Network Working Group
Request for Comments: 997

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ISI

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Obsoletes RFCs: 990, 960, 943, 923, 900,
870, 820, 790, 776, 770, 762, 758,
755, 750, 739, 604, 503, 433, 349
Obsoletes IENs: 127, 117, 93

INTERNET NUMBERS

Status of this Memo

This memo is an official status report on the network numbers used in the Internet community. Distribution of this memo is unlimited.

Introduction

This Network Working Group Request for Comments documents the currently assigned network numbers and gateway autonomous systems. This RFC will be updated periodically, and in any case current information can be obtained from Hostmaster.

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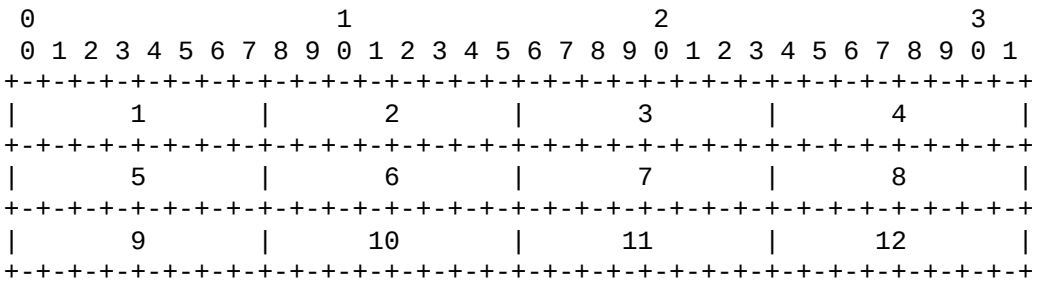
Most of the protocols used in the Internet are documented in the RFC series of notes. Some of the items listed are undocumented. Further information on protocols can be found in the memo "Official ARPA-Internet Protocols" [24]. The more prominent and more generally used are documented in the "DDN Protocol Handbook" [11] prepared by the NIC. Other collections of older or obsolete protocols are contained in the "Internet Protocol Transition Workbook" [12], or in the "ARPANET Protocol Transition Handbook" [13]. For further information on ordering the complete 1985 DDN Protocol Handbook, contact the Hostmaster.

In the entries below, the name and mailbox of the responsible individual is indicated. The bracketed entry, e.g., [nn,iii], at the right hand margin of the page indicates a reference for the listed protocol, where the number ("nn") cites the document and the letters ("iii") cites the person. Whenever possible, the letters are a NIC Ident as used in the WhoIs (NICNAME) service.

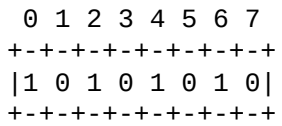
The convention in the documentation of Internet Protocols is to express numbers in decimal and to picture data in "big-endian" order [31]. That is, fields are described left to right, with the most significant octet on the left and the least significant octet on the right.

The order of transmission of the header and data described in this document is resolved to the octet level. Whenever a diagram shows a group of octets, the order of transmission of those octets is the normal order in which they are read in English. For example, in the following diagram the octets are transmitted in the order they are numbered.



Transmission Order of Bytes

Whenever an octet represents a numeric quantity the left most bit in the diagram is the high order or most significant bit. That is, the bit labeled 0 is the most significant bit. For example, the following diagram represents the value 170 (decimal).



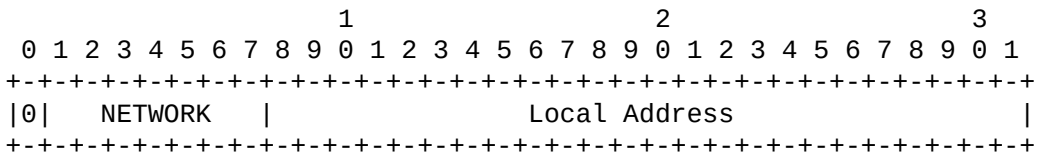
Significance of Bits

Similarly, whenever a multi-octet field represents a numeric quantity the left most bit of the whole field is the most significant bit. When a multi-octet quantity is transmitted the most significant octet is transmitted first.

NETWORK NUMBERS

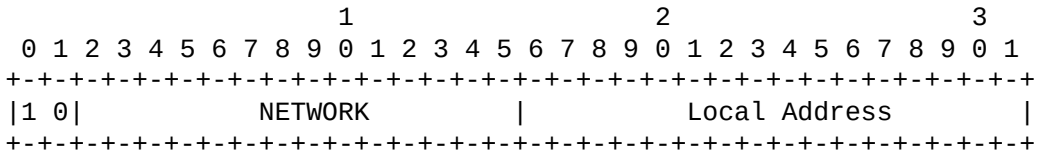
The network numbers listed here are used as internet addresses by the Internet Protocol (IP) [11,21]. The IP uses a 32-bit address field and divides that address into a network part and a "rest" or local address part. The division takes 4 forms or classes.

The first type of address, or class A, has a 7-bit network number and a 24-bit local address. The highest-order bit is set to 0. This allows 128 class A networks.



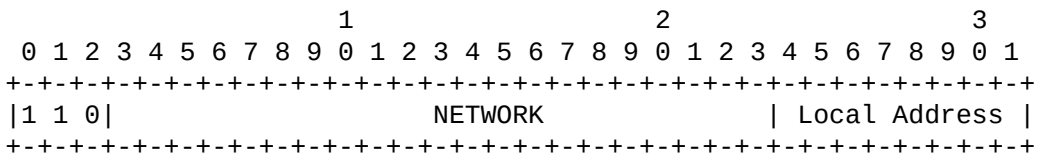
Class A Address

The second type of address, class B, has a 14-bit network number and a 16-bit local address. The two highest-order bits are set to 1-0. This allows 16,384 class B networks.



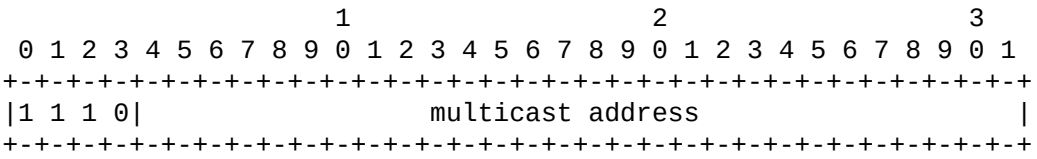
Class B Address

The third type of address, class C, has a 21-bit network number and a 8-bit local address. The three highest-order bits are set to 1-1-0. This allows 2,097,152 class C networks.



Class C Address

The fourth type of address, class D, is used as a multicast address [10]. The four highest-order bits are set to 1-1-1-0.



Class D Address

Note: No addresses are allowed with the four highest-order bits set to 1-1-1-1. These addresses, called "class E", are reserved.

One commonly used notation for internet host addresses divides the 32-bit address into four 8-bit fields and specifies the value of each field as a decimal number with the fields separated by periods. This is called the "dotted decimal" notation. For example, the internet address of VENERA.ISI.EDU in dotted decimal is 010.001.000.052, or 10.1.0.52.

The dotted decimal notation will be used in the listing of assigned network numbers. The class A networks will have nnn.rrr.rrr.rrr, the class B networks will have nnn.nnn.rrr.rrr, and the class C networks will have nnn.nnn.nnn.rrr, where nnn represents part or all of a network number and rrr represents part or all of a local address.

There are four catagories of users of Internet Addresses: Research, Defense, Government (Non-Defense), and Commercial. To reflect the allocation of network identifiers among the categories, a one-character code is placed to the left of the network number: R for Research, D for Defense, G for Government, and C for Commercial (see Appendix A for further details on this division of the network identification).

Network numbers are assigned for networks that are connected to the research Internet and operational Internet, and for independent networks that use the IP family protocols (these are usually commercial). These independent networks are marked with an asterisk preceding the number.

The administrators of independent networks must apply separately for permission to interconnect their network with the Internet. Independent networks should not be listed in the working tables of the Internet hosts or gateways.

For various reasons, the assigned numbers of networks are sometimes changed. To ease the transition the old number will be listed for a

transition period as well. These "old number" entries will be marked with a "T" following the number and preceding the name, and the network name will be suffixed "-TEMP".

Special Addresses:

In certain contexts, it is useful to have fixed addresses with functional significance rather than as identifiers of specific hosts.

The address zero is to be interpreted as meaning "this", as in "this network".

For example, the address 0.0.0.37 could be interpreted as meaning host 37 on this network.

The address of all ones are to be interpreted as meaning "all", as in "all hosts".

For example, the address 128.9.255.255 could be interpreted as meaning all hosts on the network 128.9.

The class A network number 127 is assigned the "loopback" function, that is, a datagram sent by a higher level protocol to a network 127 address should loop back inside the host. No datagram "sent" to a network 127 address should ever appear on any network anywhere.

Network Numbers

Class A Networks

*	Internet Address	Name	Network	References
	000.rrr.rrr.rrr		Reserved	[JBP]
	001.rrr.rrr.rrr-003.rrr.rrr.rrr		Unassigned	[NIC]
R	004.rrr.rrr.rrr	SATNET	Atlantic Satellite Network	[SHB]
	005.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
D	006.rrr.rrr.rrr T	YPG-NET-TEMP	Yuma Proving Grounds	[4,BWA]
D	007.rrr.rrr.rrr T	EDN-TEMP	DCEC EDN	[EC5]
R	008.rrr.rrr.rrr T	BBN-NET-TEMP	BBN Network	[JSG5]
	009.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
R	010.rrr.rrr.rrr	ARPANET	ARPANET	[4,SA2]
D	011.rrr.rrr.rrr	DODIIS	DoD INTEL INFO SYS	[AY5]
C	012.rrr.rrr.rrr	ATT	ATT, Bell Labs	[MH12]
C	013.rrr.rrr.rrr	XEROX-NET	XEROX Internet	[30,JNL1]
C	014.rrr.rrr.rrr	PDN	Public Data Network	[SA2]
R*	015.rrr.rrr.rrr	HP-INTERNET	Hewlett-Packard-Internet	[BXR]
	016.rrr.rrr.rrr-017.rrr.rrr.rrr		Unassigned	[NIC]
R	018.rrr.rrr.rrr T	MIT-TEMP	MIT Network	[7,23,DDC1]
	019.rrr.rrr.rrr-020.rrr.rrr.rrr		Unassigned	[NIC]
D	021.rrr.rrr.rrr	DDN-RVN	DDN-RVN	[MLC]
D	022.rrr.rrr.rrr	DISNET	DISNET	[FLM2]
D	023.rrr.rrr.rrr	DDN-TC-NET	DDN-TestCell-Network	[DH17]
	024.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
R	025.rrr.rrr.rrr	RSRE-EXP	RSRE	[RNM1]
D	026.rrr.rrr.rrr	MILNET	MILNET	[FLM2]
R	027.rrr.rrr.rrr T	NOSC-LCCN-TEMP	NOSC / LCCN	[RH6]
R	028.rrr.rrr.rrr	WIDEBAND	Wide Band Satellite Net	[CJW2]
D	029.rrr.rrr.rrr T	MILX25-TEMP	MILNET X.25 Temp	[MLC]
D	030.rrr.rrr.rrr T	ARPAX25-TEMP	ARPA X.25 Temp	[MLC]
G	031.rrr.rrr.rrr	UCDLA-NET	UCDLA-CATALOG-NET	[CXL]
R	032.rrr.rrr.rrr	UCL-TAC	UCL TAC	[PK]
	033.rrr.rrr.rrr-034.rrr.rrr.rrr		Unassigned	[NIC]
R	035.rrr.rrr.rrr	MERIT	MERIT COMPUTER NETWK	[HWB]
R	036.rrr.rrr.rrr T	SU-NET-TEMP	Stanford University Network	[PA5]
	037.rrr.rrr.rrr-038.rrr.rrr.rrr		Unassigned	[NIC]
R	039.rrr.rrr.rrr T	SRINET-TEMP	SRI Local Network	[GEOF]
	040.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
R	041.rrr.rrr.rrr	BBN-TEST-A	BBN-GATE-TEST-A	[RH6]
	042.rrr.rrr.rrr-043.rrr.rrr.rrr		Unassigned	[NIC]
R	044.rrr.rrr.rrr	AMPRNET	Amateur Radio Experiment Net	[HM]
	045.rrr.rrr.rrr-126.rrr.rrr.rrr		Unassigned	[NIC]
R	127.rrr.rrr.rrr		Loopback	[JBP]

