

Network Working Group
Request for Comments: 1020
Obsoletes RFCs: 997, 990, 960, 943,
923, 900, 870, 820, 790, 776, 770, 762,
758, 755, 750, 739, 604, 503, 433, 349
Obsoletes IENs: 127, 117, 93

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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

The responsibility for the assignment of IP numbers and ASNs has been assumed by Hostmaster at the DDN Network Information Center (NIC). The Hostmaster staff are indebted to Dr. Jon Postel and Ms. Joyce Reynolds of the Information Sciences Institute at the University of Southern California for their ongoing assistance.

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.

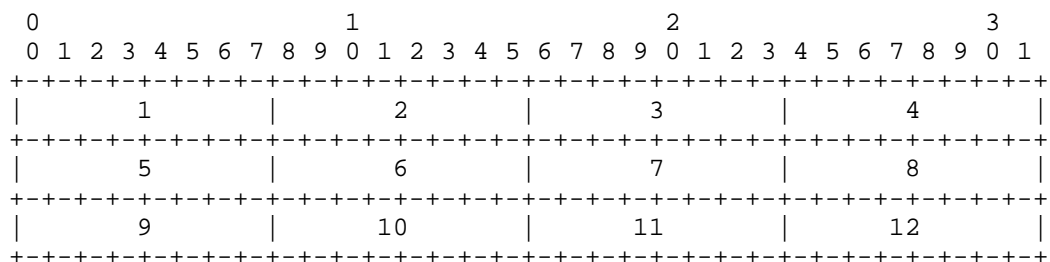
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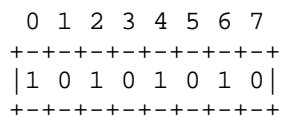
Most of the protocols used in the Internet are documented in the RFC series of notes. Some of the items listed are undocumented. Further information on protocols can be found in the memo "Official Internet Protocols" [32]. The more prominent and more generally used are documented in the "DDN Protocol Handbook" [12] prepared by the NIC. Other collections of older or obsolete protocols are contained in the "Internet Protocol Transition Workbook" [13], or in the "ARPANET Protocol Transition Handbook" [14]. For further information on ordering the complete 1985 DDN Protocol Handbook, contact the Hostmaster.

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.

```

          1                2                3
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
+-----+-----+-----+-----+-----+-----+-----+-----+
0|  NETWORK  |                               Local Address  |
+-----+-----+-----+-----+-----+-----+-----+-----+

```

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.

```

          1                2                3
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
+-----+-----+-----+-----+-----+-----+-----+-----+
|1 0|                NETWORK                Local Address  |
+-----+-----+-----+-----+-----+-----+-----+-----+

```

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.

```

          1                2                3
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
+-----+-----+-----+-----+-----+-----+-----+-----+
|1 1 0|                NETWORK                Local Address  |
+-----+-----+-----+-----+-----+-----+-----+-----+

```

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.

```

          1               2               3
    0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
    +-----+-----+-----+-----+-----+-----+-----+-----+
    | 1 1 1 0 |                               multicast address       |
    +-----+-----+-----+-----+-----+-----+-----+-----+

```

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 categories 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.

