

\$ ip a

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s25: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc fq_codel state DOWN group default qlen 1000
    link/ether 34:64:a9:d4:cb:36 brd ff:ff:ff:ff:ff:ff
3: wlo1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
    link/ether 80:19:34:29:5f:ea brd ff:ff:ff:ff:ff:ff
    inet 192.168.0.18/24 brd 192.168.0.255 scope global dynamic noprefixroute wlo1
        valid_lft 79195sec preferred_lft 79195sec
    inet6 fe80::f988:ac84:c757:703e/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
4: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default
    link/ether 02:42:94:6f:ea:37 brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
        valid_lft forever preferred_lft forever
```

\$ ifconfig

```
docker0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 172.17.0.1 netmask 255.255.0.0 broadcast 172.17.255.255
    ether 02:42:94:6f:ea:37 txqueuelen 0 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

enp0s25: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether 34:64:a9:d4:cb:36 txqueuelen 1000 (Ethernet)
    RX packets 1594749 bytes 2261487441 (2.2 GB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 596319 bytes 367641874 (367.6 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 20 memory 0xd0700000-d0720000

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 (Boucle locale)
    RX packets 235844 bytes 203813235 (203.8 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 235844 bytes 203813235 (203.8 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlo1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.0.18 netmask 255.255.255.0 broadcast 192.168.0.255
    inet6 fe80::f988:ac84:c757:703e prefixlen 64 scopeid 0x20<link>
    ether 80:19:34:29:5f:ea txqueuelen 1000 (Ethernet)
    RX packets 3166365 bytes 3509196664 (3.5 GB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1952486 bytes 980678646 (980.6 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

\$ arp

Adresse	TypeMap	AdresseMat	Indicateurs	Iface
_gateway	ether	a0:39:ee:8c:a4:cd	C	wl01

\$ ip r

```
default via 192.168.0.1 dev wl01 proto dhcp metric 600
169.254.0.0/16 dev wl01 scope link metric 1000
172.17.0.0/16 dev docker0 proto kernel scope link src 172.17.0.1 linkdown
192.168.0.0/24 dev wl01 proto kernel scope link src 192.168.0.18 metric 600
```

\$ route

Table de routage IP du noyau

Destination	Passerelle	Genmask	Indic	Metric	Ref	Use	Iface
default	_gateway	0.0.0.0	UG	600	0	0	wl01
link-local	0.0.0.0	255.255.0.0	U	1000	0	0	wl01
172.17.0.0	0.0.0.0	255.255.0.0	U	0	0	0	docker0
192.168.0.0	0.0.0.0	255.255.255.0	U	600	0	0	wl01