Class B Networks

*	Internet Address	Name	Network	References
	128.000.rrr.rrr		Reserved	[JBP]
R	128.001.rrr.rrr	BBN-TEST-B	BBN-GATE-TEST-B	[RH6]
R	128.002.rrr.rrr	CMU-NET	CMU-Ethernet	[HDW2]
R	128.003.rrr.rrr	LBL-CSAM	LBL-CSAM-RESEARCH	[JS38]
R	128.004.rrr.rrr	DCNET	LINKABIT DCNET	[20,DLM1]
R	128.005.rrr.rrr	FORDNET	FORD DCNET	[20,DLM1]
R	128.006.rrr.rrr	RUTGERS	RUTGERS	[CLH3]
R	128.007.rrr.rrr	DFVLR	DFVLR DCNET Network	[GB7]
R	128.008.rrr.rrr	UMDNET	Univ of Maryland DCNET	[20,DLM1]
R	128.009.rrr.rrr	ISI-NET	USC-ISI Local Network	[CMR]
R	128.010.rrr.rrr	PURDUE-CS-EN	Purdue Computer Science	[CAK]
R	128.011.rrr.rrr	BBN-CRONUS	BBN DOS Project	[19,WXM]
R	128.012.rrr.rrr	SU-NET	Stanford University Net	[LB3]
D	128.013.rrr.rrr	MATNET	Mobile Access Terminal Net	[SHB]
R	128.014.rrr.rrr	BBN-SAT-TEST	BBN SATNET Test Net	[SHB]
R	128.015.rrr.rrr	S1NET	LLL-S1-NET	[EAK1]
R	128.016.rrr.rrr	UCLNET	University College London	[PK]
D	128.017.rrr.rrr	MATNET-ALT	Mobile Access Terminal Alt	[SHB]
R	128.018.rrr.rrr	SRINET	SRI Local Network	[GEOF]
D	128.019.rrr.rrr	EDN	DCEC EDN	[EC5]
D	128.020.rrr.rrr	BRLNET	BRLNET	[4,MJM2]
R	128.021.rrr.rrr	SF-PR-1	SF-1 Packet Radio Network	[JEM]
R	128.022.rrr.rrr	SF-PR-2	SF-2 Packet Radio Network	[JEM]
R	128.023.rrr.rrr	BBN-PR	BBN Packet Radio Network	[JBW1]
R	128.024.rrr.rrr	ROCKWELL-PR	Rockwell Packet Radio Net	[EHP]
D	128.025.rrr.rrr	BRAGG-PR	Ft. Bragg Packet Radio Net	[JEM]
D	128.026.rrr.rrr	SAC-PR	SAC Packet Radio Network	[BG5]
D	128.027.rrr.rrr	DEMO-PR-1	Demo-1 Packet Radio Network	[LCS]
D	128.028.rrr.rrr	C3-PR-TEMP	Testbed Development PR NET	[BG5]
R	128.029.rrr.rrr	MITRE	MITRE Cablenet	[29,TML]
R	128.030.rrr.rrr	MIT-NET	MIT Local Network	[DDC1]
R	128.031.rrr.rrr	MIT-RES	MIT Research Network	[DDC1]
R	128.032.rrr.rrr	UCB-ETHER	UC Berkeley Ethernet	[DAM1]
R	128.033.rrr.rrr	BBN-NET	BBN Network	[JSG5]
R	128.034.rrr.rrr	NOSC-LCCN	NOSC / LCCN	[RH6]
R	128.035.rrr.rrr	CISLTESTNET1	Honeywell	[14,15,JLM23]
R	128.036.rrr.rrr	YALE-NET	YALE NET	[30,JO5]
D	128.037.rrr.rrr	YPG-NET	Yuma Proving Grounds	[4,BWA]
D	128.038.rrr.rrr	NSWC-NET	NSWC Local Host Net	[RLH2]
R	128.039.rrr.rrr	NTANET	NDRE-TIU	[PS27]
R	128.040.rrr.rrr	UCL-NET-A	UCL	[RC77]
R	128.041.rrr.rrr	UCL-NET-B	UCL	[RC77]
R	128.042.rrr.rrr	RICE-NET	Rice University	[30,PGM]
R	128.043.rrr.rrr	DRENET	Canada REF ARPANET	[4,JR17]

D 128.044.rrr.rrr	WSMR-NET	White Sands Network	[CAS1]
C 128.045.rrr.rrr	DEC-WRL-NET	DEC WRL Network	[30,RKJ2]
R 128.046.rrr.rrr	PURDUE-NET	Purdue Campus Network	[CAK]
D 128.047.rrr.rrr	TACTNET	Tactical Packet Net	[3,KTP]
G 128.048.rrr.rrr	UCDLA-NET-B	UCDLA-Network-B	[4,CXL]
R 128.049.rrr.rrr	NOSC-ETHER	NOSC Ethernet	[30,RLB3]
G 128.050.rrr.rrr	COINS	COINS On-Line Intel Net	[RLS6]
G 128.051.rrr.rrr	COINSTNET	COINS TEST NETWORK	[RLS6]
R 128.052.rrr.rrr	MIT-AI-NET	MIT AI NET	[30,MDC]
R 128.053.rrr.rrr	SAC-PR-2	SAC PRNET Number 2	[BG5]
R 128.054.rrr.rrr	UCSD	UC San Diego Network	[30,GH29]
R*128.055.rrr.rrr	MFENET	LLNL MFE Network	[28,DRP]
D 128.056.rrr.rrr	USNA-NET	US Naval Academy Network	[TS9]
D 128.057.rrr.rrr	DEMO-PR-2	Demo-2 Packet Radio Net	[LCS]
C*128.058.rrr.rrr	SPAR	Schlumberger PA Net	[30,RXB]
R 128.059.rrr.rrr	CU-NET	Columbia University	[30,LH2]
D 128.060.rrr.rrr	NRL-LAN	NRL Lab Area Net	[WF3]
R*128.061.rrr.rrr	GATECH	Georgia Tech	[30,GXS]
R 128.062.rrr.rrr	MCC-NET	MCC Corporate Net	[30,CBD]
R 128.063.rrr.rrr	BRL-SUBNET	BRL-SUBNET-EXP	[RBN1]
R 128.064.rrr.rrr-128.079.rrr.rrr		Net Dynamics Exp	[ZSU]
D 128.080.rrr.rrr	CECOMNET	CECOM EPR NET	[PFS2]
R 128.081.rrr.rrr	SYMBOLICS	SYMBOLICS	[30,CH2]
128.082.rrr.rrr	Unassigned	Unassigned	[NIC]
R 128.083.rrr.rrr	UTAUSTIN	U. Texas Austin	[30,JBC2]
R 128.084.rrr.rrr	CORNELL-NET	Cornell Backbone Net	[30,BN9]
C*128.085.rrr.rrr	DRILL-NET	Teleco Drilltech Net	[DBJ]
R 128.086.rrr.rrr	MRC	UK.CO.GEC.RL.MRC	[RHC3]
R 128.087.rrr.rrr	HIRST	UK.CO.GEC.RL.HRC	[RHC3]
R*128.088.rrr.rrr	HP-NET	HEWLETT-PACKARD-NET	[AXG]
R 128.089.rrr.rrr	BBN-ENET-TEMP	BBN ETHER NETWORK	[30,SGC]
C*128.090.rrr.rrr	PQS	PERQ SYSTEMS CORP	[30,DXS]
R 128.091.rrr.rrr	UPENN	UPenn Campus Network	[30,IW5]
R 128.092.rrr.rrr	INTELLINET	INTELLICORP NET	[30,DAVE]
R*128.093.rrr.rrr	INRIA-ROCQU	INRIA Rocquencourt	[MXA1]
R*128.094.rrr.rrr	SYSNET	AT&T SYSNETWORK	[EXY]
R 128.095.rrr.rrr	WASHINGTON	Comp Sci Ether Net	[30,RA17]
C*128.096.rrr.rrr	BELLCORE-NET	BELLCORE-NET	[PK28]
R 128.097.rrr.rrr	UCLANET	UCLA Network	[BJL5]
R 128.098.rrr.rrr	RSRE-EN2	RSRE-EXP-NET-2	[JXW]
C 128.099.rrr.rrr	NORTHROP-NET	Northrop Net	[30,RSM1]
R*128.100.rrr.rrr	TORONTO	U. of Toronto Net	[30,BXD]
R 128.101.rrr.rrr	UMN	Univ. of Minn.	[SSB]
G 128.102.rrr.rrr	AMES-NET	Ames Backbone Net.	[30,MSM1]
R 128.103.rrr.rrr	HARV-FIBER	Harvard FiberOp Ether	[30,SB28]
R 128.104.rrr.rrr	WISC-HERD	Univ. of Wisconsin	[30,EJN1]
R 128.105.rrr.rrr	WISC	Univ. of Wisconsin	[30,CBP]
D 128.106.rrr.rrr	SRI-PSON-1	ADEA/SRI Ft. Lewis	[ERK3]