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,JS283]
D 011.rrr.rrr.rrr	DODIIS	DoD INTEL INFO SYS	[AY5]
C 012.rrr.rrr.rrr	ATT	ATT, Bell Labs	[MH82]
C 013.rrr.rrr.rrr	XEROX-NET	XEROX Internet	[39,JNL1]
C 014.rrr.rrr.rrr	PDN	Public Data Network	[JS283]
R 015.rrr.rrr.rrr	HP-INTERNET	Hewlett-Packard-Internet	[13,WU1]
016.rrr.rrr.rrr-017.rrr.rrr.rrr		Unassigned	[NIC]
R 018.rrr.rrr.rrr	T MIT-TEMP	MIT Network	[7,31,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	[JM28]
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	[CL64]
032.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
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	[JMR]
040.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
R 041.rrr.rrr.rrr	BBN-TEST-A	BBN-GATE-TEST-A	[RH6]
R*042.rrr.rrr.rrr	CAN-INET	Canadian Research Net	[39,PAP4]
043.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
R 044.rrr.rrr.rrr	AMPRNET	Amateur Radio Experiment Net	[PK28]
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	[26,DLM1]
R 128.005.rrr.rrr	FORDNET	FORD DCNET	[26,DLM1]
R 128.006.rrr.rrr	RUTGERS	RUTGERS	[CLH3]
R 128.007.rrr.rrr	KRAUTNET	KRAUTNET	[GB7]
R 128.008.rrr.rrr	UMDNET	Univ of Maryland DCNET	[26,DLM1]
R 128.009.rrr.rrr	ISI-NET	USC-ISI Local Network	[CMR]
R 128.010.rrr.rrr	PURDUE-CS-EN	Purdue CS Ethernet	[39,DT50]
R 128.011.rrr.rrr	BBN-CRONUS	BBN DOS Project	[25,PK19]
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	SINET	LLL-SI-NET	[RAK12]
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	[JMR]
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	[VDC1]
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	[VDC1]
R 128.029.rrr.rrr	MITRE	MITRE Cablenet	[37,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	[RWH5]
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	[17,18,JLM23]
R 128.036.rrr.rrr	YALE-NET	YALE NET	[39,HML1]
D 128.037.rrr.rrr	YPG-NET	Yuma Proving Grounds	[4,BWA]
D 128.038.rrr.rrr	NSWC-NET	NSWC Local Host Net	[RFH2]
R 128.039.rrr.rrr	NTANET	NDRE-TIU	[PS27]
R 128.040.rrr.rrr	UCL-NET-A	UCL	[BAW9]
R 128.041.rrr.rrr	UCL-NET-B	UCL	[BAW9]
R 128.042.rrr.rrr	RICE-NET	Rice University	[39,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	[39,RKJ2]
R 128.046.rrr.rrr	PURDUE-NET	Purdue Campus Network	[DT50]
D 128.047.rrr.rrr	TACTNET	Tactical Packet Net	[3,KTP]
G 128.048.rrr.rrr	UCDLA-NET-B	UCDLA-Network-B	[4,CL64]
R 128.049.rrr.rrr	NOSC-ETHER	NOSC Ethernet	[39,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	[39,MDC]
R 128.053.rrr.rrr	SAC-PR-2	SAC PRNET Number 2	[VDC1]
R 128.054.rrr.rrr	UCSD	UC San Diego Network	[39,GH29]
R*128.055.rrr.rrr	MFENET	LLNL MFE Network	[36,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]