\$ netstat -taupe

Connexions Internet		actives (serveurs et établies)							
Proto	Recv-Q	Send-Q	Adresse locale	Adresse distante	Etat	Utilisatr	Inode	PID/Program name	
tcp	0	0	localhost:ipp	0.0.0.0:*	LISTEN	root	2046214	-	-
tcp	0	0	localhost:mysql	0.0.0.0:*	LISTEN	mysql	29819	-	-
tcp	0	0	localhost:42895	0.0.0.0:*	LISTEN	root	28740	-	-
tcp	0	0	localhost:domain	0.0.0.0:*	LISTEN	systemd-resolve	22642	-	-
tcp	0	0	ash:60106	par21s04-in-f3.1e:https	ESTABLISHED	hernandez-n	2974555	7903/firefox	-
tcp	0	0	ash:40272	canada.timescraper:8040	ESTABLISHED	hernandez-n	2906003	7903/firefox	-
tcp	0	0	ash:45202	ec2-34-212-75-43.:https	TIME_WAIT	root	0	-	-
tcp	0	0	ash:52338	par21s12-in-f2.1e:https	ESTABLISHED	hernandez-n	3014935	7903/firefox	-
tcp	0	0	ash:39896	text-lb.esams.wik:https	ESTABLISHED	hernandez-n	3014955	7903/firefox	-
tcp	0	0	ash:52340	par21s12-in-f2.1e:https	ESTABLISHED	hernandez-n	3014940	7903/firefox	-
tcp	0	0	ash:46270	par10s28-in-f101.:https	TIME_WAIT	root	0	-	-
tcp	0	0	ash:58356	gitlab.d101.univ.:https	ESTABLISHED	hernandez-n	2964566	7903/firefox	-
tcp	0	0	ash:47792	ec2-52-34-225-30.:https	ESTABLISHED	hernandez-n	2457366	7903/firefox	-
tcp	0	0	ash:47010	par21s11-in-f4.1e:https	ESTABLISHED	hernandez-n	3012512	7903/firefox	-
tcp	0	0	ash:36844	upload-lb.esams.w:https	ESTABLISHED	hernandez-n	3012608	7903/firefox	-
tcp	0	0	ash:40228	canada.timescraper:8040	ESTABLISHED	hernandez-n	2905448	7903/firefox	-
tcp	0	0	ash:32846	revaccess.ha.univ:https	ESTABLISHED	hernandez-n	2292028	7903/firefox	-
tcp	0	0	ash:35792	wo-in-f189.1e100.:https	ESTABLISHED	hernandez-n	2964399	7903/firefox	-
tcp	0	0	ash:39768	kent2.framasoft.o:https	ESTABLISHED	hernandez-n	2900379	7903/firefox	-
tcp	0	0	ash:46952	par10s34-in-f14.1:https	ESTABLISHED	hernandez-n	3014946	7903/firefox	-
tcp	0	0	ash:36368	par21s11-in-f14.1:https	ESTABLISHED	hernandez-n	3005172	7903/firefox	-
tcp	0	0	ash:49424	whatsapp-cdn-shv.:https	ESTABLISHED	hernandez-n	2973993	7903/firefox	-
tcp	0	0	ash:52342	par21s12-in-f2.1e:https	ESTABLISHED	hernandez-n	3012577	7903/firefox	-
tcp	0	0	ash:45708	gitlab.d101.univ.:https	ESTABLISHED	hernandez-n	2293768	7903/firefox	-
tcp	0	0	ash:47006	par21s11-in-f4.1e:https	ESTABLISHED	hernandez-n	3013710	7903/firefox	-
tcp	0	0	ash:36430	par21s11-in-f14.1:https	ESTABLISHED	hernandez-n	3009883	7903/firefox	-
tcp6	0	0	ip6-localhost:ipp	:::*	LISTEN	root	2046213	-	-
tcp6	0	0	:::3128	:::*	LISTEN	root	967484	-	-
tcp6	0	0	:::3129	:::*	LISTEN	root	967483	-	-
tcp6	0	0	:::https	:::*	LISTEN	root	23401	-	-
tcp6	0	0	:::http	:::*	LISTEN	root	23397	-	-
udp	0	0	0.0.0.0:43796	0.0.0.0:*		avahi	23182	-	-
udp	0	0	0.0.0.0:mdns	0.0.0.0:*		hernandez-n	2679011	7903/firefox	-
udp	0	0	0.0.0.0:mdns	0.0.0.0:*		avahi	23180	-	-
udp	0	0	0.0.0.0:56388	0.0.0.0:*		proxy	967482	-	-
udp	0	0	localhost:domain	0.0.0.0:*		systemd-resolve	22641	-	-
udp	0	0	0.0.0.0:bootpc	0.0.0.0:*		root	2289114	-	-
udp	0	0	0.0.0.0:ipp	0.0.0.0:*		root	2046224	-	-
udp6	0	0	ip6-localhost:45148	ip6-localhost:46873	ESTABLISHED	proxy	2048056	-	-
udp6	0	0	:::mdns	:::*		avahi	23181	-	-
udp6	0	0	ip6-localhost:46873	ip6-localhost:45148	ESTABLISHED	proxy	2048055	-	-
udp6	0	0	:::39244	:::*		avahi	23183	-	-
udp6	0	0	:::51200	:::*		proxy	967481	-	-

