bus_socket
unix 3      [ ]      STREAM      CONNECTED      36177
unix 3      [ ]      STREAM      CONNECTED      39135
unix 3      [ ]      STREAM      CONNECTED      39066
/run/systemd/journal/stdout
unix 3      [ ]      STREAM      CONNECTED      26102
unix 3      [ ]      STREAM      CONNECTED      16729
/run/systemd/journal/stdout
unix 3      [ ]      STREAM      CONNECTED      37582
unix 3      [ ]      STREAM      CONNECTED      33830
unix 3      [ ]      STREAM      CONNECTED      36389

```

yatish@yatish-VirtualBox:~\$ traceroute pvgcoet.ac.in

traceroute to pvgcoet.ac.in (207.174.213.22), 30 hops max, 60 byte packets

```
1  _gateway (10.0.2.2)  0.511 ms  0.535 ms  0.524 ms
2  * * *
3  * * *
4  * * *
5  * * *
6  * * *
7  * * *
8  * * *
9  * * *
10 * * *
11 * * *
12 * * *
13 * * *
14 * * *
15 * * *
16 * * *
17 * * *
18 * * *
19 * * *
20 * * *
21 * * *
22 * * *
23 * * *
24 * * *
25 * * *
26 * * *
27 * * *
28 * * *
29 * * *
30 * * *
```

```
yatish@yatish-VirtualBox:~$ nslookup pvgcoet.ac.in
Server:      127.0.0.53
Address:     127.0.0.53#53
```

```
Non-authoritative answer:
Name: pvgcoet.ac.in
Address: 207.174.213.22
```

```
yatish@yatish-VirtualBox:~$ arp
Address                HWtype  HWaddress                  Flags Mask
Iface
_gateway              ether   52:54:00:12:35:02        C
enp0s3
```

```
yatish@yatish-VirtualBox:~$ finger
Login      Name            Tty      Idle   Login Time   Office   Office
Phone
yatish     Yatish Kelkar  *:0                        Mar 20 14:19 (:0)
```

```
yatish@yatish-VirtualBox:~$ nmap pvgcoet.ac.in
Starting Nmap 7.80 ( https://nmap.org ) at 2021-03-20 14:36 IST
Nmap scan report for pvgcoet.ac.in (207.174.213.22)
Host is up (0.27s latency).
Not shown: 985 filtered ports
PORT      STATE SERVICE
21/tcp    open  ftp
22/tcp    open  ssh
25/tcp    open  smtp
26/tcp    open  rsftp
53/tcp    open  domain
80/tcp    open  http
110/tcp   open  pop3
143/tcp   open  imap
443/tcp   open  https
465/tcp   open  smtps
587/tcp   open  submission
993/tcp   open  imaps
995/tcp   open  pop3s
2222/tcp  open  EtherNetIP-1
3306/tcp  open  mysql
```

Nmap done: 1 IP address (1 host up) scanned in 12.13 seconds

```
yatish@yatish-VirtualBox:~$ tracepath pvgcoet.ac.in
 1?: [LOCALHOST] pmtu 1500
 1: _gateway 0.299ms
 1: _gateway 0.241ms
 2: no reply
 3: no reply
 4: _gateway 0.600ms !N
    Resume: pmtu 1500
```