D 128.107.rrr.rrr	LEWIS-PRNET1	ADEA/SRI Ft. Lewis	[ERK3]
D 128.108.rrr.rrr	LEWIS-PRNET2	ADEA/SRI Ft. Lewis	[ERK3]
R 128.109.rrr.rrr	TUCC-MCNC	TUCC-MCNC NC Net	[JXR]
R 128.110.rrr.rrr	UTAH-NET	UTAH-CAMPUS-NET	[JL15]
R 128.111.rrr.rrr	UCSB	U of CA, Santa Barbara	[PXH]
R 128.112.rrr.rrr	PRINCETON	Princeton University	[LXR]
R 128.113.rrr.rrr	RPINET	RPI-LOCALNET	[MS9]
R 128.114.rrr.rrr	UCSC	U.C. Santa Cruz Net	[30,JXH]
R 128.115.rrr.rrr	LLL-LABNET	LLNL Open Labnet	[BANDY]
R 128.116.rrr.rrr	USAN	UNIV SATELLITE NET	[30,BXI]
R 128.117.rrr.rrr	UCAR	UNIV CORP ATM RSCH	[30,BXI]
R 128.118.rrr.rrr	PENN-STATE	Penn State Network	[SXS1]
R 128.119.rrr.rrr	UMASS-CS	UMass COINS Dept LAN	[30,GXW]
R 128.120.rrr.rrr	UCDAVIS	U.C. Davis Network	[30,RXH]
R 128.121.rrr.rrr	JVNC-NET	John von Neumann Ctr Net	[SH37]
R 128.122.rrr.rrr	NYU-NET	NYU Campus Network	[BJR2]
R*128.123.rrr.rrr	NMSU	N M State Univ	[30,MXS3]
R 128.124.rrr.rrr T	NTA-TEMP	NTARE BF-TO-PDP11	[TM10]
R 128.125.rrr.rrr	USCNET	USC Campus Network	[30,MAB4]
R 128.126.rrr.rrr	SDC-PRC	SDC Paoli R&D Center	[30,MXS2]
C*128.127.rrr.rrr	FTP-SOFTWARE	FTP Software Net	[JLR4]
R 128.128.rrr.rrr	WHOINET	WHOI Campus Net	[ARM5]
C*128.129.rrr.rrr	CGI	Carnegie Group	[RXA]
R*128.130.rrr.rrr	TUNET-T	TU Wien Terminal Net	[30,GXP1]
R*128.131.rrr.rrr	TUNET-F	TU Wien File Net	[30,GXP1]
G*128.132.rrr.rrr	RADC-LONS	RADC-LONS Net	[30,GXG]
G*128.133.rrr.rrr	AFSC-LONS	AFSC-LONS Net	[30,GXG]
R 128.134.rrr.rrr	SDN	System Dev Net	[5,6,HXC]
R 128.135.rrr.rrr	U-CHICAGO	UNIVERSITYOFCHICAGO	[30,MC17]
R 128.136.rrr.rrr	TEK-ALLNET	Teknowledge-Net	[30,TE2]
C*128.137.rrr.rrr	GENNET1	Genentech Corp Net	[30,SXM1]
R 128.138.rrr.rrr	COLORADO	U Colorado Boulder	[30,RXJ1]
R 128.139.rrr.rrr	ILAN	Israel Academic Net	[30,DB35]
R 128.140.rrr.rrr	EMORY-INET	Emory Internet	[30,SA29]
R*128.141.rrr.rrr	CERN-ETHER	DD Main Ethernet	[30,BXS]
R*128.142.rrr.rrr	CERN-TOKEN	DD Main IBM Token Ring	[30,BXS]
R*128.143.rrr.rrr	VIRGINIA	Univ. of Virginia	[30,JXJ1]
R*128.144.rrr.rrr	ARC-CALGARY	Alta Research Calgary	[DXK]
R 128.145.rrr.rrr	NYSERNET	NYSERNET	[MXF]
R 128.146.rrr.rrr	OHIO-STATE	Ohio State Univ	[RSD2]
R 128.147.rrr.rrr	U-PGH-NET	Univ. Pittsburgh Net	[SM6]
R 128.148.rrr.rrr	BROWN-UNIV	Brown University Net	[MXR1]
G 128.149.rrr.rrr	JPL-NET	JPL Central Net	[MSM1]
G 128.150.rrr.rrr	NSF-LAN	NSF-LAN	[FW17]
R 128.151.rrr.rrr	UR-NET	Univ. of Rochester	[TXM1]
C*128.152.rrr.rrr	HAC-VLSI	Hughes Aircraft VLSI Net	[PXH1]
R 128.153.rrr.rrr	CLARKSON	Clarkson University	[JXH]
G 128.154.rrr.rrr	GSFC-NET	GSFC Central Net	[MSM1]

G 128.155.rrr.rrr	LARC-NET	LARC Central Net	[MSM1]
G 128.156.rrr.rrr	LERC-NET	LERC Central Net	[MSM1]
G 128.157.rrr.rrr	JSC-NET	JSC Central Net	[MSM1]
G 128.158.rrr.rrr	MSFC-NET	MSFC Central Net	[MSM1]
G 128.159.rrr.rrr	KSC-NET	KSC Central Net	[MSM1]
G 128.160.rrr.rrr	NSTL-NET	NSTL Central Net	[MSM1]
G 128.161.rrr.rrr	NSN-NET	NASA Science Net	[MSM1]
C 128.162.rrr.rrr	CRAY-NET	Cray Research	[DXB]
R 128.163.rrr.rrr	UKY	Univ of Kentucky	[GXB]
R 128.164.rrr.rrr	GWU-GATE	George Washington U.	[TXT]
G 128.165.rrr.rrr	LANL-INET	LANL Inter-Network	[JC11]
D*128.166.rrr.rrr	BAC-NET	Boeing Aerospace Corp Net	[JXJ2]
R 128.167.rrr.rrr	SURA	SURAnet	[JXH1]
C 128.168.rrr.rrr	GOLDHILL	Gold-Hill-Computers	[GXM]
R 128.169.rrr.rrr	UTK	Univ Tenn-Knoxville	[JXC]
R 128.170.rrr.rrr	SDC-CAM	SDC Camarillo R&D Net	[DSR]
R*128.171.rrr.rrr	HAWAII	Univ. of Hawaii	[BXC]
R 128.172.rrr.rrr	VCU-LAN	VCU-LAN	[JXN]
R 128.173.rrr.rrr	VA-TECH	Virgina Tech Net	[PXB]
R 128.174.rrr.rrr	UIUC-CAMPUS-B	UIUC Campus Network	[PXP1]
R 128.175.rrr.rrr	UDELNET	U. of Delaware Network	[DJG2]
R*128.176.rrr.rrr	DMSWWU-ETHER	DMSWWU ETHERNET	[WXW1]
C*128.177.rrr.rrr	BLI-NET	Britton Lee Network	[EXA]
R*128.178.rrr.rrr	EPF-ETHER1	Ecublens Campus Net	[YXD]
R*128.179.rrr.rrr	EPF-ETHER2	Cedres Campus Net	[YXD]
R*128.180.rrr.rrr	LEHIGH	Lehigh University	[MXM2]
C*128.181.rrr.rrr	TEKTRONIX	Tektronix Engineering	[JXB2]
R 128.182.rrr.rrr	PSCNET	PSC Affiliates Net	[JXE1]
R 128.183.rrr.rrr	GSFC	GSFC NASA	[JXB3]
R*128.184.rrr.rrr	DEAKINET	Deakinet Univ Net	[JXM]
C 128.185.rrr.rrr	PROTEON-NET	Proteon Network	[JS28]
R 128.186.rrr.rrr	FSU	Florida State Univ	[KXH]
R*128.187.rrr.rrr	BYU-NET	Brigham Young Net	[KXM]
R*128.188.rrr.rrr	M2CNET	Mass VLSI/CAD Net	[SD1]
R*128.189.rrr.rrr	BCNET	British Columbia Net	[DXO1]
G 128.190.rrr.rrr	BELVOIR-G/W	BRADEC Subnet	[DXH]
C*128.191.rrr.rrr	NECIS-NET	NEC Info Systems Net	[DXP]
R 128.192.rrr.rrr	UGA	UGNET	[EXH]
R 128.193.rrr.rrr	ORSTATE	Oregon State U. Net	[BXA]
R 128.194.rrr.rrr	TAMU-NET	Texas A&M Univ	[WCE2]
R 128.195.rrr.rrr	UCIICS-NET	UCI ICS Network	[RAJ3]
R 128.196.rrr.rrr	UNIV-ARIZ	U of ARIZ Research Net	[AXG1]
R 128.197.rrr.rrr	BU-NET	BU-NET	[BS24]
R*128.198.rrr.rrr	CU-COLOSPGS	CU-Colorado-Spgs-Net	[GXT]
R*128.199.rrr.rrr	STC	STC PLC Company Net	[AXM]
R 128.200.rrr.rrr	UCI-NET	UCI Campus Network	[DXW1]
R*128.201.rrr.rrr	RENUIR	Reseau des universites	[RXN1]
D 128.202.rrr.rrr	2SWNET	2 SW SPACENET LAN	[JXD]

R*128.203.rrr.rrr	UB-INC	Ungermann-Bass Inc	[DXC]
R 128.204.rrr.rrr	ALBNYNET	U at Albany Net	[BXC]
R 128.205.rrr.rrr	UBUFFALONET	UNIVOFBUFFALONET	[CXD]
R 128.206.rrr.rrr	UBUFFCSNET	UNIVOFBUFFALOCSNET	[CXD]
128.207.rrr.rrr-191.254.rrr.rrr		Unassigned	[NIC]
191.255.rrr.rrr		Reserved	[JBP]

Class C Networks

*	Internet Address	Name	Network	References
	192.000.000.rrr		Reserved	[JBP]
R	192.000.001.rrr	BBN-TEST-C	BBN-GATE-TEST-C	[RH6]
R*	192.000.002.rrr	TEST	TEST	[JBP]
	192.000.003.rrr-192.000.255.rrr		Unassigned	[NIC]
R	192.001.000.rrr-192.001.004.rrr		BBN local networks	[SGC]
R	192.001.005.rrr	BBN-ENET2	BBN-ENET2	[SGC]
R	192.001.006.rrr		BBN local network	[SGC]
R	192.001.007.rrr	BBN-ENET	BBN-ENET	[SGC]
R	192.001.008.rrr		BBN local network	[SGC]
R	192.001.009.rrr	BBN-ENET3	BBN-ENET3	[SGC]
R	192.001.010.rrr	BBN-NETR	BBN-NETR	[SGC]
R	192.001.011.rrr	BBN-SPC-ENET	BBN-SPC-ENET	[SGC]
R	192.001.012.rrr-192.003.255.rrr		BBN local networks	[SGC]
R*	192.004.000.rrr-192.004.255.rrr		BELLCORE-NET	[30,PK28]
R	192.005.001.rrr	CISLHYPERNET	Honeywell	[JLM23]
R*	192.005.002.rrr	UF-NET-A	UF-CIS Dept Ether	[AXW]
C	192.005.003.rrr	HP-DESIGN-AIDS	HP Design Aids	[AXG]
C	192.005.004.rrr	HP-TCG-UNIX	Hewlett Packard TCG Unix	[AXG]
R	192.005.005.rrr	DEC-MRNET	DEC Marlboro Ethernet	[30,KWP]
R	192.005.006.rrr	DEC-MRRAD	DEC Marlboro Developmt	[30,KWP]
R	192.005.007.rrr	CIT-CS-NET	Caltech-CS-Net	[33,DSW]
R	192.005.008.rrr	MACOMNET	MACOM Network	[SXB]
R	192.005.009.rrr	AERONET	Aerospace Labnet	[1,LCN]
R	192.005.010.rrr	ECLNET	USC-ECL-CAMPUS-NET	[MAB4]
R	192.005.011.rrr	CSS-RING	SEISMIC-RESEARCH-NET	[RR2]
R	192.005.012.rrr	UTAH-NET-C	UTAH-COMPUTER-SCIENCE-NET	[GW22]
R	192.005.013.rrr	GSWDNET	Compion Network	[30,FAS]
R	192.005.014.rrr	RAND-NET	RAND Network	[30,JDG]
R	192.005.015.rrr T	NYU-NET-TEMP	NYU Network	[EF5]
R	192.005.016.rrr	LANLLAND	Los Alamos Dev LAN	[30,JC11]
R	192.005.017.rrr	NRL-NET	Naval Research Lab	[AP]
R	192.005.018.rrr	IPTO-NET	ARPA-IPTO Office Net	[SA2]
R	192.005.019.rrr	UCIICS	UCI-ICS Res Net	[MTR]
R	192.005.020.rrr	CISLTTYNET	Honeywell	[JLM23]
D	192.005.021.rrr	BRLNET1	BRLNET1	[4,MJM2]
D	192.005.022.rrr	BRLNET2	BRLNET2	[4,MJM2]
D	192.005.023.rrr	BRLNET3	BRLNET3	[4,MJM2]