\$ netstat -taupen

Connexions Internet		actives (serveurs et établies)							
Proto	Recv-Q	Send-Q	Adresse locale	Adresse distante	Etat	Utilisatr	Inode	PID/Program name	
tcp	0	0	127.0.0.1:631	0.0.0.0:*	LISTEN	0	2046214	-	-
tcp	0	0	127.0.0.1:3306	0.0.0.0:*	LISTEN	126	29819	-	-
tcp	0	0	127.0.0.1:42895	0.0.0.0:*	LISTEN	0	28740	-	-
tcp	0	0	127.0.0.53:53	0.0.0.0:*	LISTEN	102	22642	-	-
tcp	0	0	192.168.0.18:60106	216.58.213.163:443	ESTABLISHED	1001	2974555	7903/firefox	-
tcp	0	0	192.168.0.18:40272	192.99.13.25:8040	ESTABLISHED	1001	2906003	7903/firefox	-
tcp	0	0	192.168.0.18:45202	34.212.75.43:443	TIME_WAIT	0	0	-	-
tcp	0	0	192.168.0.18:52338	172.217.22.130:443	ESTABLISHED	1001	3014935	7903/firefox	-
tcp	0	0	192.168.0.18:39896	91.198.174.192:443	ESTABLISHED	1001	3014955	7903/firefox	-
tcp	0	0	192.168.0.18:52340	172.217.22.130:443	ESTABLISHED	1001	3014940	7903/firefox	-
tcp	0	0	192.168.0.18:46270	216.58.204.101:443	TIME_WAIT	0	0	-	-
tcp	0	0	192.168.0.18:58356	193.52.101.66:443	ESTABLISHED	1001	2964566	7903/firefox	-
tcp	0	0	192.168.0.18:47792	52.34.225.30:443	ESTABLISHED	1001	2457366	7903/firefox	-
tcp	0	0	192.168.0.18:47010	172.217.19.228:443	ESTABLISHED	1001	3012512	7903/firefox	-
tcp	0	0	192.168.0.18:36844	91.198.174.208:443	ESTABLISHED	1001	3012608	7903/firefox	-
tcp	0	0	192.168.0.18:40228	192.99.13.25:8040	ESTABLISHED	1001	2905448	7903/firefox	-
tcp	0	0	192.168.0.18:32846	193.52.104.60:443	ESTABLISHED	1001	2292028	7903/firefox	-
tcp	0	0	192.168.0.18:35792	74.125.133.189:443	ESTABLISHED	1001	2964399	7903/firefox	-
tcp	0	0	192.168.0.18:39768	178.63.254.115:443	ESTABLISHED	1001	2900379	7903/firefox	-
tcp	0	0	192.168.0.18:46952	216.58.206.238:443	ESTABLISHED	1001	3014946	7903/firefox	-
tcp	0	0	192.168.0.18:36368	172.217.19.238:443	ESTABLISHED	1001	3005172	7903/firefox	-
tcp	0	0	192.168.0.18:49424	179.60.192.51:443	ESTABLISHED	1001	2973993	7903/firefox	-
tcp	0	0	192.168.0.18:52342	172.217.22.130:443	ESTABLISHED	1001	3012577	7903/firefox	-
tcp	0	0	192.168.0.18:45708	193.52.101.66:443	ESTABLISHED	1001	2293768	7903/firefox	-
tcp	0	0	192.168.0.18:47006	172.217.19.228:443	ESTABLISHED	1001	3013710	7903/firefox	-
tcp	0	0	192.168.0.18:36430	172.217.19.238:443	ESTABLISHED	1001	3009883	7903/firefox	-
tcp6	0	0	:::1:631	:::*	LISTEN	0	2046213	-	-
tcp6	0	0	:::3128	:::*	LISTEN	0	967484	-	-
tcp6	0	0	:::3129	:::*	LISTEN	0	967483	-	-
tcp6	0	0	:::443	:::*	LISTEN	0	23401	-	-
tcp6	0	0	:::80	:::*	LISTEN	0	23397	-	-
udp	0	0	0.0.0.0:43796	0.0.0.0:*		111	23182	-	-
udp	0	0	0.0.0.0:5353	0.0.0.0:*		1001	2679011	7903/firefox	-
udp	0	0	0.0.0.0:5353	0.0.0.0:*		111	23180	-	-
udp	0	0	0.0.0.0:56388	0.0.0.0:*		13	967482	-	-
udp	0	0	127.0.0.53:53	0.0.0.0:*		102	22641	-	-
udp	0	0	0.0.0.0:68	0.0.0.0:*		0	2289114	-	-
udp	0	0	0.0.0.0:631	0.0.0.0:*		0	2046224	-	-
udp6	0	0	:::1:45148	:::1:46873	ESTABLISHED	13	2048056	-	-
udp6	0	0	:::5353	:::*		111	23181	-	-
udp6	0	0	:::1:46873	:::1:45148	ESTABLISHED	13	2048055	-	-
udp6	0	0	:::39244	:::*		111	23183	-	-
udp6	0	0	:::51200	:::*		13	967481	-	-

\$ cat /etc/services

```
# Network services, Internet style
#
# Note that it is presently the policy of IANA to assign a single well-known
# port number for both TCP and UDP; hence, officially ports have two entries
# even if the protocol doesn't support UDP operations.
#
# Updated from http://www.iana.org/assignments/port-numbers and other
# sources like http://www.freebsd.org/cgi/cvsweb.cgi/src/etc/services .
# New ports will be added on request if they have been officially assigned
# by IANA and used in the real-world or are needed by a debian package.
# If you need a huge list of used numbers please install the nmap package.

tcpmux          1/tcp          # TCP port service multiplexer
echo            7/tcp
echo            7/udp
discard         9/tcp          sink null
discard         9/udp          sink null
sysstat        11/tcp          users
daytime         13/tcp
daytime         13/udp
netstat         15/tcp
qotd            17/tcp          quote
msp             18/tcp          # message send protocol
msp             18/udp
chargen         19/tcp          ttytst source
chargen         19/udp          ttytst source
ftp-data        20/tcp
ftp             21/tcp
fsp             21/udp          fspd
ssh             22/tcp          # SSH Remote Login Protocol
telnet          23/tcp
smtp            25/tcp          mail
time            37/tcp          timserver
time            37/udp          timserver
rlp             39/udp          resource # resource location
nameserver     42/tcp          name # IEN 116
whois           43/tcp          nickname
tacacs          49/tcp          # Login Host Protocol (TACACS)
tacacs          49/udp
re-mail-ck     50/tcp          # Remote Mail Checking Protocol
re-mail-ck     50/udp
domain         53/tcp          # Domain Name Server
domain         53/udp
tacacs-ds       65/tcp          # TACACS-Database Service
tacacs-ds       65/udp
bootps         67/tcp          # BOOTP server
bootps         67/udp
bootpc         68/tcp          # BOOTP client
bootpc         68/udp
tftp           69/udp
gopher         70/tcp          # Internet Gopher
finger         79/tcp
http           80/tcp          www # WorldWideWeb HTTP
link           87/tcp          ttylink
kerberos       88/tcp          kerberos5 krb5 kerberos-sec # Kerberos v5
kerberos       88/udp          kerberos5 krb5 kerberos-sec # Kerberos v5
supdup         95/tcp
hostnames      101/tcp         hostname # usually from sri-nic
iso-tsap       102/tcp         tsap # part of ISODE
acr-nema       104/tcp         dicom # Digital Imag. & Comm. 300
acr-nema       104/udp         dicom
csnet-ns       105/tcp         cso-ns # also used by CS0 name server
```

