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Detailed List of Common Protocols & traditional IP Port Numbers

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Port	Protocol
0	reserved.
1	TCPMUX , TCP Port Service Multiplexer.
2	Management Utility.
3	Compression Process.
4	
5	Remote Job Entry.
6	
7	Echo .
8	
9	Discard .
10	
11	SYSTAT .
12	
13	Daytime .
14	
15	[was netstat].
16	
17	Quote , Quote of the Day.
18	RWP , Remote Write Protocol. Send , Message Send Protocol.
19	Chargen , Character Generator Protocol.
20	FTP , File Transfer Protocol, data.
21	FTP , File Transfer Protocol, control.
22	SSH .
23	Telnet .
24	Any private mail system.
25	SMTP , Simple Mail Transfer Protocol.
26	
27	NSW User System FE.
28	
29	MSG ICP.
30	
31	MSG Authentication.
32	
33	Display Support Protocol.
34	
35	Any private printer server.
36	
37	Time , Time Protocol.

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38	RAP , Internet Route Access Protocol.
39	RLP , Resource Location Protocol.
40	
41	Graphics.
42	Internet Name Server .
43	Whois .
44	MPM FLAGS Protocol.
45	Internet Message Protocol .
46	MPM [default send].
47	NI FTP.
48	Digital Audit Daemon.
49	TACACS . TACACS+ .
50	RMCP , Remote Mail Checking Protocol.
51	IMP Logical Address Maintenance.
52	XNS Time Protocol.
53	DNS , Domain Name System.
54	XNS Clearinghouse.
55	ISI Graphics Language.
56	XNS Authentication.
57	MTP , Mail Transfer Protocol.
58	XNS Mail.
59	NFILE .
60	
61	NI MAIL.
62	ACA Services.
63	Whois++ .
64	Communications Integrator (CI).
65	TACACS-Database Service.
66	Oracle SQL*NET.
67	BOOTP , Bootstrap Protocol, server.
68	BOOTP , Bootstrap Protocol, client.
69	TFTP , Trivial File Transfer Protocol.
70	Gopher .
71	Remote Job Service.
72	Remote Job Service.
73	Remote Job Service.
74	Remote Job Service.
75	Any private dial out service.
76	Distributed External Object Store.
77	Any private RJE service.

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78	vettcp.
79	Finger .
80	HTTP , HyperText Transfer Protocol.
81	HOSTS2 Name Server.
82	XFER Utility.
83	MIT ML Device.
84	Common Trace Facility.
85	MIT ML Device.
86	Micro Focus Cobol.
87	Any private terminal link.
88	Kerberos .
89	SU/MIT Telnet Gateway.
90	Is being used unofficially by Pointcast.
90	DNSIX Securit Attribute Token Map.
91	MIT Dover Spooler.
92	Network Printing Protocol.
93	Device Control Protocol.
94	Tivoli Object Dispatcher.
95	SUPDUP.
96	DIXIE .
97	Swift Remote Virtual File Protocol.
98	TAC News.
99	Metagram Relay.

Port	Protocol
100	[unauthorized use]
101	HOSTNAME .
102	TP0 over TCP.
103	Genesis Point-to-Point Trans Net.
104	ACR-NEMA Digital Imag. & Comm. 300.
105	Ph .
105	Mailbox Name Nameserver.
106	3COM-TSMUX.
107	Remote Telnet Service.
108	SNA Gateway Access Server.
109	POP , Post Office Protocol, version 2.
110	POP , Post Office Protocol, version 3.
111	Portmapper .
112	McIDAS Data Transmission Protocol.
113	Identification Protocol .
114	

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115	SFTP , Simple File Transfer Protocol.
116	ANSA REX Notify.
117	UUCP , Unix To Unix Copy.
118	SQL Services.
119	NNTP , Network News Transfer Protocol.
120	CFDP , Coherent File Distribution Protocol.
121	Encore Expedited Remote Pro.Call.
122	SMAKYNET.
123	NTP , Network Time Protocol.
124	ANSA REX Trader.
125	Locus PC-Interface Net Map Serv.
126	Unisys Unitary Login.
127	Locus PC-Interface Conn Server.
128	GSS X License Verification.
129	PWDGEN , Password Generator Protocol.
130	cisco FNATIVE.
131	cisco TNATIVE.
132	cisco SYSMANT.
133	STATSRV , Statistics Server.
134	INGRES-NET Service.
135	DCE endpoint resolution.
136	PROFILE Naming System.
137	NETBIOS Name Service.
138	NETBIOS Datagram Service.
139	NETBIOS Session Service.
140	EMFIS Data Service.
141	EMFIS Control Service.
142	Britton-Lee IDM.
143	IMAP , Interactive Mail Access Protocol.
144	Universal Management Architecture.
145	UAAC Protocol.
146	TP0 bridge between TCP and X.25 .
147	ISO-IP .
148	Jargon.
149	AED 512 Emulation Service.
150	SQL-NET.
151	HEMS.
152	BFTP , Background File Transfer Program.
153	SGMP , Simple Gateway Monitoring Protocol.
154	NETSC.
155	

