
Network ports

Assessing the network infrastructure for the identification of critical vulnerabilities has always been a challenging and time-consuming process. Thus, we have fine-tuned a small list of known network ports with their respective services in order to help penetration testers to quickly map through potential vulnerable services (TCP/UDP ports 1 to 65,535) using Kali Linux tools.

To get a complete and a more up-to-date list of all network ports, visit http://www.iana.org/assignments/port-numbers.

However, bear in mind that sometimes the applications and services are configured to run on different ports than the default ones, shown as follows:

Service	Port	Protocol
Echo	7	TCP/UDP
Character Generator (CHARGEN)	19	TCP/UDP
FTP data transfer	20	TCP
FTP control	21	TCP
SSH	22	TCP
Telnet	23	TCP
SMTP	25	TCP
WHOIS	43	TCP
TACACS	49	TCP/UDP
DNS	53	TCP/UDP
Bootstrap Protocol (BOOTP) server	67	UDP
Bootstrap Protocol (BOOTP) client	68	UDP
TFTP	69	UDP
HTTP	80	TCP
Kerberos	88	TCP

Service	Port	Protocol
POP3	110	TCP
Sun RPC	111	TCP/UDP
NTP	123	UDP
NetBIOS (Name service)	137	TCP/UDP
NetBIOS (Datagram service)	138	TCP/UDP
NetBIOS (Session service)	139	TCP/UDP
IMAP	143	TCP
SNMP	161	UDP
SNMPTRAP	162	TCP/UDP
BGP	179	TCP/UDP
IRC	194	TCP/UDP
BGMP	264	TCP/UDP
LDAP	389	TCP/UDP
HTTPS	443	TCP
Microsoft DS	445	TCP/UDP
ISAKMP	500	TCP/UDP
rexec	512	TCP
rlogin	513	TCP
Who	513	UDP
rsh	514	TCP

Service	Port	Protocol
Syslog	514	UDP
Talk	517	TCP/UDP
RIP/RIPv2	520	UDP
Timed	525	UDP
klogin	543	TCP
Mac OS X Server administration	660	TCP/
Spamassassin	783	TCP
rsync	873	TCP
IMAPS	993	TCP
POP3S	995	TCP
SOCKS	1080	TCP
Nessus	1241	TCP
IBM Lotus Notes	1352	TCP
Timbuktu-srv1	1417 to 1420	TCP/UDP
MS SQL	1433	TCP
Citrix	1494	TCP
Oracle default listener	1521	TCP
Ingres	1524	TCP/UDP
Oracle common alternative for listener	1526	TCP
PPTP	1723	TCP/UDP

Service	Port	Protocol
radius	1812	TCP/UDP
Cisco SCCP	2000	TCP/UDP
NFS	2049	TCP
Openview Network Node Manager daemon	2447	TCP/UDP
Microsoft Global Catalog	3268	TCP/UDP
MySQL	3306	TCP
Microsoft Terminal Service	3389	TCP
NFS-lockd	4045	TCP
SIP	5060	TCP/UDP
Multicast DNS	5353	UDP
PostgreSQL	5432	TCP
PCAnywhere	5631	TCP
VNC	5900	TCP
X11	6000	TCP
ArcServe	6050	TCP
BackupExec	6101	TCP
Gnutella	6346	TCP/UDP
Gnutella alternate	6347	TCP/UDP
IRC	6665 to 6670	TCP
Web	8080	TCP

Service	Port	Protocol
Privoxy	8118	TCP
Polipo	8123	TCP
Cisco-xremote	9001	TCP
Jetdirect	9100	TCP
Netbus	12345	TCP
Quake	27960	UDP
Back Orifice	31337	UDP