D 192.005.024.rrr	BRLNET4	BRLNET4	[4,MJM2]
D 192.005.025.rrr	BRLNET5	BRLNET5	[4,MJM2]
D 192.005.026.rrr	NSRDCOA-NET	NSRDC Office Auto Net	[TXC]
D 192.005.027.rrr	DTNSRDC-NET	DTNSRDC-NET	[TXC]
R 192.005.028.rrr	RSRE-NULL	RSRE-NULL	[RNM1]
R 192.005.029.rrr	RSRE-ACC	RSRE-ACC	[RNM1]
R 192.005.030.rrr	RSRE-PR	RSRE-PR	[RNM1]
R*192.005.031.rrr	SIEMENS-NET	Siemens Research Network	[PXN]
R 192.005.032.rrr	CISLTESTNET2	Honeywell	[14,15 ,JLM23]
R 192.005.033.rrr	CISLTESTNET3	Honeywell	[14,15,JLM23]
R 192.005.034.rrr	CISLTESTNET4	Honeywell	[14,15,JLM23]
R 192.005.035.rrr	RIACS	USRA	[30,WPJ]
R 192.005.036.rrr	CORNELL-CS	CORNELL CS Research	[30,DK2]
R 192.005.037.rrr	UR-CS-NET	U of R CS 3Mb Net	[30,LB16]
R 192.005.038.rrr	SRI-C3ETHER	SRI-AITAD C3ETHERNET	[30,BG5]
R 192.005.039.rrr	UDEL-EECIS	Udel EECIS LAN	[30,DJG2]
R 192.005.040.rrr	PUCC-NET-A	PURDUE Comp Cntr Net	[JRS8]
D 192.005.041.rrr	WISLAN	WIS Research LAN	[30,JRM1]
D 192.005.042.rrr	HYPER-1ISG	AFDSC Hypernet	[MCA1]
R 192.005.043.rrr	CUCSNET	Columbia CS Net	[30,LH2]
R 192.005.044.rrr	FARBER-PC-NET	Farber PC Network	[DJF]
R 192.005.045.rrr	AIDS-NET	AI&DS Network	[30,KFD]
R 192.005.046.rrr	NTA-RING	NDRE-RING	[PS27]
R 192.005.047.rrr	NSRDC	NSRDC	[PXM]
R 192.005.048.rrr	PURDUE-CS-NET	Purdue CS Ethernet	[30,CAK]
R 192.005.049.rrr	UCSF	Univ of Calif, San Fran	[30,TF6]
R 192.005.050.rrr	CTH-CS-NET	Chalmers CSN Net	[30,UXB]
R 192.005.051.rrr	THEORYNET	Cornell Theory Center	[30,AB13]
R 192.005.052.rrr	NLM-ETHER	NLM-LHNCBC-ETHERNET	[JA1]
R 192.005.053.rrr	UR-CS-ETHER	U of R CS 10Mb Net	[30,LB16]
R 192.005.054.rrr	AERO-A6	Aerospace	[1,LCN]
R 192.005.055.rrr	UCLA-CECS	UCLA-CECS Network	[30,RBW]
C 192.005.056.rrr	TARTAN-NET	Tartan Labs	[SXB]
R 192.005.057.rrr	UDEL-CC	UDEL Comp Center	[30,RR18]
R 192.005.058.rrr	CSNET-PDN	CSNET X.25 Network	[18,RDR4]
R*192.005.059.rrr	INRIA-SM90	Inria GIP SM-90	[MXS]
R*192.005.060.rrr	SM90-X1	Inria SM-90 exp. 1	[MXS]
R*192.005.061.rrr	SM90-X2	Inria SM-90 exp. 2	[MXS]
R*192.005.062.rrr	LITP-SM90	LITP SM-90	[MXS]
R 192.005.063.rrr	ENCORE	Encore-Marlboro	[IXN]
R 192.005.064.rrr	AMES-NAS-NET	NASA ARC NAS LAN	[30,MF31]
R 192.005.065.rrr	NPRDC-Ether	NPRDC TRCF Ethernet	[LRB]
R 192.005.066.rrr	HARV-NET	Harvard Comp Sci Net	[SB28]
R 192.005.067.rrr	CECOM-ETHER	CECOM ADDCOMPE ETHER	[30,GIH]
R 192.005.068.rrr	AERO-130	AEROSPACE-130	[LCN]
R 192.005.069.rrr	UIUC-NET	Univ of IL at Urbana	[30,AKC]
G 192.005.070.rrr	CELAN	COINS Exper. LAN	[MXM]
R 192.005.071.rrr	SAC-ETHER	SAC C3 Ethernet	[30,BG5]

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R*192.005.072.rrr   U CHICAGO      U Chicago                  [TXN]
R 192.005.073.rrr   U CHICAGO      U Chicago                  [TXN]
R*192.005.074.rrr-192.005.087.rrr U Chicago                  [TXN]
R 192.005.088.rrr   YALE-EE-NET    YALE-EE-NET             [30,AG22]
R 192.005.089.rrr   HARV-APPOLLO   Harvard University       [2,SB28]
R 192.005.090.rrr   HARV-ETHER     Harvard CS Ethernet       [SB28]
R 192.005.091.rrr   PURDUE-ECN1    Purdue ECN           [9,17,GG11]
R 192.005.092.rrr   BRAGG-ETHER    SRI Bragg Ether         [30,GIH]
R 192.005.093.rrr   SRI-DEMO       SRI Ether Demo          [30,GIH]
R*192.005.094.rrr   SDCRDCF-10MB   SDC R&D primary net    [30,DJV1]
R*192.005.095.rrr   SDCRDCF-3MB    SDC R&D old net        [30,DJV1]
R*192.005.096.rrr   UBC-CS-NET     UBC Comp Sci Net        [30,PXB]
R*192.005.097.rrr   UCLA-CS-LNI    UCLA CS LNI Network        [RBW]
R*192.005.098.rrr   UCLA-PIC       UCLA PIC Network        [30,RBW]
R 192.005.099.rrr   SPACENET       S-1 Workstation Net.    [30,TXW]
R*192.005.100.rrr   HCSC-NET       Honeywell CSC Net       [30,TRG4]
R 192.005.101.rrr   PUCC-NET-B     Purdue Gateway Network    [JRS8]
R 192.005.102.rrr   PUCC-RHF-NET   PUCC RHF Based Net        [JRS8]
C*192.005.103.rrr   TYM-NTD-NET    Tymnet NTD Ethernet        [SMF]
R 192.005.104.rrr   THINK-INET     Thinking Machines       [30,BJN1]
R 192.005.105.rrr   CCA-POND       CCA Ethernet1 (POND)    [34,AL6]
C*192.005.106.rrr   BITSTREAM      Bitstream Type Foundry  [30,PXA]
R*192.005.107.rrr   PASC-ETHER     IBM PASC Ethernet       [30,GXL]
R*192.005.108.rrr   PASC-BB        IBM PASC Broadband      [17,GXL]
R*192.005.109.rrr   CWR-JCC-T      ARJCC TOPS-20 NET       [30,JAG3]
R*192.005.110.rrr   CWR-JCC-L      ARJCC LOCAL NET         [30,JAG3]
R*192.005.111.rrr   CWR-QUAD       Campus QUAD NET         [30,JAG3]
R*192.005.112.rrr   CWR-CAISR      CAISR LOCAL NET         [30,JAG3]
R*192.005.113.rrr   CWR-CES        CES LOCAL NET              [JAG3]
C*192.005.114.rrr   I2-RING-1      INTERMETRICS PRONET      [30,NXH]
C*192.005.115.rrr   I2-ETHER-1     INTERMETRICS ETHER       [30,NXH]
R 192.005.116.rrr   BRAGGNET-1     BRAGG/ADDCOMPE          [30,BG25]
R 192.005.117.rrr   BRAGGNET-2     BRAGG/ADDCOMPE          [30,BG25]
R 192.005.118.rrr   BRAGGNET-3     BRAGG/ADDCOMPE          [30,BG25]
R 192.005.119.rrr   BRAGGNET-4     BRAGG/ADDCOMPE          [30,BG25]
R 192.005.120.rrr   BRAGGNET-5     BRAGG/ADDCOMPE          [30,BG25]
R 192.005.121.rrr   BRAGGNET-6     BRAGG/ADDCOMPE          [30,BG25]
R 192.005.122.rrr   BRAGGNET-7     BRAGG/ADDCOMPE          [30,BG25]
R 192.005.123.rrr   BRAGGNET-8     BRAGG/ADDCOMPE          [30,BG25]
R 192.005.124.rrr   BRAGGNET-9     BRAGG/ADDCOMPE          [30,BG25]
R 192.005.125.rrr   BRAGGNET-10    BRAGG/ADDCOMPE          [30,BG25]
R 192.005.126.rrr   BRAGGNET-11    BRAGG/ADDCOMPE          [30,BG25]
R 192.005.127.rrr   BRAGGNET-12    BRAGG/ADDCOMPE          [30,BG25]
R 192.005.128.rrr   BRAGGNET-13    BRAGG/ADDCOMPE          [30,BG25]
R 192.005.129.rrr   BRAGGNET-14    BRAGG/ADDCOMPE          [30,BG25]
R 192.005.130.rrr   BRAGGNET-15    BRAGG/ADDCOMPE          [30,BG25]
R 192.005.131.rrr   BRAGGNET-16    BRAGG/ADDCOMPE          [30,BG25]
R 192.005.132.rrr   BRAGGNET-17    BRAGG/ADDCOMPE          [30,BG25]
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R*192.005.133.rrr	PERCEPT-AI	Perceptronics	[KXC]
C*192.005.134.rrr	I2-ETHER-2	Intermetrics	[30,NH2]
R 192.005.135.rrr	LL-SPEECH-NET	LL Speech Net	[30,RH60]
R 192.005.136.rrr	LL43-LEX-BACK	Lincoln G43-LEX-BACK	[30,BC65]
R 192.005.137.rrr	LL43-LEX-SUNA	Lincoln G43-LEX-SUNA	[30,BC65]
R 192.005.138.rrr	LL43-LEX-SUNB	Lincoln G43-LEX-SUNB	[30,BC65]
R 192.005.139.rrr	LL43-LEX-APO	Lincoln G43-LEX-APO	[30,BC65]
R 192.005.140.rrr	LL43-TB-BACK	Lincoln G43-TB-BACK	[30,BC65]
R 192.005.141.rrr	LL43-TB-APO	Lincoln G43-TB-APO	[30,BC65]
R*192.005.142.rrr	CCVR	CCVR Network	[30,RXD]
R 192.005.143.rrr	NWU	NORTHWESTERN	[AXS]
R 192.005.144.rrr	CRE-NET	CANADA-CRC-ETHERNET	[JR17]
R 192.005.145.rrr	ECRC-SL	ECRC-SL Net	[PXD]
R 192.005.146.rrr	CPW-PSC	Pittsburgh SC Center	[MXL]
R 192.005.147.rrr	ALV-ETHER	MMDAALVVAX	[LXR]
R 192.005.148.rrr	DISE	Dist Sys Eval Envir	[RHS4]
R 192.005.149.rrr	RDL-ETHER	RDL	[30,MXS1]
G*192.005.150.rrr	SP-ACE-NET	Sperry Space Sys Net	[30,JXM]
R 192.005.151.rrr	PENN-STATE-1	Penn State Network	[SXS1]
R 192.005.152.rrr	PENN-STATE-2	Penn State Network	[SXS1]
R 192.005.153.rrr	PENN-STATE-3	Penn State Network	[SXS1]
R 192.005.154.rrr	PENN-STATE-4	Penn State Network	[SXS1]
R 192.005.155.rrr	PENN-STATE-5	Penn State Network	[SXS1]
R 192.005.156.rrr	PENN-STATE-6	Penn State Network	[SXS1]
R 192.005.157.rrr	PENN-STATE-7	Penn State Network	[SXS1]
R 192.005.158.rrr	PENN-STATE-8	Penn State Network	[SXS1]
R 192.005.159.rrr	PENN-STATE-9	Penn State Network	[SXS1]
R 192.005.160.rrr	PENN-STATE-10	Penn State Network	[SXS1]
R 192.005.161.rrr	PENN-STATE-11	Penn State Network	[SXS1]
R 192.005.162.rrr	PENN-STATE-12	Penn State Network	[SXS1]
C*192.005.163.rrr	I2-SPDNET-1	I2 SPD Ethernet	[30,NH2]
C 192.005.164.rrr	GTEECN	GTE Eng Net	[30,JXE]
R 192.005.165.rrr	SDC-CAM-1	SDC Camarillo R&D Net	[DSR]
R*192.005.166.rrr	CRC-WDC-NET	CRC Washington DC	[GEOF]
R 192.005.167.rrr	MCC-AI-NET	MCC AI Subnet	[30,CBD]
R 192.005.168.rrr	MCC-CAD2-NET	MCC CAD2 Subnet	[30,CBD]
R 192.005.169.rrr	MCC-PKG-NET	MCC PKG Subnet	[30,CBD]
G 192.005.170.rrr	ANLNET1	Argonne Network	[30,LW26]
G 192.005.171.rrr	ANLNET2	Argonne Network	[30,LW26]
G 192.005.172.rrr	ANLNET3	Argonne Network	[30,LW26]
G 192.005.173.rrr	ANLNET4	Argonne Network	[30,LW26]
G 192.005.174.rrr	ANLNET5	Argonne Network	[30,LW26]
G 192.005.175.rrr	ANLNET6	Argonne Network	[30,LW26]
G 192.005.176.rrr	ANLNET7	Argonne Network	[30,LW26]
G 192.005.177.rrr	ANLNET8	Argonne Network	[30,LW26]
G 192.005.178.rrr	ANLNET9	Argonne Network	[30,LW26]
G 192.005.179.rrr	ANLNET10	Argonne Network	[30,LW26]
G 192.005.180.rrr	ANLNET11	Argonne Network	[30,LW26]