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156	SQL Service.
157	KNET/VM Command/Message Protocol.
158	DMSP , Distributed Mail Service Protocol.
159	NSS-Routing.
160	SGMP-TRAPS.
161	SNMP , Simple Network Management Protocol.
162	SNMP , Simple Network Management Protocol traps.
163	CMIP/TCP Manager.
164	CMIP/TCP Agent.
165	Xerox.
166	Sirius Systems.
167	NAMP.
168	RSVD.
169	SEND.
170	Network PostScript.
171	Network Innovations Multiplex.
172	Network Innovations CL/1.
173	Xyplex.
174	MAILQ.
175	VMNET.
176	GENRAD-MUX.
177	XDMCP, X Display Manager Control Protocol.
178	NextStep Window Server.
179	BGP , Border Gateway Protocol.
180	Intergraph.
181	Unify.
182	Unisys Audit SITP.
183	OCBinder.
184	OCServer.
185	Knowbot Information Service.
186	KIS Protocol.
187	Application Communication Interface.
188	Plus Five's MUMPS.
189	Queued File Transport.
190	Gateway Access Control Protocol.
191	Prospero Directory Service.
192	OSU Network Monitoring System.
193	Spider Remote Monitoring Protocol.
194	Internet Relay Chat Protocol.
195	DNSIX Network Level Module Audit.
196	DNSIX Session Mgt Module Audit Redir.

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197	Directory Location Service.
198	Directory Location Service Monitor.
199	SMUX .

Port	Protocol
200	IBM System Resource Controller.
201	AppleTalk Routing Maintenance.
202	AppleTalk Name Binding.
203	AppleTalk Unused.
204	AppleTalk Echo.
205	AppleTalk Unused.
206	AppleTalk Zone Information.
207	AppleTalk Unused.
208	AppleTalk Unused.
209	The Quick Mail Transfer Protocol.
210	Z39.50 .
211	Texas Instruments 914C/G Terminal.
212	ATEXSSSTR.
213	IPX.
214	VM PWSCS.
215	Insignia Solutions.
216	Computer Associates Int'l License Server.
217	dBASE Unix.
218	MPP , Message Posting Protocol.
219	Unisys ARPs.
220	IMAP , Interactive Mail Access Protocol, version 3.
221	Berkeley rlogind with SPX auth.
222	Berkeley rshd with SPX auth.
223	Certificate Distribution Center.
242	Direct.
243	Survey Measurement.
244	Dayna.
245	LINK.
246	Display Systems Protocol.
247	SUBNTBCST_TFTP.
248	bhfs.
249	
-	
255	
256	RAP.
257	Secure Electronic Transaction.

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258	Yak Winsock Personal Chat.
259	ESRO , Efficient Short Remote Operations.
260	Openport.
261	IIOPI Name Service over TLS/SSL.
262	Arcisdms.
263	HDAP.
264	BGMP , Border Gateway Multicast Protocol.
265	X-Bone CTL.
266	SCSI on ST.
267	Tobit David Service Layer.
268	Tobit David Replica.
269	
-	
279	
280	http-mgmt.
281	Personal Link.
282	Cable Port A/X.
283	rescap.
284	corerjd.
285	
286	FXP-1.
287	K-BLOCK.
288	
-	
299	

Port	Protocol
300	
-	
307	
308	Novastor Backup.
309	EntrustTime.
310	bhmds.
311	AppleShare IP WebAdmin.
312	VSLMP.
313	Magenta Logic.
314	Opalis Robot.
315	DPSI.
316	decAuth.
317	Zannet.
318	TSP , Time Stamp Protocol.
319	PTP Event.