csnet-ns	105/udp	csn-ns	
rtelnet	107/tcp		# Remote Telnet
rtelnet	107/udp		
pop3	110/tcp	pop-3	# POP version 3
sunrpc	111/tcp	portmapper	# RPC 4.0 portmapper
sunrpc	111/udp	portmapper	
auth	113/tcp	authentication	tap ident
sftp	115/tcp		
nntp	119/tcp	readnews	untp # USENET News Transfer Protocol
ntp	123/tcp		
ntp	123/udp		# Network Time Protocol
pwdgen	129/tcp		# PWDGEN service
pwdgen	129/udp		
loc-srv	135/tcp	epmap	# Location Service
loc-srv	135/udp	epmap	
netbios-ns	137/tcp		# NETBIOS Name Service
netbios-ns	137/udp		
netbios-dgm	138/tcp		# NETBIOS Datagram Service
netbios-dgm	138/udp		
netbios-ssn	139/tcp		# NETBIOS session service
netbios-ssn	139/udp		
imap2	143/tcp	imap	# Interim Mail Access P 2 and 4
snmp	161/tcp		# Simple Net Mgmt Protocol
snmp	161/udp		
snmp-trap	162/tcp	snmptrap	# Traps for SNMP
snmp-trap	162/udp	snmptrap	
cmip-man	163/tcp		# ISO mgmt over IP (CMOT)
cmip-man	163/udp		
cmip-agent	164/tcp		
cmip-agent	164/udp		
mailq	174/tcp		# Mailer transport queue for Zmailer
mailq	174/udp		
xmcp	177/tcp		# X Display Mgr. Control Proto
xmcp	177/udp		
nextstep	178/tcp	NeXTStep NextStep	# NeXTStep window
nextstep	178/udp	NeXTStep NextStep	# server
bgp	179/tcp		# Border Gateway Protocol
irc	194/tcp		# Internet Relay Chat
irc	194/udp		
smux	199/tcp		# SNMP Unix Multiplexer
smux	199/udp		
at-rtmp	201/tcp		# AppleTalk routing
at-rtmp	201/udp		
at-nbp	202/tcp		# AppleTalk name binding
at-nbp	202/udp		
at-echo	204/tcp		# AppleTalk echo
at-echo	204/udp		
at-zis	206/tcp		# AppleTalk zone information
at-zis	206/udp		
qmtp	209/tcp		# Quick Mail Transfer Protocol
qmtp	209/udp		
z3950	210/tcp	wais	# NISO Z39.50 database
z3950	210/udp	wais	
ipx	213/tcp		# IPX
ipx	213/udp		
pawserv	345/tcp		# Perf Analysis Workbench
pawserv	345/udp		
zserv	346/tcp		# Zebra server
zserv	346/udp		
fatserv	347/tcp		# Fatmen Server
fatserv	347/udp		
rpc2portmap	369/tcp		
rpc2portmap	369/udp		# Coda portmapper
codauth2	370/tcp		

```

codauth2 370/udp # Coda authentication server
clearcase 371/tcp Clearcase
clearcase 371/udp Clearcase
ulistserv 372/tcp # UNIX Listserv
ulistserv 372/udp
ldap 389/tcp # Lightweight Directory Access Protocol
ldap 389/udp
imsp 406/tcp # Interactive Mail Support Protocol
imsp 406/udp
svrloc 427/tcp # Server Location
svrloc 427/udp
https 443/tcp # http protocol over TLS/SSL
snpp 444/tcp # Simple Network Paging Protocol
snpp 444/udp
microsoft-ds 445/tcp # Microsoft Naked CIFS
microsoft-ds 445/udp
kpasswd 464/tcp
kpasswd 464/udp
urd 465/tcp
saft 487/tcp
saft 487/udp
isakmp 500/tcp # IPsec - Internet Security
Association # and Key Management Protocol
isakmp 500/udp # Real Time Stream Control Protocol
rtsp 554/tcp # Network Queuing system
rtsp 554/udp
nqs 607/tcp
nqs 607/udp
npmp-local 610/tcp dqs313_qmaster # npmp-local / DQS
npmp-local 610/udp dqs313_qmaster
npmp-gui 611/tcp dqs313_execd # npmp-gui / DQS
npmp-gui 611/udp dqs313_execd
hmmp-ind 612/tcp dqs313_intercell # HMMP Indication / DQS
hmmp-ind 612/udp dqs313_intercell
asf-rmcp 623/udp # ASF Remote Management and Control Protocol
qmqp 628/tcp
qmqp 628/udp
ipp 631/tcp # Internet Printing Protocol
ipp 631/udp
#
# UNIX specific services
#
exec 512/tcp
biff 512/udp comsat
login 513/tcp
who 513/udp whod
shell 514/tcp cmd # no passwords used
syslog 514/udp
printer 515/tcp spooler # line printer spooler
talk 517/udp
ntalk 518/udp
route 520/udp router routed # RIP
timed 525/udp timeserver
tempo 526/tcp newdate
courier 530/tcp rpc
conference 531/tcp chat
netnews 532/tcp readnews
netwall 533/udp # for emergency broadcasts
gdomap 538/tcp # GNUstep distributed objects
gdomap 538/udp
uucp 540/tcp uucpd # uucp daemon
klogin 543/tcp # Kerberized `rlogin' (v5)
kshell 544/tcp krcmd # Kerberized `rsh' (v5)
dhcpcv6-client 546/tcp