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G 192.005.181.rrr   ANLNET12      Argonne Network          [30,LW26]
G 192.005.182.rrr   ANLNET13      Argonne Network          [30,LW26]
G 192.005.183.rrr   ANLNET14      Argonne Network          [30,LW26]
G 192.005.184.rrr   ANLNET15      Argonne Network          [30,LW26]
G 192.005.185.rrr   ANLNET16      Argonne Network          [30,LW26]
G 192.005.186.rrr   ANLNET17      Argonne Network          [30,LW26]
G 192.005.187.rrr   ANLNET18      Argonne Network          [30,LW26]
G 192.005.188.rrr   ANLNET19      Argonne Network          [30,LW26]
G 192.005.189.rrr   ANLNET20      Argonne Network          [30,LW26]
G 192.005.190.rrr   ANLNET21      Argonne Network          [30,LW26]
G 192.005.191.rrr   ANLNET22      Argonne Network          [30,LW26]
G 192.005.192.rrr   ANLNET23      Argonne Network          [30,LW26]
G 192.005.193.rrr   ANLNET24      Argonne Network          [30,LW26]
G 192.005.194.rrr   ANLNET25      Argonne Network          [30,LW26]
G 192.005.195.rrr   ANLNET26      Argonne Network          [30,LW26]
G 192.005.196.rrr   ANLNET27      Argonne Network          [30,LW26]
G 192.005.197.rrr   ANLNET28      Argonne Network          [30,LW26]
G 192.005.198.rrr   ANLNET29      Argonne Network          [30,LW26]
G 192.005.199.rrr   ANLNET30      Argonne Network          [30,LW26]
G 192.005.200.rrr   ANLNET31      Argonne Network          [30,LW26]
G 192.005.201.rrr   ANLNET32      Argonne Network          [30,LW26]
R 192.005.202.rrr   FMC-CEL       FMC-CEL Host Net         [30,BXL1]
R*192.005.203.rrr   OKSTATE-CS    Okla. St. CS Network      [30,MXV]
R 192.005.204.rrr   SKL-ENET      Canada_SKL_ethernet         [JR17]
R*192.005.205.rrr   ARC-CALGARY   Alta Research Calgary        [DXK]
R 192.005.206.rrr   BU-MATHNET    BU-MATHNET                  [BS24]
R 192.005.207.rrr   BU-CHEMNET    BU-CHEMNET                  [BS24]
R 192.005.208.rrr   BU-CLANNET    BU-CLANNET                  [BS24]
D 192.005.209.rrr   SSDF-CDCNET   CDC-DDN-DEVELOPMENT          [RXE]
G 192.005.210.rrr   ECSNET        Embedded Comp Sys Net       [CAL7]
R 192.005.211.rrr   INTEL-IWARP   Intel iWarp Net           [30,BT5]
R 192.005.212.rrr T EMORY-INET4   Emory Internet 4            [SA29]
R 192.005.213.rrr   HARRIS        Harris-GSSNet               [DXT1]
C*192.005.214.rrr   DECUACNET     Decuac Network            [30,FXA]
R 192.005.215.rrr   MASONNET      GMU Network              [30,TH15]
R*192.005.216.rrr   NTT-NET       NTT Research Lab Net      [30,YXS]
R 192.005.217.rrr   YALE-ZOO-NET  Yale Apollo Ed Net          [RC77]
R 192.005.218.rrr   ARINC-GW-NET  Yale Apollo Ed Net           [YXN]
R 192.005.219.rrr   CLEMSON       Clemson Univ Comp Center     [DXB]
C*192.005.220.rrr   SCCNET        SPACECOM IP Network          [MXO]
C*192.005.221.rrr   CSC-LONS      CSC-LONS Network          [30,GXG]
C*192.005.222.rrr   CSC-OIS       CSC-OIS Network           [30,GXG]
R*192.005.223.rrr   HWELL-RE      HWELL-RESD-ENGRG          [30,PXP]
D*192.005.224.rrr   HAIC-NET      Hughes AI Center Net      [30,DXK]
C*192.005.225.rrr-192.005.236.rrr GE CALMA BLOCK            [30,TXR]
C*192.005.237.rrr   PRIME-AI      Prime AI CAD/CAM          [22,NXS]
C*192.005.238.rrr   PALLADIAN-1   Palladian-IN1             [CSTACY]
C*192.005.239.rrr   PALLADIAN-2   Palladian-RING            [CSTACY]
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C*192.005.240.rrr   PALLADIAN-3   Palladian-IN2            [CSTACY]
R 192.005.241.rrr   USC-CYPRESS   USC Cypress Network       [8,DXE]
C*192.005.242.rrr   MOT-ASIC      Motorola Chandler LAN     [GXW1]
C*192.005.243.rrr   MOT-MESA      Motorola Mesa LAN         [GXW1]
C*192.005.244.rrr   MOT-DOVER     Motorola Dover LAN        [GXW1]
C*192.005.245.rrr   MOT-PRICE     Motorola Prince Road LAN  [GXW1]
C*192.005.246.rrr   MOT-PICO      Motorola Pico LAN         [GXW1]
C*192.005.247.rrr   MOT-52ND      Motorola Semi MIS LAN     [GXW1]
C*192.005.248.rrr   MOT-AUSTIN    Motorola Austin LAN       [GXW1]
C*192.005.249.rrr   MOT-OAKHILL   Motorola Oakhill LAN      [GXW1]
C*192.005.250.rrr   MOT-TELAVIV   Motorola Tel Aviv LAN     [GXW1]
C*192.005.251.rrr   MOT-GENEVA    Motorola Geneva LAN       [GXW1]
C*192.005.252.rrr   MOT-TOKYO     Motorola Tokyo LAN        [GXW1]
C*192.005.253.rrr   MOT-HONGKONG  Motorola Hongkong LAN     [GXW1]
R*192.005.254.rrr   ANSA          ANSA Project            [30,DXO]
  192.005.255.rrr   Unassigned    Unassigned                 [NIC]
C*192.006.000.rrr-192.006.255.rrr Hewlett Packard           [AXG]
C*192.007.000.rrr-192.007.255.rrr Computer Consoles, Inc.  [RA11]
C*192.008.000.rrr-192.008.255.rrr Spartacus Computers, Inc. [SXM]
C*192.009.000.rrr-192.009.255.rrr SUN Microsystems, Inc.    [BN4]
C*192.010.000.rrr-192.010.040.rrr Symbolics, Inc.           [CH2]
R 192.010.041.rrr T SCRC-ETHERNET SCRC ETHERNET          [30,CH2]
C*192.010.042.rrr-192.010.255.rrr Symbolics, Inc.           [CH2]
C*192.011.000.rrr-192.011.255.rrr ATT, Bell Labs           [MH12]
R 192.012.000.rrr   YALE-SUN-NET  YALE-SUN-NET              [LFO]
  192.012.001.rrr   Unassigned    Unassigned                 [NIC]
  192.012.002.rrr   Unassigned    Unassigned                 [NIC]
C*192.012.003.rrr   FLAIR         Fairchild AI Lab Net  [30,AMS1]
C*192.012.004.rrr   SCG-NET       Hughes SCG Net         [32,MXP]
R 192.012.005.rrr   AIC-LISPMS    SRI-AIC-LispMachNet    [30,PM4]
R 192.012.006.rrr   NPS-C2        NPS-C2                 [30,AW9]
R 192.012.007.rrr T NYU-CS-ETHER  NYU CompSci Ethernet   [30,LOU]
D 192.012.008.rrr   PICANET1      Picatinny Arsenal LAN1 [30,RFD1]
R 192.012.009.rrr T CADRE-NET     Decision Systems Lab       [SM6]
R 192.012.010.rrr   CORNELL-ENG   Cornell-Engineering    [30,BN9]
R 192.012.011.rrr   MIT-TEST      MIT Gateway TEST NET   [30,NC3]
G 192.012.012.rrr   NBS           NBS Network              [JCN2]
R 192.012.013.rrr   JHU-NET1      JHU-NET1              [30,MO14]
R 192.012.014.rrr   JHU-NET2      JHU-NET2              [30,MO14]
R 192.012.015.rrr   BROOKNET      BNL Brooknet III        [30,GC]
R 192.012.016.rrr   PRMNET        SRI-SURAN-EN          [30,BP17]
G 192.012.017.rrr   LLL-TIS-NET   LLL-TIS-NET         [30,32,NAL]
R 192.012.018.rrr   CIT-CS-10NET  Caltech 10Meg EtherNet [33,AD22]
R 192.012.019.rrr   CIT-NET       Caltech Campus Net     [33,AD22]
R 192.012.020.rrr   CIT-SUN-NET   Caltech Sun Net        [33,AD22]
R 192.012.021.rrr   CIT-PHYSCOMP  Caltech Phys Comp Net  [33,AD22]
R 192.012.022.rrr   UTCSRES       UTCS Net Research      [30,JBC2]
R 192.012.023.rrr   UTCSTTY       UTCS TTY Kludgenet     [30,JBC2]
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R 192.012.024.rrr   MICANET       MITRE (Experimental)       [WDL]
R 192.012.025.rrr   CSS-GRAMINAE  CSS Workstation Net     [16,RR2]
R 192.012.026.rrr   NOSC-NETR     Net-R Testbed at BBN   [26,CP10]
R 192.012.027.rrr   UR-LASER      UR Laser Energetics     [30,WXL]
R*192.012.028.rrr   RIACS-X-NET   RIACS-Experimental-Net    [DG28]
D 192.012.029.rrr   RF-EVANS      ADDCOMPE DC3 LAN1      [30,MB31]
D 192.012.030.rrr   RF-HEX-A      ADDCOMPE DC3 LAN2      [30,MB31]
D 192.012.031.rrr   USNA-ENET     USNA Engineering Net    [30,TS9]
R*192.012.032.rrr   CMU-VINEYARD  CMU File Cluster Net    [30,MXK]
R 192.012.033.rrr   SRI-CSL-NET   SRI-CSL 10MB Ethernet     [GEOF]
C*192.012.034.rrr-192.012.043.rrr Schlumberger PA Net     [30,RXB]
R 192.012.044.rrr T NRTC-NET      Northrop Research Net  [30,RSM1]
R 192.012.045.rrr   ACC-SB-IMP-NET ACC Santa Barbara IMP    [AB20]
R 192.012.046.rrr   ACC-SB-ETHER  ACC Santa Barbara Ethernet[AB20]
R 192.012.047.rrr   UMN-UCC-NET   Univ. of Minnesota        [RG12]
G 192.012.048.rrr   AMES-ED-EXPNET Code ED Exp. Net.     [30,MSM1]
G 192.012.049.rrr   AMES-ED-NET   Code ED IP Net         [30,MSM1]
G 192.012.050.rrr   AMES-DB-NET   Ames DBridge Net       [30,MSM1]
R 192.012.051.rrr   THINK-CHAOS   TMC Chaos              [30,BJN1]
R*192.012.052.rrr   NEURO-NET     NEURO-NET               [30,JXB]
R*192.012.053.rrr   PU-LCA        Princeton U. LCA        [30,CXH]
R 192.012.054.rrr   AERO-A3       Aerospace                 [AWS3]
R 192.012.055.rrr   HAZ-LPR-BETA  Hazeltine LPR Net      [30,KO11]
R 192.012.056.rrr   UTAH-AP-NET   Utah-Appolo-Ring-Net      [JL15]
R 192.012.057.rrr   MCC-CAD-NET   MCC CAD Subnet          [30,CBD]
R 192.012.058.rrr   MCC-PP-NET    MCC AI Subnet           [30,CBD]
R 192.012.059.rrr   MCC-DB-NET    MCC DB Subnet           [30,CBD]
R 192.012.060.rrr   MCC-HI-NET    MCC HI Subnet           [30,CBD]
R 192.012.061.rrr   MCC-SW-NET    MCC SW Subnet           [30,CBD]