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320	PTP General.
321	PIP.
322	RTSPS.
323 -	
332	
333	Texar Security Port.
334 -	
343	
344	Prospero Data Access Protocol.
345	Performance Analysis Workbench.
346	Zebra server.
347	Fatmen Server.
348	Cabletron Management Protocol.
349	mftp.
350	MATIP , Mapping of Airline Traffic over Internet Protocol, Type A.
351	MATIP , Mapping of Airline Traffic over Internet Protocol, Type B. bhoetty.
352	DTAG.
353	NDSAUTH.
354	bh611.
355	DATEX-ASN.
356	Cloanto Net 1.
357	bhevent.
358	Shrinkwrap.
359	Tenebris Network Trace Service.
360	scoi2odialog.
361	Semantix.
362	SRS Send.
363	RSVP Tunnel.
364	Aurora CMGR.
365	DTK.
366	SMTP , Simple Mail Transfer Protocol. ODMR, On-Demand Mail Relay.
367	MortgageWare.
368	QbikGDP.
369	rpc2portmap.
370	codaaauth2.
371	Clearcase.
372	ListProcessor.
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374	Legent Corporation.
375	Hassle.
376	Amiga Envoy Network Inquiry Proto.
377	NEC Corporation.
378	NEC Corporation.
379	TIA/EIA/IS-99 modem client.
380	TIA/EIA/IS-99 modem server.
381	HP performance data collector.
382	HP performance data managed node.
383	HP performance data alarm manager.
384	A Remote Network Server System.
385	IBM Application.
386	ASA Message Router Object Def.
387	AURP , AppleTalk Update-based Routing Protocol.
388	Unidata LDM Version 4.
389	LDAP , Lightweight Directory Access Protocol. CLDAP , Connection-less Lightweight X.500 Directory Access Protocol.
390	UIS.
391	SynOptics SNMP Relay Port.
392	SynOptics Port Broker Port.
393	Data Interpretation System.
394	EMBL Nucleic Data Transfer.
395	NETscout Control Protocol.
396	Novell Netware over IP.
397	Multi Protocol Trans. Net.
398	Kryptolan.
399	TP2 encapsulation.

Port	Protocol
400	Workstation Solutions.
401	Uninterruptible Power Supply.
402	Genie Protocol.
403	decap.
404	nced.
405	ncl.d.
406	Interactive Mail Support Protocol.
407	Timbuktu.
408	Prospero Resource Manager System Manager.
409	Prospero Resource Manager Node Manager.
410	DEC Ladebug Remote Debug Protocol.
411	Remote MT Protocol.

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412	Trap Convention Port.
413	SMSP.
414	InfoSeek.
415	BNet.
416	Silverplatter.
417	Onmux.
418	Hyper-G.
419	Ariel.
420	SMPTE.
421	Ariel.
422	Ariel.
423	IBM Operations Planning and Control Start.
424	IBM Operations Planning and Control Track.
425	ICAD.
426	smartsdp
427	SLP , Service Location Protocol.
428	OCS_CMU.
429	OCS_AMU
430	UTMPSD
431	UTMPCD
432	IASD
433	NNSP
434	Mobile IP agent.
435	Mobile IP MN.
436	DNA-CML
437	comscm
438	dsfgw
439	dasp
440	sgcp
441	decvms-sysmgt
442	cvc_hostd
443	HTTPS, HTTP over SSL/TLS.
444	SNPP , Simple Network Paging Protocol.
445	Microsoft-DS.
446	DDM-RDB
447	DDM-RFM
448	DDM-SSL
449	AS Server Mapper
450	TServer
451	Cray Network Semaphore server
452	Cray SFS config server

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453	CreativeServer
454	ContentServer
455	CreativePartnr
456	macon-tcp
457	scohelp
458	apple quick time
459	ampr-rcmd
460	skronk
461	DataRampSrv
462	DataRampSrvSec
463	alpes
464	Kerberos change/set password.
465	(TCP) URL Rendesvous Directory for SSM. (UDP) IGMP over UDP for SSM.
466	digital-vrc
467	mylex-mapd
468	Photuris .
469	Radio Control Protocol.
470	scx-proxy
471	Mondex.
472	ljk-login.
473	hybrid-pop.
474	(TCP) tn-tl-w1. (UDP) tn-tl-w2.
475	tcpnethaspsrv.
476	tn-tl-fd1.
477	ss7ns.
478	spsc.
479	iafserver.
480	iafdbase.
481	Ph service.
482	bgs-nsi.
483	ulpnet.
484	Integra Software Management Environment.
485	Air Soft Power Burst.
486	Avian.
487	SAFT, Simple Asynchronous File Transfer.
488	gss-http.
489	nest-protocol.
490	micom-pfs.
491	go-login.

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492	Transport Independent Convergence for FNA.
493	Transport Independent Convergence for FNA.
494	POV-Ray.
495	intecourier.
496	PIM-RP-DISC.
497	dantz.
498	siam.
499	ISO ILL Protocol.