```

```

dhcpv6-client      546/udp
dhcpv6-server      547/tcp
dhcpv6-server      547/udp
afpovertcp        548/tcp           # AFP over TCP
afpovertcp        548/udp
idfp              549/tcp
idfp              549/udp
remotefs          556/tcp           rfs_server rfs    # Brunhoff remote filesystem
nntps            563/tcp           snntp            # NNTP over SSL
submission       587/tcp           # Submission [RFC4409]
ldaps            636/tcp           # LDAP over SSL
ldaps            636/udp
tinc             655/tcp           # tinc control port
tinc             655/udp
silc             706/tcp
silc             706/udp
kerberos-adm     749/tcp           # Kerberos `kadmin' (v5)
#
webster          765/tcp           # Network dictionary
webster          765/udp
rsync            873/tcp
ftps-data        989/tcp           # FTP over SSL (data)
ftps            990/tcp
telnets         992/tcp           # Telnet over SSL
imaps           993/tcp           # IMAP over SSL
pop3s           995/tcp           # POP-3 over SSL
#
# From ``Assigned Numbers'':
#
#> The Registered Ports are not controlled by the IANA and on most systems
#> can be used by ordinary user processes or programs executed by ordinary
#> users.
#
#> Ports are used in the TCP [45,106] to name the ends of logical
#> connections which carry long term conversations. For the purpose of
#> providing services to unknown callers, a service contact port is
#> defined. This list specifies the port used by the server process as its
#> contact port. While the IANA can not control uses of these ports it
#> does register or list uses of these ports as a convenience to the
#> community.
#
socks            1080/tcp          # socks proxy server
socks            1080/udp
proofd          1093/tcp
proofd          1093/udp
rootd           1094/tcp
rootd           1094/udp
openvpn         1194/tcp
openvpn         1194/udp
rmiregistry     1099/tcp          # Java RMI Registry
rmiregistry     1099/udp
kazaa           1214/tcp
kazaa           1214/udp
nessus          1241/tcp          # Nessus vulnerability
nessus          1241/udp          # assessment scanner
lotusnote       1352/tcp          # Lotus Note
lotusnote       1352/udp          # Lotus Note
ms-sql-s        1433/tcp          # Microsoft SQL Server
ms-sql-s        1433/udp
ms-sql-m        1434/tcp          # Microsoft SQL Monitor
ms-sql-m        1434/udp
ingreslock      1524/tcp
ingreslock      1524/udp
datametrics     1645/tcp          old-radius

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datametrics 1645/udp    old-radius
sa-msg-port 1646/tcp    old-radacct
sa-msg-port 1646/udp    old-radacct
kermit      1649/tcp
kermit      1649/udp
groupwise   1677/tcp
groupwise   1677/udp
l2f         1701/tcp    l2tp
l2f         1701/udp    l2tp
radius      1812/tcp
radius      1812/udp
radius-acct 1813/tcp    radacct          # Radius Accounting
radius-acct 1813/udp    radacct
msnp        1863/tcp          # MSN Messenger
msnp        1863/udp
unix-status 1957/tcp          # remstats unix-status server
log-server  1958/tcp          # remstats log server
remoteping  1959/tcp          # remstats remoteping server
cisco-sccp  2000/tcp          # Cisco SCCP
cisco-sccp  2000/udp
search      2010/tcp    ndtp
pipe-server 2010/tcp    pipe_server
nfs         2049/tcp          # Network File System
nfs         2049/udp          # Network File System
gnunet      2086/tcp
gnunet      2086/udp
rtcm-sc104  2101/tcp          # RTCM SC-104 IANA 1/29/99
rtcm-sc104  2101/udp
gsigatekeeper 2119/tcp
gsigatekeeper 2119/udp
gris        2135/tcp          # Grid Resource Information Server
gris        2135/udp
cvspserver  2401/tcp          # CVS client/server operations
cvspserver  2401/udp
venus       2430/tcp          # codacon port
venus       2430/udp          # Venus callback/wbc interface
venus-se    2431/tcp          # tcp side effects
venus-se    2431/udp          # udp sftp side effect
codasrv     2432/tcp          # not used
codasrv     2432/udp          # server port
codasrv-se  2433/tcp          # tcp side effects
codasrv-se  2433/udp          # udp sftp side effect
mon         2583/tcp          # MON traps