128.058.rrr.rrr	SPAR	Schlumberger PA Net	[39,SL10]
R 128.059.rrr.rrr	CU-NET	Columbia University	[39,BC14]
D 128.060.rrr.rrr	NRL-LAN	NRL Lab Area Net	[WF3]
R 128.061.rrr.rrr	GATECH	Georgia Tech	[39,DD11]
R 128.062.rrr.rrr	MCC-NET	MCC Corporate Net	[39,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	[39,CH2]
128.082.rrr.rrr	Unassigned	Unassigned	[NIC]
R 128.083.rrr.rrr	UTAUSTIN	U. Texas Austin	[39,JBC2]
R 128.084.rrr.rrr	CORNELL-NET	Cornell Backbone Net	[39,DK2]
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	[AG67]
128.089.rrr.rrr	BBN-ENET-TEMP	BBN ETHER NETWORK	[39,SGC]
C*128.090.rrr.rrr	ACS	Accent Systems Corp	[39,ERC1]
R 128.091.rrr.rrr	UPENN	UPenn Campus Network	[39,IW5]
R 128.092.rrr.rrr	INTELLINET	INTELLICORP NET	[39,DAVE]
R*128.093.rrr.rrr	INRIA-ROCQU	INRIA Rocquencourt	[MS171]
R*128.094.rrr.rrr	SYSNET	AT&T SYSNETWORK	[EY5]
R 128.095.rrr.rrr	WASHINGTON	Comp Sci Ether Net	[39,RA17]
C 128.096.rrr.rrr	BELLCORE-NET	BELLCORE-NET	[PK28]
R 128.097.rrr.rrr	UCLANET	UCLA Network	[RBW]
R 128.098.rrr.rrr	RSRE-EN2	RSRE-EXP-NET-2	[JW156]
C 128.099.rrr.rrr	NORTHROP-NET	Northrop Net	[39,RSM1]
R*128.100.rrr.rrr	TORONTO	U. of Toronto Net	[39,BD55]
R 128.101.rrr.rrr	UMN	Univ. of Minn.	[SB12]
G 128.102.rrr.rrr	AMES-NET	Ames Backbone Net.	[39,MSM1]
R 128.103.rrr.rrr	HARV-FIBER	Harvard FiberOp Ether	[39,SB28]
R 128.104.rrr.rrr	WISC-HERD	Univ. of Wisconsin	[39,EJN1]
R 128.105.rrr.rrr	WISC	Univ. of Wisconsin	[39,JB188]
D 128.106.rrr.rrr	SRI-PSO-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	[JRR14]
R 128.110.rrr.rrr	UTAH-NET	UTAH-CAMPUS-NET	[JL15]
R 128.111.rrr.rrr	UCSB	U of CA, Santa Barbara	[PKH1]
R 128.112.rrr.rrr	PRINCETON	Princeton University	[LRR1]
R 128.113.rrr.rrr	RPINET	RPI-LOCALNET	[MS9]
R 128.114.rrr.rrr	UCSC	U.C. Santa Cruz Net	[39,JHH8]
R 128.115.rrr.rrr	LLL-LABNET	LLNL Open Labnet	[BANDY]
R 128.116.rrr.rrr	USAN	UNIV SATELLITE NET	[39,BLI]
R 128.117.rrr.rrr	UCAR	UNIV CORP ATM RSCH	[39,BLI]
R 128.118.rrr.rrr	PENN-STATE	Penn State Network	[SJS11]
R 128.119.rrr.rrr	UMASS-CS	UMass COINS Dept LAN	[39,GW40]
R 128.120.rrr.rrr	UCDAVIS	U.C. Davis Network	[39,RH5]
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	[39,MSP1]
R 128.124.rrr.rrr	T NTA-TEMP	NTARE BF-TO-PDP11	[TM10]
R 128.125.rrr.rrr	USCNET	USC Campus Network	[39,MAB4]
R 128.126.rrr.rrr	SDC-PRC	SDC Paoli R&D Center	[39,MS22]
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	[RA62]
R*128.130.rrr.rrr	TUNET-T	TU Wien Terminal Net	[39,GP56]
R*128.131.rrr.rrr	TUNET-F	TU Wien File Net	[39,GP56]
G*128.132.rrr.rrr	RADC-LONS	RADC-LONS Net	[39,GG43]
G*128.133.rrr.rrr	AFSC-LONS	AFSC-LONS Net	[39,GG43]
R 128.134.rrr.rrr	SDN	System Dev Net	[5,6,HC2]
R 128.135.rrr.rrr	U-CHICAGO	UNIVERSITYOFCHICAGO	[39,MC17]