Port	Protocol
500	ISAKMP . IKE , Internet Key Exchange.
501	STMF.
502	asa-appl-PROTO.
503	Intrinsa.
504	citadel.
505	mailbox-lm.
506	ohimsrv.
507	crs.
508	xvttp.
509	snare.
510	FirstClass Protocol.
511	mynet-as.
512	rexec, remote process execution. Used by mail system to notify users of new mail received.
513	Rlogin . Maintains data bases for who's logged on a local net and the average load of the machine.
514	Syslog . cmd like exec but automatic authentication is performed for login server.
515	LPR .
516	videotex.
517	Like tenex link but across machine - doesn't use link protocol. A rendezvous port establishes a tcp connection.
518	ntalk.
519	unixtime.
520	RIP , Routing Information Protocol. Extended file name server.
521	RIPng .
522	ULP.
523	IBM-DB2.
524	NCP.

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525	timeserver.
526	newdate.
527	Stock IXChange.
528	Customer IXChange.
529	IRC-SERV.
530	rpc.
531	chat.
532	readnews.
533	emergency broadcasts.
534	MegaMedia Admin.
535	iiop.
536	opalis-rdv.
537	Networked Media Streaming Protocol.
538	gdomap.
539	Apertus Technologies Load Determination.
540	uucpd.
541	uucp-rlogin.
542	commerce.
543	klogin.
544	krcmd.
545	appleqtcsrvr.
546	DHCPv6 client.
547	DHCPv6 server.
548	AFP over TCP.
549	IDFP.
550	new-who.
551	cybercash.
552	deviceshare.
553	pirp.
554	RTSP , Real Time Streaming Protocol.
555	dsf.
556	rfs server.
557	openvms-sysipc.
558	SDNSKMP.
559	TEEDTAP.
560	rmonitord.
561	monitor.
562	chcmd.
563	NNTP over TLS/SSL (was snntp).
564	plan 9 file service.
565	whoami.

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566	streettalk.
567	banyan-rpc.
568	microsoft shuttle.
569	microsoft rome.
570	demon.
571	udemon.
572	sonar.
573	banyan-vip.
574	FTP Software Agent System.
575	VEMMI , VErsatile MultiMedia Interface.
576	ipcd.
577	vnas.
578	ipdd.
579	decbsrv.
580	SNTP HEARTBEAT.
581	Bundle Discovery Protocol .
582	SCC Security.
583	Philips Video-Conferencing.
584	Key Server.
585	IMAP4+SSL (Use of 585 is not recommended use 993 instead).
586	Password Change.
587	Submission.
588	CAL.
589	EyeLink.
590	TNS CML.
591	FileMaker Inc. - HTTP Alternate (see Port 80).
592	Eudora Set.
593	HTTP RPC Ep Map.
594	TPIP.
595	CAB Protocol.
596	SMSD.
597	PTC Name Service.
598	SCO Web Server Manager 3.
599	Aeolon Core Protocol.

Port	Protocol
600	Sun IPC server.
601	Syslog .
602	XML-RPC over BEEP .
603	IDXP.
604	TUNNEL .

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605	SOAP over BEEP .
606	Cray Unified Resource Manager.
607	nqs.
608	SIFT/UFT , Sender-Initiated/Unsolicited File Transfer.
609	npmp-trap.
610	npmp-local.
611	npmp-gui.
612	HMMP Indication.
613	HMMP Operation.
614	SSLshell.
615	Internet Configuration Manager.
616	SCO System Administration Server.
617	SCO Desktop Administration Server.
618	DEI-ICDA.
619	Digital EVM.
620	SCO WebServer Manager.
621	ESCP.
622	Collaborator.
623	Aux Bus Shunt.
624	Crypto Admin.
625	DEC DLM.
626	ASIA.
627	CKS & TIVIOLI.
628	QMQP.
629	3Com AMP3.
630	RDA.
631	IPP , Internet Printing Protocol.
632	bmpp.
633	Service Status update (Sterling Software).
634	ginad.
635	RLZ DBase.
636	ldap protocol over TLS/SSL (was sldap).
637	lanserver.
638	mcns-sec.
639	MSDP , Multicast Source Discovery Protocol.
640	entrust-sps.
641	repcmd.
642	EMSD over ESRO .
643	SANity.
644	dwr.
645	PSSC.