mon         2583/udp
dict        2628/tcp          # Dictionary server
dict        2628/udp
f5-globalsite 2792/tcp
f5-globalsite 2792/udp
gsiftp      2811/tcp
gsiftp      2811/udp
gpsd        2947/tcp
gpsd        2947/udp
gds-db      3050/tcp    gds_db          # InterBase server
gds-db      3050/udp    gds_db
icpv2       3130/tcp    icp             # Internet Cache Protocol
icpv2       3130/udp    icp
isns        3205/tcp          # iSNS Server Port
isns        3205/udp          # iSNS Server Port
iscsi-target 3260/tcp
mysql       3306/tcp
mysql       3306/udp
nut         3493/tcp          # Network UPS Tools
nut         3493/udp
distcc      3632/tcp          # distributed compiler

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distcc          3632/udp
daap            3689/tcp          # Digital Audio Access Protocol
daap            3689/udp
svn             3690/tcp          subversion # Subversion protocol
svn             3690/udp          subversion
suucp           4031/tcp          # UUCP over SSL
suucp           4031/udp
sysrqd          4094/tcp          # sysrq daemon
sysrqd          4094/udp
sieve           4190/tcp          # ManageSieve Protocol
epmd            4369/tcp          # Erlang Port Mapper Daemon
epmd            4369/udp
remctl          4373/tcp          # Remote Authenticated Command Service
remctl          4373/udp
f5-iquery      4353/tcp          # F5 iQuery
f5-iquery      4353/udp
ipsec-nat-t    4500/udp          # IPsec NAT-Traversal [RFC3947]
iax             4569/tcp          # Inter-Asterisk eXchange
iax             4569/udp
mtn             4691/tcp          # monotone Netsync Protocol
mtn             4691/udp
radadmin-port  4899/tcp          # RAdmin Port
radadmin-port  4899/udp
rfe             5002/udp          # Radio Free Ethernet
rfe             5002/tcp
mmcc            5050/tcp          # multimedia conference control tool (Yahoo IM)
mmcc            5050/udp
sip             5060/tcp          # Session Initiation Protocol
sip             5060/udp
sip-tls         5061/tcp
sip-tls         5061/udp
aol             5190/tcp          # AIM
aol             5190/udp
xmpp-client    5222/tcp          jabber-client # Jabber Client Connection
xmpp-client    5222/udp          jabber-client
xmpp-server    5269/tcp          jabber-server # Jabber Server Connection
xmpp-server    5269/udp          jabber-server
cfengine       5308/tcp
cfengine       5308/udp
mdns            5353/tcp          # Multicast DNS
mdns            5353/udp
postgresql     5432/tcp          postgres      # PostgreSQL Database
postgresql     5432/udp          postgres
freeciv        5556/tcp          rtp          # Freeciv gameplay
freeciv        5556/udp
amqps          5671/tcp          # AMQP protocol over TLS/SSL
amqp           5672/tcp
amqp           5672/udp
amqp           5672/sctp
ggz            5688/tcp          # GGZ Gaming Zone
ggz            5688/udp
x11            6000/tcp          x11-0        # X Window System
x11            6000/udp          x11-0
x11-1          6001/tcp
x11-1          6001/udp
x11-2          6002/tcp
x11-2          6002/udp
x11-3          6003/tcp
x11-3          6003/udp
x11-4          6004/tcp
x11-4          6004/udp
x11-5          6005/tcp
x11-5          6005/udp
x11-6          6006/tcp

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x11-6      6006/udp
x11-7      6007/tcp
x11-7      6007/udp
gnutella-svc 6346/tcp          # gnutella
gnutella-svc 6346/udp
gnutella-rtr 6347/tcp          # gnutella
gnutella-rtr 6347/udp
sge-qmaster 6444/tcp    sge_qmaster # Grid Engine Qmaster Service
sge-qmaster 6444/udp    sge_qmaster
sge-execd   6445/tcp    sge_execd  # Grid Engine Execution Service
sge-execd   6445/udp    sge_execd
mysql-proxy 6446/tcp          # MySQL Proxy
mysql-proxy 6446/udp
babel       6696/udp          # Babel Routing Protocol
ircs-u      6697/tcp          # Internet Relay Chat via TLS/SSL
afs3-fileserver 7000/tcp    bbs        # file server itself
afs3-fileserver 7000/udp    bbs
afs3-callback 7001/tcp          # callbacks to cache managers
afs3-callback 7001/udp
afs3-prserver 7002/tcp          # users & groups database
afs3-prserver 7002/udp