R 192.012.062.rrr   DREA-ENET     DREA Lispm & Vaxen     [30,GLH5]
R 192.012.063.rrr   CYPRESS       CYPRESS Serial Net         [CAK]
D 192.012.064.rrr   LOGNET        Logistics Net GW        [4,JR15]
D 192.012.065.rrr   HELNET1       HELNET1                [30,MJM2]
D 192.012.066.rrr   HELNET2       HELNET2                [30,MJM2]
D 192.012.067.rrr   HELNET3       HELNET3                   [MJM2]
G 192.012.068.rrr   ORNL-MSRNET   ORNL Local Area Net       [4,HD]
R 192.012.069.rrr   UA-CS-NET     UNIV. OF ARIZ-CS DEPT  [30,BM40]
R 192.012.070.rrr   NPRDC-IPD     NPRDC-IPD REMOTE ETHERNET  [LRB]
R 192.012.071.rrr   NPRDC-ISG     NPRDC-ISG REMOTE ETHERNET  [LRB]
R 192.012.072.rrr   ULCC          UK.AC.ULCC                [RHC3]
R 192.012.073.rrr   BTRL          UK.CO.BT-RESEARCH-LABS    [RHC3]
R*192.012.074.rrr   APPLE-ETHER   APPLE COMPUTER ETHER    [30,RXJ]
R*192.012.075.rrr   PASC-RING     IBM PASC TOKEN RING        [GXL]
R*192.012.076.rrr   UQ-NET        UNIV. OF QLD NETWORK    [30,AXH]
C*192.012.077.rrr   PRIME         PRIME COMPUTER, INC.       [FXS]
C*192.012.078.rrr   GENNET        GENENTECH NET           [30,SXM]
C*192.012.079.rrr   SLI           SOFTWARE LEVERAGE INC.     [MXG]
R 192.012.080.rrr   CAEN          UMICH-CAEN                 [HWB]
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R 192.012.081.rrr   YALE-RING-NET YALE RESEARCH RING        [RC77]
C 192.012.082.rrr   CU-CC-NET     Columbia CC Net        [30,BC14]
G 192.012.083.rrr   UCDLA-EXNET   UCDLA EXPERIMENTAL NET     [CXL]
G 192.012.084.rrr   UCDLA-PCNET   UCDLA PERSONAL NET         [CXL]
G 192.012.085.rrr   UCDLA-OPNET   UCDLA OPTICAL DISK         [CXL]
G 192.012.086.rrr   UCDLA-RADNET  UCDLA PACKET RADIO        [CXL]
G 192.012.087.rrr   UCDLA-CSLNET  UCDLA STATE LIBRARY       [CXL]
R*192.012.088.rrr   RUTGERS-NWK   RUTGERS, NEWARK           [DXB]
R 192.012.089.rrr   SBCS-CSDEPT-1 SB Computer Science       [JXS]
R 192.012.090.rrr   SBCS-CSDEPT-2 SB Computer Science       [JXS]
R 192.012.091.rrr   RPICSNET0     RPICS-LOCALNET-0          [MS9]
R 192.012.092.rrr   RPICSNET1     RPICS-LOCALNET-1          [MS9]
R 192.012.093.rrr   RPICSNET2     RPICS-LOCALNET-2          [MS9]
R 192.012.094.rrr   RPICSNET3     RPICS-LOCALNET-3          [MS9]
R 192.012.095.rrr   RPICSNET4     RPICS-LOCALNET-4          [MS9]
R 192.012.096.rrr   RPICSNET5     RPICS-LOCALNET-5          [MS9]
R 192.012.097.rrr   RPICSNET6     RPICS-LOCALNET-6          [MS9]
R 192.012.098.rrr   RPICSNET7     RPICS-LOCALNET-7          [MS9]
R 192.012.099.rrr   RPICSNET8     RPICS-LOCALNET-8          [MS9]
R 192.012.100.rrr   RPICSNET9     RPICS-LOCALNET-9          [MS9]
R*192.012.101.rrr   OSU-CGRG      OSU Computer Graphics  [30,KXS]
G 192.012.102.rrr   AMES-NAS-HY   AMES NAS HY NET           [MF31]
R 192.012.103.rrr   CSU-USCETHER  Colorado State Univ Nets  [RXB1]
R 192.012.104.rrr   CSUNRELETHER  Colorado State Univ Nets  [RXB1]
R 192.012.105.rrr   CSU-ASYNC     Colorado State Univ Nets  [RXB1]
R 192.012.106.rrr   CSU-LANCE     Colorado State Univ Nets  [RXB1]
R 192.012.107.rrr   CSU-ATMOS     Colorado State Univ Nets  [RXB1]
R 192.012.108.rrr   CSU-UCC-ETHER Colorado State Univ Nets  [RXB1]
R*192.012.109 rrr-192.012.118.rrr Colorado State Univ Nets  [RXB1]
G 192.012.119.rrr   ICST          ICST Network           [30,JCN2]
D 192.012.120.rrr   MITRE-B-NET   MITRE BEDFORD ETHER        [BSW]
R*192.012.121.rrr   FSUCS         FSU COMPUTER SCIENCE 1     [TXB]
R*192.012.122.rrr   FSUCS2        FSU COMPUTER SCIENCE 2     [TXB]
G 192.012.123.rrr   AMES-CCF-NET  AMES CCF NETWORK       [30,MSM1]
D 192.012.124.rrr   ETL-LAN       ETL LOCAL AREA NET      [30,WWS]
D 192.012.125.rrr   CRDC-NET1     CRDC-NET1               [30,JXY]
D 192.012.126.rrr   CRDC-NET2     CRDC-NET2               [30,JXY]
R 192.012.127.rrr   LL-MI-NET     LL-Machine Intell.      [30,GAA]
R 192.012.128.rrr   AITAC-ADMIN   SRI-AITAC ADMIN NET     [30,DVC]
C*192.012.129.rrr   SYM-CAN       Symbolics/Canada           [MXH]
R 192.012.130.rrr   SDC-SM        SDC Santa Monica           [CAS]
R 192.012.131.rrr   SAC-ADMIN     SRI-SAC ADMIN NET      [30,KMC3]
R 192.012.132.rrr   LLL-MON       LLL Open Labnet-1     [30,BANDY]
R 192.012.133.rrr   LLL-TUE       LLL Open Labnet-2     [30,BANDY]
R 192.012.134.rrr   LLL-WED       LLL Open Labnet-3     [30,BANDY]
R 192.012.135.rrr   LLL-THU       LLL Open Labnet-4     [30,BANDY]
R 192.012.136.rrr   LLL-FRI       LLL Open Labnet-5     [30,BANDY]
R 192.012.137.rrr   LLL-SAT       LLL Open Labnet-6     [30,BANDY]
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R 192.012.138.rrr    LLL-SUN        LLL Open Labnet-7      [30,BANDY]
D 192.012.139.rrr    JTELS-BEN-GW   JUMPS Teleprocessing       [RR26]
R*192.012.140.rrr    INFERENCE      INFERENCE                   [DXT]
R 192.012.141.rrr    CSS-ETHER      CSS Workstation Net 2      [RA11]
C*192.012.142.rrr    SENTRY         Sentry Adv. Prod. Net       [LXL]
C*192.012.143.rrr    VHSIC-NET      Sentry VHSIC Test           [LXL]
R 192.012.144.rrr    ECRCNET        ECRC Internet            [30,PXD]
C*192.012.145 rrr-192.012.154.rrr   RCA-CADNET               [30,RXG]
C*192.012.155 rrr-192.012.170.rrr   MTCS-CUST                   [SXF]
D 192.012.171.rrr    PICANET2       Picatinny Arsenal 2        [RFD1]
R 192.012.172.rrr    ROCKWELLENET   ROCKWELL ETHERNET            [NG]
R 192.012.173.rrr    AERO-D8        Aerospace                  [AWS3]
R*192.012.174 rrr-192.012.183.rrr   TORONTO                  [30,BXD]
R 192.012.184.rrr    DSPO-NET       BRL Hyper Proj Net          [BT5]
R 192.012.185.rrr    BU-NET         BU COMPUTING               [BS24]
R 192.012.186.rrr    BU-ACCNET      BU ACADEMIC                [BS24]
R 192.012.187.rrr    BU-BROADB      BU BROADBAND               [BS24]
R 192.012.188.rrr    BU-SCINET      BU SCIENCE                 [BS24]
R 192.012.189.rrr    BU-ENGNET      BU ENGINEERING             [BS24]
R 192.012.190.rrr    BU-DSGNET      BU DIST SYS                [BS24]
R 192.012.191.rrr    BU-MEDNET      BU MED SCHOOL              [BS24]
R 192.012.192.rrr    CNUCE-LAN1     CNR Pisa Ethernet          [ABB2]
R 192.012.193.rrr    CNUCE-LAN2     CNR Pisa Ethernet          [ABB2]
R 192.012.194.rrr    CNUCE-LAN3     CNR Pisa Ethernet          [ABB2]
R 192.012.195.rrr    SDC-PRC-NET    SDC Paoli R&D Center       [MXS2]
D 192.012.196.rrr    JHUAPL-NET     JHU APL Net              [30,SAK3]
D 192.012.197.rrr    ACATT-ETHER1   ADEA/CECOM Adv Tech      [30,ERK3]
D 192.012.198.rrr    ACATT-ETHER2   ADEA/CECOM Adv Tech      [30,ERK3]
D 192.012.199.rrr    LEWIS-ETHER1   ADEA/SRI Ft. Lewis       [30,ERK3]
D 192.012.200.rrr    SRI-PSON-10    ADEA/SRI Ft. Lewis       [30,ERK3]
D 192.012.201.rrr    SRI-PSON-11    ADEA/SRI Ft. Lewis       [30,ERK3]
D 192.012.202.rrr    SRI-PSON-12    ADEA/SRI Ft. Lewis       [30,ERK3]
D 192.012.203.rrr    SRI-PSON-13    ADEA/SRI Ft. Lewis       [30,ERK3]
D 192.012.204.rrr    SRI-PSON-14    ADEA/SRI Ft. Lewis       [30,ERK3]
R 192.012.205.rrr    OHIO-STATE1    Ohio State Univ.           [RSD2]
R 192.012.206.rrr    INDIANA        Indiana-Bloomington        [BXS1]
R 192.012.207.rrr    SUPERCOMP      SDSC-Supercomputer          [SIP]
  192.012.208.rrr    Unassigned     Unassigned                  [NIC]
R 192.012.209.rrr    NSF            NSF Internal Net           [FW17]
R*192.012.210.rrr    NORTHEASTERN   Northeastern Univ.          [CXJ]
R 192.012.211.rrr    JVNC           NSF/JVNC Net                [HXH]
R 192.012.212.rrr    RAND-NET2      RAND-NET2                   [JDG]
R 192.012.213.rrr    RAND-NET3      RAND-NET3                   [JDG]
R*192.012.214.rrr    BUFFALO-CS     SUNY/Buffalo-CS-Ether    [30,JRL8]
R 192.012.215.rrr    XDRENET        DRE X.25 COMPONENT         [JR17]
R 192.012.216.rrr    STEVENS-TECH   Stevens Inst of Tech     [30,RXM]
R 192.012.217.rrr T  EMORY-INET1    Emory Internet           [30,SA29]
R 192.012.218.rrr T  EMORY-INET2    Emory Internet           [30,SA29]
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R 192.012.219.rrr T EMORY-INET3   Emory Internet          [30,SA29]
R 192.012.220 rrr-192.012.234.rrr UWISC-IPNET            [30,EJN1]
R*192.012.235.rrr   IDA-NET       Comp Sc Linkoping S       [MXA2]
R 192.012.236.rrr   CITNET        CIT Campus Net          [30,CXB]
R*192.012.237.rrr   HCSC-APOLLO   Honeywell CSC Apollo    [2,TRG4]
R*192.012.238.rrr   CU-BOULDER    CU Boulder Campus       [30,DXW]
R*192.012.239.rrr   CU-ACS        CU ACS Net              [30,DXW]
R*192.012.240.rrr   CU-ENGINEER   CU Engineering Net      [30,DXW]
R*192.012.241.rrr   CU-SUNNET     CU Sun Net              [30,DXW]