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646	LDP , Label Distribution Protocol.
647	DHCP Failover Protocol .
648	RRP , Registry Registrar Protocol.
649	Aminet.
650	OBEX.
651	IEEE MMS.
652	DTCP , Dynamic Tunnel Configuration Protocol.
653	RepCmd.
654	AODV , Ad hoc On-Demand Distance Vector.
655	TINC.
656	SPMP.
657	RMC.
658	TenFold.
659	URL Rendezvous.
660	MacOS Server Admin.
661	HAP.
662	PFTP.
663	PureNoise.
664	Secure Aux Bus.
665	Sun DR.
666	Doom, Id Software.
667	Campaign contribution campaign contribution disclosures - SDR Technologies.
668	MeComm.
669	MeRegister.
670	VACDSM-SWS.
671	VACDSM-APP.
672	VPPS-QUA.
673	CIMPLEX.
674	ACAP , Application Configuration Access Protocol.
675	DCTP.
676	VPPS Via.
677	Virtual Presence Protocol.
678	GNU Generation Foundation NCP.
679	MRM.
680	entrust-aaas.
681	entrust-aaas.
682	XFR.
683	CORBA IIOP.
684	CORBA IIOP SSL.
685	MDC Port Mapper.
686	Hardware Control Protocol Wismar.

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687	asipregistry.
688	REALM-RUSD.
689	NMAP.
690	VATP.
691	MS Exchange Routing.
692	Hyperwave-ISP.
693	connendp.
694	ha-cluster.
695	IEEE-MMS-SSL.
696	RUSHD.
697	UUIDGEN.
698	OLSR , Optimized Link State Routing.
699	Access Network.

Port	Protocol
700	EPP , Extensible Provisioning Protocol.
700 -	
703	
704	errlog copy/server daemon.
705	AgentX .
706	SILC , Secure Internet Live Conferencing.
707	Borland DSJ.
708	
709	Entrust Key Management Service Handler.
710	Entrust Administration Service Handler.
711	TDP , Tag Distribution Protocol.
712	TBRPF , Topology Broadcast based on Reverse-Path Forwarding.
713 -	
719	
720	DVMP, Distance Vectored Monitoring Protocol. SMQP, Simple Message Queue Protocol.
721	XSRP, eXtensible Service Registration Protocol.
722	
723	XSTP, eXtensible Service Transfer Protocol.
724	
725	XSSP, eXtensible Service Subscription Protocol.
726	
727	XSLP, eXtensible Service Location Protocol.
728	
729	IBM NetView DM/6000 Server/Client.

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730	IBM NetView DM/6000 send TCP.
731	IBM NetView DM/6000 receive TCP.
732 - 740	
741	netGW.
742	Network based Rev. Cont. Sys.
743	
744	Flexible License Manager.
745 746	
747	Fujitsu Device Control.
748	Russell Info Sci Calendar Manager.
749	kerberos administration.
750	kerberos version iv.
751	pump.
752	qrh.
753	rrh.
754	send
755 756 757	
758	nlogin.
759	con.
760	ns.
761	rx.
762	quotad.
763	cycleserv.
764	omserv.
765	webster.
766	
767	phone.
768	
769	vid.
770	cadlock.
771	rtp.
772	cycleserv2.
773	submit.
774	rpasswd. acmaint_dbd.
775	entomb. acmaint_transd.

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776	wpages.
777	Multiling HTTP.
778	
779	
780	wpgs.
781	
-	
799	

Port	Protocol
800	mdb_s_daemon.
801	device.
802	
-	
809	
810	FCP.
811	
-	
827	
828	itm-mcell-s.
829	CMP , Certificate Management Protocols.
830	
-	
846	
847	dhcp-failover 2.
848	GDOI , Group Domain of Interpretation.
849	
-	
859	
860	iSCSI.
861	
-	
872	
873	rsync.
874	
-	
885	
886	ICL coNETion locate server.
887	ICL coNETion server info.
888	AccessBuilder. CD Database Protocol.
889	
-	
899	

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Port	Protocol
900	OMG Initial Refs.
901	SMPNAMERES.
902	IDEAFARM-CHAT.
903	IDEAFARM-CATCH.
904 - 910	
911	xact-backup.
912	APEX relay-relay service.
913	APEX endpoint-relay service.
914 - 988	
989	ftp data over TLS/SSL.
990	ftp control over TLS/SSL.
991	NAS , Netnews Administration System.
992	telnet over TLS/SSL.
993	imap4 over TLS/SSL.
994	irc over TLS/SSL.
995	pop3 over TLS/SSL (was spop3).
996	vsinet.
997	maitrd.
998	busboy. puparp.
999	Applix ac.