afs3-vlserver 7003/tcp          # volume location database
afs3-vlserver 7003/udp
afs3-kaserver 7004/tcp          # AFS/Kerberos authentication
afs3-kaserver 7004/udp
afs3-volser  7005/tcp          # volume management server
afs3-volser  7005/udp
afs3-errors  7006/tcp          # error interpretation service
afs3-errors  7006/udp
afs3-bos     7007/tcp          # basic overseer process
afs3-bos     7007/udp
afs3-update  7008/tcp          # server-to-server updaters
afs3-update  7008/udp
afs3-rmtsys  7009/tcp          # remote cache manager service
afs3-rmtsys  7009/udp
font-service 7100/tcp    xfs        # X Font Service
font-service 7100/udp    xfs
http-alt     8080/tcp    webcache   # WWW caching service
http-alt     8080/udp
puppet       8140/tcp          # The Puppet master service
bacula-dir   9101/tcp          # Bacula Director
bacula-dir   9101/udp
bacula-fd    9102/tcp          # Bacula File Daemon
bacula-fd    9102/udp
bacula-sd    9103/tcp          # Bacula Storage Daemon
bacula-sd    9103/udp
xmms2       9667/tcp    # Cross-platform Music Multiplexing System
xmms2       9667/udp
nbd         10809/tcp          # Linux Network Block Device
zabbix-agent 10050/tcp          # Zabbix Agent
zabbix-agent 10050/udp
zabbix-trapper 10051/tcp          # Zabbix Trapper
zabbix-trapper 10051/udp
amanda      10080/tcp          # amanda backup services
amanda      10080/udp
dicom       11112/tcp
hkp         11371/tcp          # OpenPGP HTTP Keyserver
hkp         11371/udp
bprd       13720/tcp          # VERITAS NetBackup
bprd       13720/udp
bpdbm     13721/tcp          # VERITAS NetBackup
bpdbm     13721/udp
bpjava-msvc 13722/tcp          # BP Java MSVC Protocol
bpjava-msvc 13722/udp

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vnetd      13724/tcp          # Veritas Network Utility
vnetd      13724/udp
bpcd       13782/tcp          # VERITAS NetBackup
bpcd       13782/udp
vopied     13783/tcp          # VERITAS NetBackup
vopied     13783/udp
db-lsp     17500/tcp          # Dropbox LanSync Protocol
dcap       22125/tcp          # dCache Access Protocol
gsidcap    22128/tcp          # GSI dCache Access Protocol
wnn6       22273/tcp          # wnn6
wnn6       22273/udp

#
# Datagram Delivery Protocol services
#
rtmp       1/ddp            # Routing Table Maintenance Protocol
nbp        2/ddp            # Name Binding Protocol
echo       4/ddp            # AppleTalk Echo Protocol
zip        6/ddp            # Zone Information Protocol

#=====  

# The remaining port numbers are not as allocated by IANA.  

#=====

# Kerberos (Project Athena/MIT) services
# Note that these are for Kerberos v4, and are unofficial.  Sites running
# v4 should uncomment these and comment out the v5 entries above.
#
kerberos4  750/udp          kerberos-iv kdc # Kerberos (server)
kerberos4  750/tcp          kerberos-iv kdc
kerberos-master 751/udp        kerberos_master # Kerberos authentication
kerberos-master 751/tcp
passwd-server 752/udp          passwd_server # Kerberos passwd server
krb-prop    754/tcp          krb_prop krb5_prop hprop # Kerberos slave
propagation
krbupdate   760/tcp          kreg # Kerberos registration
swat        901/tcp          # swat
kpop        1109/tcp         # Pop with Kerberos
knetd       2053/tcp         # Kerberos de-multiplexor
zephyr-srv  2102/udp        # Zephyr server
zephyr-clt  2103/udp        # Zephyr serv-hm connection
zephyr-hm   2104/udp        # Zephyr hostmanager
eklogin     2105/tcp         # Kerberos encrypted rlogin
# Hmmm. Are we using Kv4 or Kv5 now? Worrying.
# The following is probably Kerberos v5 --- ajt@debian.org (11/02/2000)
kx          2111/tcp         # X over Kerberos
iprop       2121/tcp         # incremental propagation
#
# Unofficial but necessary (for NetBSD) services
#
supfilesrv  871/tcp          # SUP server
supfiledbg  1127/tcp         # SUP debugging

#
# Services added for the Debian GNU/Linux distribution
#
linuxconf   98/tcp          # LinuxConf
poppassd    106/tcp         # Eudora
poppassd    106/udp
moira-db    775/tcp          moira_db # Moira database
moira-update 777/tcp        moira_update # Moira update protocol
moira-ureg  779/udp        moira_ureg # Moira user registration