R*192.012.242.rrr   CU-CER        CU CER Net              [30,DXW]
R*192.012.243.rrr   CU-OT         CU Office Tower         [30,DXW]
R*192.012.244.rrr   CU-ENTERPRISE CU ECE Sun Net          [30,DXW]
R*192.012.245.rrr   CU-LASP       CU LASP Net             [30,DXW]
R*192.012.246.rrr   CU-JILA       CU JILA Net             [30,DXW]
R*192.012.247.rrr   CU-PHYSICS    CU Physics Net          [30,DXW]
R*192.012.248.rrr   CU-PSYCHOLOGY CU Psychology Net       [30,DXW]
R*192.012.249.rrr   CU-MCDB       CU MCDB Net             [30,DXW]
R*192.012.250.rrr   CU-AI         CU AI Consortium        [30,DXW]
R*192.012.251.rrr   CU-CHEMISTRY  CU Chemistry Net        [30,DXW]
R 192.012.252.rrr   LL-VENET1     Linclon Labs Venet1     [30,BC65]
R 192.012.253.rrr   LL-VENET2     Linclon Labs Venet2     [30,BC65]
R 192.012.254.rrr   LL-APOLLO     Linclon Labs Apollo     [30,BC65]
R 192.012.255.rrr   LL-ENET       Linclon Labs Enet       [30,BC65]
D 192.013.000.rrr-192.014.255.rrr DODIIS Subnetworks          [AY5]
C*192.015.000.rrr-192.015.255.rrr NBINET                      [WW2]
G 192.016.000.rrr-192.016.049.rrr LANLLAN               [30,JC11]
R 192.016.050.rrr-192.016.071.rrr RPI-LOCALNETS          [30,MS9]
R 192.016.072.rrr   UTCHPC        U.T. System CHPC        [30,WCB3]
R 192.016.073.rrr   UTDALLAS      U.T. Dallas             [30,WCB3]
R 192.016.074.rrr   UTABRC        U.T. Austin BRC         [30,WCB3]
C*192.016.075.rrr-192.016.122.rrr CSC-BLOCK              [30,GXG]
R*192.016.123.rrr-192.016.154.rrr Swedish Network            [BXE]
R*192.016.155.rrr-192.016.166.rrr CERN-Block                 [BXS]
R 192.016.167.rrr   YALE-HP-NET   YALE-HP-NET              [RC77]
D 192.016.168.rrr   PICANET3      Picatinny 3              [RFD1]
D 192.016.169.rrr   NRL-HUBNET    Experimental Hubnet       [MPM]
C 192.016.170.rrr   TWG-DEMO-NET  TWG Net for Demos        [JXS1]
R 192.016.171.rrr   MACOM         M/A-COM Net               [JXA]
C*192.016.172.rrr   EIK-ENG       Eikonix Eng'rg Net        [SXW]
D 192.016.173.rrr   CDA-LAN       Catalog Data Act LAN     [FJS3]
R 192.016.174.rrr   LL-MICRO-NET  LL Microelectronics Net   [GLD]
R 192.016.175.rrr   GUACC         GU Academic Net          [SXA1]
R 192.016.176.rrr   LSUNET        LSU Campus Ethernet       [CXB]
R 192.016.177.rrr   UABSURA       Univ Ala at Bham          [LXM]
R*192.016.178.rrr   NTT-Y-ETHER   NTT-Y-ETHER               [RXN]
R*192.016.179.rrr   NTT-Y-APOLLO  NTT-Y-APOLLO              [RXN]
R 192.016.180.rrr   AMS           Amer. Math Society       [SXW1]
R 192.016.181.rrr   LL-DSN-NET    LL Dist Sensor Net        [GAA]
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R*192.016.182.rrr   GTICS-SUNS     GT ICS Faculty Suns          [GXS]
R*192.016.183.rrr-192.016.202.rrr  WCW-LAN                       [JA]
R*192.016.203.rrr   HCSC-SUN       Honeywell CSC SUN           [TRG4]
R 192.016.204.rrr   IASNET         Inst for Adv Study           [KXJ]
  192.016.205.rrr-192.016.255.rrr  Unassigned                   [NIC]
R*192.017.000.rrr-192.017.255.rrr  NIBELUNG                     [MXA]
C*192.018.000.rrr-192.018.255.rrr  SUN Microsystems, Inc.       [BN4]
C*192.019.000.rrr-192.019.255.rrr  SYSNET-2                     [EXY]
C*192.020.000.rrr-192.020.255.rrr  ATT-MD-NET              [30,MH12]
C*192.021.000.rrr-192.021.255.rrr  FORMATIVE                  [SXB1]
C*192.022.000.rrr-192.022.255.rrr  APPLICON                   [AXS1]
C*192.023.000.rrr-192.023.255.rrr  FACTNET                     [JXB]
C*192.024.000.rrr-192.024.255.rrr  CHROMATICS                 [RXB2]
R*192.025.000.rrr-192.024.255.rrr  Hewlett Packard             [SXI]
D*192.026.000.rrr   ACSAD          ACSAD Network               [SXH]
R 192.026.001.rrr   MCC-DB1-NET    MCC DB1 Network             [CBD]
R 192.026.002.rrr   MCC-DB2-NET    MCC DB2 Network             [CBD]
R 192.026.003.rrr   MCC-DB3-NET    MCC DB3 Network             [CBD]
R 192.026.004.rrr   MCC-DB4-NET    MCC DB4 Network             [CBD]
R 192.026.005.rrr   MCC-DB5-NET    MCC DB5 Network             [CBD]
R 192.026.006.rrr   MCC-DB6-NET    MCC DB6 Network             [CBD]
R 192.026.007.rrr   SPAWAR         SPARWAR Systems Command     [JK7]
D 192.026.008.rrr   SAIC-CPVB      SAIC-CPVB                   [MXW]
R*192.026.009.rrr   ICOT           ICOT Local Network          [SXT]
R 192.026.010.rrr   GALLAUDET      GALLAUDET UNIVERSITY        [KXC]
D 192.026.011.rrr   NRL-HUBNET1    Experimental Hubnet 1       [MPM]
D 192.026.012.rrr   NRL-HUBNET2    Experimental Hubnet 2       [MPM]
D 192.026.013.rrr   NRL-HUBNET3    Experimental Hubnet 3       [MPM]
D 192.026.014.rrr   NRL-HUBNET4    Experimental Hubnet 4       [MPM]
D 192.026.015.rrr   NRL-HUBNET5    Experimental Hubnet 5       [MPM]
D 192.026.016.rrr   NRL-HUBNET6    Experimental Hubnet 6       [MPM]
D 192.026.017.rrr   NRL-HUBNET7    Experimental Hubnet 7       [MPM]
D 192.026.018.rrr   NRL-HUBNET8    Experimental Hubnet 8       [MPM]
D 192.026.019.rrr   NRL-HUBNET9    Experimental Hubnet 9       [MPM]
R*192.026.020.rrr   NJIT-NET       NJIT-SUPERCOMPUTER          [BXC]
R 192.026.021.rrr   SDC-PRC-SW     SDC/PAOLI SOFT TECH        [MXS2]
R 192.026.022.rrr   SDC-PRC-LBS    SDC/PAOLI ARTIF INT        [MXS2]
R 192.026.023.rrr   SDC-PRC-SA     SDC/PAOLI SYS ARCH         [MXS2]
R 192.026.024.rrr   SDC-PRC-CR     SDC/PAOLI COMP RES         [MXS2]
R 192.026.025.rrr   LUCID          Lucid Network               [BXM]
D 192.026.026.rrr   NRL-FIBER      NRL Fiber Optic Net         [WF3]
R 192.026.027.rrr   ROCKEFELLER    ROCKEFELLER UNIV       [30,MK38]
R*192.026.028.rrr-192.026.047.rrr  EPFL                        [YXD]
R*192.026.048.rrr   DART-ETHER     Dartmouth Ethernet          [SXC]
R*192.026.049.rrr   DUNET          U of Denver Network        [BXS3]
C*192.026.050.rrr-192.026.082.rrr  Silicon Graphics Inc        [RXB]
R*192.026.083.rrr   CSM-NET        Colorado School of Mines    [RXW]
R 192.026.084.rrr   NPRDC-FTC      NPRDC-FTC Remote Ethernet   [LRB]
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      R 192.026.085.rrr   NUSAN          NU Supercomp Access Net   [EEW6]
      R 192.026.086.rrr   PHYSICS-SAC    NU Physics                [EEW6]
      R 192.026.087.rrr   MS-SAC         NU Material Science SAC   [EEW6]
      R 192.026.088.rrr   YALE-ENG-NET   YALE-ENG-NET               [LFO]
      D 192.026.089.rrr   JTELS-BEN1-GW  JTELS-BEN1-GW             [RR26]
      C*192.026.090.rrr   SYNTELNET-A    Syntelligence IPNET-A      [RXR]
      R*192.026.091.rrr   KDD            KDD Research Net           [TXA]
      R*192.026.092.rrr   WRIGHT         Wright State University    [JXS]
      R*192.026.093.rrr   AECL-NET       NTT Atsugi Lab Net         [TXK]
      R*192.026.094.rrr   NTT-AP-NET     NTT ECL Appolo Net         [HXM]
      R 192.026.095.rrr   LL-VLSI-NET    Lincoln Lab VLSI Net       [AHA]
      R*192.026.096.rrr   FX-NTC-NET2    FX-Tokyo-10BM-Net2         [SXY]
      C*192.026.097.rrr   RCA-SNOOPY     Peanut Net                [RXR1]
      C*192.026.098.rrr   TASC-CTC-NET   TASC Reading CTC Net      [RXR2]
      C 192.026.099.rrr   FAI            FAI Local Net            [MWS10]
      C 192.026.100.rrr   PROTEON-EXP1   Proteon Exp Net 1         [JS28]
      C 192.026.101.rrr   PROTEON-EXP2   Proteon Exp Net 2         [JS28]
      C 192.026.102.rrr   PROTEON-EXP3   Proteon Exp Net 3         [JS28]
      D 192.026.103.rrr   EXNET          CECOM Exp Net             [MB31]
      R*192.026.104.rrr-192.026.135.rrr FINLAND                     [JXH]
      R*192.026.136.rrr   UW-TEMP        Univ. of Washington       [RA17]
      R 192.026.137.rrr-192.026.146.rrr SYR-MH-NET                  [JXW]
      R 192.026.147.rrr   WLV-ETHER      ETN-WLV-ETHER             [SMS1]
      R 192.026.148.rrr   UMDNJ-NRAC     UMDNJ-NRAC NJMS            [LXM]
      R 192.026.149.rrr   LL43-LEX-SUNC  Grp43 Lexington Net C      [VXK]
      R 192.026.150.rrr   LL43-TB-SUNA   Grp43 Testbed Net A        [VXK]
      C*192.026.151.rrr   LATICORP       LatiCorp Net               [CXC]
        192.026.152.rrr-192.026.255.rrr Unassigned                  [NIC]
      C*192.027.000.rrr-192.027.255.rrr Hughes Aircraft VLSI       [PXH1]
      C*192.028.000.rrr-192.028.099.rrr MMM                         [LXS]
        192.028.100.rrr-192.028.255.rrr Unassigned                  [NIC]
      C*192.029.000.rrr-192.029.255.rrr SUN-NET                     [BN4]
        192.030.000.rrr-223.255.254.rrr Unassigned                  [NIC]
        223.255.255.rrr                 Reserved                    [JBP]
```

Other Reserved Internet Addresses