spamd       783/tcp          # spamassassin daemon
omirr       808/tcp          omirrd # online mirror

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omirr          808/udp          omirrd
customs        1001/tcp          # pmake customs server
customs        1001/udp
skkserv        1178/tcp          # skk jisho server port
predict        1210/udp          # predict -- satellite tracking
rmtcfg         1236/tcp          # Gracilis Packeten remote config
server
wipld          1300/tcp          # Wipl network monitor
xtel           1313/tcp          # french minitel
xtelw          1314/tcp          # french minitel
support        1529/tcp          # GNATS
cfinger        2003/tcp          # GNU Finger
frox           2121/tcp          # frox: caching ftp proxy
ninstall      2150/tcp          # ninstall service
ninstall      2150/udp
zebrasrv      2600/tcp          # zebra service
zebra         2601/tcp          # zebra vty
ripd          2602/tcp          # ripd vty (zebra)
ripngd        2603/tcp          # ripngd vty (zebra)
ospfd         2604/tcp          # ospfd vty (zebra)
bgpd          2605/tcp          # bgpd vty (zebra)
ospf6d        2606/tcp          # ospf6d vty (zebra)
ospfapi       2607/tcp          # OSPF-API
isisd         2608/tcp          # ISISd vty (zebra)
afbackup      2988/tcp          # Afbackup system
afbackup      2988/udp
afmbbackup    2989/tcp          # Afmbbackup system
afmbbackup    2989/udp
xtell         4224/tcp          # xtell server
fax           4557/tcp          # FAX transmission service (old)
hylafax       4559/tcp          # HylaFAX client-server protocol (new)
distmp3       4600/tcp          # distmp3host daemon
munin         4949/tcp          lrrd # Munin
enbd-cstatd   5051/tcp          # ENBD client statd
enbd-sstatd   5052/tcp          # ENBD server statd
pcrd          5151/tcp          # PCR-1000 Daemon
noclog        5354/tcp          # noclogd with TCP (nocol)
noclog        5354/udp          # noclogd with UDP (nocol)
hostmon       5355/tcp          # hostmon uses TCP (nocol)
hostmon       5355/udp          # hostmon uses UDP (nocol)
rplay         5555/udp          # RPlay audio service
nrpe          5666/tcp          # Nagios Remote Plugin Executor
nsca          5667/tcp          # Nagios Agent - NSCA
mrt           5674/tcp          # MRT Routing Daemon
bgpsim        5675/tcp          # MRT Routing Simulator
canna         5680/tcp          # cannaserver
syslog-tls    6514/tcp          # Syslog over TLS [RFC5425]
sane-port     6566/tcp          sane saned # SANE network scanner daemon
ircd          6667/tcp          # Internet Relay Chat
zope-ftp      8021/tcp          # zope management by ftp
tproxy        8081/tcp          # Transparent Proxy
omniorb       8088/tcp          # OmniORB
omniorb       8088/udp
clc-build-daemon 8990/tcp          # Common lisp build daemon
xinetd        9098/tcp
mandelspawn   9359/udp          mandelbrot # network mandelbrot
git           9418/tcp          # Git Version Control System
zope          9673/tcp          # zope server
webmin        10000/tcp
kamanda       10081/tcp          # amanda backup services (Kerberos)
kamanda       10081/udp
amandaidx     10082/tcp          # amanda backup services
amidxtape     10083/tcp          # amanda backup services
smsqp         11201/tcp          # Alamin SMS gateway

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```
smsqp      11201/udp
xpilot     15345/tcp      # XPilot Contact Port
xpilot     15345/udp
sgi-cmsd   17001/udp      # Cluster membership services daemon
sgi-crsd   17002/udp
sgi-gcd    17003/udp      # SGI Group membership daemon
sgi-cad    17004/tcp      # Cluster Admin daemon
isdnlog    20011/tcp      # isdn logging system
isdnlog    20011/udp
vboxd     20012/tcp      # voice box system
vboxd     20012/udp
binkp     24554/tcp      # binkp fidonet protocol
asp       27374/tcp      # Address Search Protocol
asp       27374/udp
csync2    30865/tcp      # cluster synchronization tool
dirproxy  57000/tcp      # Detachable IRC Proxy
tfido     60177/tcp      # fidonet EMSI over telnet
fido      60179/tcp      # fidonet EMSI over TCP

# Local services
```