```
      * Internet Address  Name          Network              References
      - ----------------  ----          -------              ----------
        224.000.000.000-239.255.255.255 Multicast              [10,JBP]
        240.000.000.000-255.255.255.255 Reserved                  [JBP]
```

Network Totals

Assigned for the ARPA-Internet and the DDN-Internet

Class	A	B	C	Total
Research	13	109	804	926
Defense	9	20	50	79
Government	1	15	98	114
Commercial	3	5	10	18
Total	26	149	962	1137

Allocated for Internet and Independent Uses

Class	A	B	C	Total
Research	14	134	1796	1944
Defense	9	21	52	82
Government	1	17	99	117
Commercial	3	16	4372	4391
Total	27	188	6319	6534

Maximum Allowed

Class	A	B	C	Total
Research	8	1024	65536	66568
Defense	24	3072	458752	461848
Government	24	3072	458752	461848
Commercial	74	9214	1114137	1123394
Total	126	16382	2097150	2113658

AUTONOMOUS SYSTEM NUMBERS

The Exterior Gateway Protocol (EGP) [25,27] specifies that groups of gateways may form autonomous systems. The EGP provides a 16-bit field for identifying such systems. The values of this field are registered here.

Autonomous System Numbers:

Decimal	Name	References
0	Reserved	[JBP]
1	The BBN Core Gateways	[MB]
2	DCN-AS	[DLM1]
3	The MIT Gateways	[LM8]
4	ISI-AS	[JKR1]
5	Symbolics	[CH2]
6	HIS-Multics	[JLM23]
7	UK-MOD	[RNM1]
8	RICE-AS	[PGM]
9	CMU-ROUTER	[MA]
10	CSNET-PDN-AS	[RDR4]
11	HARVARD	[SB28]
12	NYU-DOMAIN	[EF5]
13	BRL-AS	[RBN1]
14	COLUMBIA-GW	[BC14]
15	NET DYNAMICS EXP	[ZSU]
16	LBL	[WG]
17	PURDUE-CS	[KCS1]
18	UTEXAS	[JBC2]
19	CSS-DOMAIN	[RR2]
20	UR	[LB16]
21	RAND	[JDG]
22	NOSC	[RLB3]
23	RIACS-AS	[DG28]
24	AMES-NAS-GW	[MF31]
25	UCB	[MK17]
26	CORNELL	[BN9]
27	UMDNET	[JWO1]
28	DFVLR-SYS	[GB7]
29	YALE-AS	[JG46]
30	SRI-AICNET	[PM4]
31	CIT-CS	[AD22]
32	STANFORD	[PA5]
33	DEC-WRL-AS	[RKJ2]
34	UDEL-EECIS	[NMM]
35	MICATON	[WDL]
36	EGP-TESTOR	[BP17]

37	NSWC	[MXP1]
38	UIUC	[AKC]
39	NRL-ITD	[AP]
40	MIT-TEST	[NC3]
41	AMES	[MSM1]
42	THINK-AS	[BJN1]
43	BNL-AS	[GC]
44	S1-DOMAIN	[LWR]
45	LLL-TIS-AS	[NAL]
46	RUTGERS	[RM8]
47	USC-OBERON	[DRS4]
48	NRL-AS	[WF3]
49	ICST-AS	[JCN2]
50	ORNL-MSRNET	[THD]
51	USAREUR-EM-AS	[WXD]
52	UCLA	[BXL]
53	NORTHROP-AS	[RSM1]
54	COA-FIN-NET	[RR26]
55	UPENN-CIS	[IW5]
56	OPTIMIS-P	[JXL]
57	UMN-REI-UC	[HWB]
58	DREA-AS	[GLH5]
59	WISC-MADISON-AS	[EJN1]
60	DARPA-BFLY	[MB]
61	DEC-MARLBORO-AS	[WM3]
62	TEKVAXC	[TE2]
63	LL-MI	[RTL]
64	MITRE-B-AS	[BSW]
65	LOGNET-AS	[JR15]
66	ETL-AI	[MMM3]
67	SDC-PRC-AS	[MXS2]
68	LANL-INET-AS	[JC11]
69	WHARTON-AS	[GBR]
70	NLM-GW	[JA1]
71	SU-TEST	[KSL]
72	SPAR-AS	[RXB]
73	WASHINGTON-AS	[RA17]
74	XDRENET-AS	[JR17]
75	ANL-AS	[LW26]
76	SDC-CAM-AS	[DSR]
77	JHUAPL-AS	[SAK3]
78	SSDF-CDC-GW	[RE22]
79	DSPO-HC-AS	[BT5]
80	GE-CRD	[JC106]
81	TUCC-MCNC	[JXR]
82	TWG-DEMO-AS	[JXS1]
83	PICANET-AS	[RFD1]
84	DTNSRDC-AS1	[RWT2]

85	AERO-NET	[LCN]
86	SURANET-AS	[JXH1]
87	INDIANA-AS	[BXS1]
88	PRINCETON-AS	[LXR]
89	NUSC-CSTLNET-AS	[MP20]
90	SUN-AS	[WM3]
91	RPI-AS	[MS9]
92	CLARKSON-AS	[JXH]
93	FORD-AS	[KR9]
94	BELVOIR-NET	[DXH]
95	NUSCLSB1	[RPP]
96	JTELS-BEN1-AS	[RR26]
97	JVNC-AS	[SH37]
98	ROCKEFELLER-AS	[MK38]
99	INTEL-IWARP	[WXM]
100	FMC-CEL	[BXL1]
101-65534	Unassigned	[NIC]
65535	Reserved	[JBP]

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APPENDIX A

The network numbers in class A, B, and C network addresses are allocated among Research, Defense, Government (Non-Defense) and Commercial uses.

Class A (highest-order bit 0)

Research allocation:	8
Defense allocation:	24
Government allocation:	24
Commercial allocation:	94
Reserved Addresses:	(0, 127)
Total	128

Class B (highest-order bits 1-0)

Research allocation:	1024
Defense allocation:	3072
Government allocation:	3072
Commercial allocation:	12286
Reserved Addresses:	(0, 16383)
Total	16384

Class C (highest-order bits 1-1-0)

Research allocation:	65536
Defense allocation:	458725
Government allocation:	458725
Commercial allocation:	1572862
Reserved Addresses:	(0, 2097151)
Total	2097152

Class D (highest-order bits 1-1-1-0)

All addresses in this class are allocated for multicast use.

Class E (highest-order bits 1-1-1-1)

All addresses in this class are reserved for future use.

Experimental networks which later become operational need not be renumbered. Rather, the identifiers could be moved from Research to Defense, Government or Commercial status. Thus, network identifiers may change state among Research, Defense, Government and Commercial, but the number of identifiers allocated to each use must remain within the limits indicated above. To make possible this fluid assignment, the network identifier spaces are not allocated by simple partition, but rather by specific assignment.

Also, organizations not currently affiliated with the Internet may be assigned numbers for networks for non-connected service. If at some later time such networks are connecteed to the Internet (with appropriate prermissions and approvals) the networks need not be renumbered.