R 128.136.rrr.rrr	TEK-ALLNET	Teknowledge-Net	[39,TE16]
C*128.137.rrr.rrr	GENNET1	Genentech Corp Net	[39,SM96]
R 128.138.rrr.rrr	COLORADO	U Colorado Boulder	[39,RAJ8]
R 128.139.rrr.rrr	ILAN	Israel Academic Net	[39,DB35]
R 128.140.rrr.rrr	EMORY-INET	Emory Internet	[39,SA29]
R*128.141.rrr.rrr	CERN-ETHER	DD Main Ethernet	[39,BMS2]
R*128.142.rrr.rrr	CERN-TOKEN	DD Main IBM Token Ring	[39,BMS2]
R*128.143.rrr.rrr	VIRGINIA	Univ. of Virginia	[39,JAJ17]
R*128.144.rrr.rrr	ARC-CALGARY	Alta Research Calgary	[DK66]
R 128.145.rrr.rrr	NYSERNET	NYSERNET	[MS9]
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	[MR29]
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	[TM57]
C 128.152.rrr.rrr	HAC-ENET	Hughes Aircraft VLSI Net	[PH45]
R 128.153.rrr.rrr	CLARKSON	Clarkson University	[JCH17]
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]
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	[DB14]
R 128.163.rrr.rrr	UKY	Univ of Kentucky	[GB43]
R 128.164.rrr.rrr	GWU-GATE	George Washington U.	[TT35]
G 128.165.rrr.rrr	LANL-INET	LANL Inter-Network	[JC11]
D*128.166.rrr.rrr	BAC-NET	Boeing Aerospace Corp Net	[JJ48]
R 128.167.rrr.rrr	SURA	SURAnet	[JH92]
C 128.168.rrr.rrr	GOLDHILL	Gold-Hill-Computers	[GM34]
R 128.169.rrr.rrr	UTK	Univ Tenn-Knoxville	[JDC20]
R 128.170.rrr.rrr	SDC-CAM	SDC Camarillo R&D Net	[DSR]
R*128.171.rrr.rrr	HAWAII	Univ. of Hawaii	[BC32]
R 128.172.rrr.rrr	VCU-LAN	VCU-LAN	[JN40]
R 128.173.rrr.rrr	VA-TECH	Virginia Tech Net	[PB40]
R 128.174.rrr.rrr	UIUC-CAMPUS-B	UIUC Campus Network	[PP14]
R 128.175.rrr.rrr	UDELNET	U. of Delaware Network	[DJG2]
R*128.176.rrr.rrr	DMSWWU-ETHER	DMSWWU ETHERNET	[GR26]
C*128.177.rrr.rrr	BLI-NET	Britton Lee Network	[EPA]
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	[39,MM149]
C*128.181.rrr.rrr	TEKTRONIX	Tektronix Engineering	[JB218]
R 128.182.rrr.rrr	PSCNET	PSC Affiliates Net	[JTE2]
R 128.183.rrr.rrr	GSFC	GSFC NASA	[JB113]
R*128.184.rrr.rrr	DEAKINET	Deakinnet Univ Net	[JM303]
C 128.185.rrr.rrr	PROTEON-NET	Proteon Network	[JS28]
R 128.186.rrr.rrr	FSU	Florida State Univ	[KMH8]
R*128.187.rrr.rrr	BYU-NET	Brigham Young Net	[KCM2]
R*128.188.rrr.rrr	M2CNET	Mass VLSI/CAD Net	[SD1]
R*128.189.rrr.rrr	BCNET	British Columbia Net	[DO26]
G 128.190.rrr.rrr	BELVOIR-G/W	BRADec Subnet	[DH30]
C*128.191.rrr.rrr	NECIS-NET	NEC Info Systems Net	[DP71]
R 128.192.rrr.rrr	UGA	UGNET	[EHH4]
R 128.193.rrr.rrr	ORST	Oregon State Univ Net	[BA26]
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	[ALG4]
R 128.197.rrr.rrr	BU-NET	BU-NET	[BS24]
R 128.198.rrr.rrr	CU-COLOSPGS	CU-Colorado-Spgs-Net	[39,RDG12]
R*128.199.rrr.rrr	STC	STC PLC Company Net	[AM54]
R 128.200.rrr.rrr	UCI-NET	UCI Campus Network	[DW96]
R 128.201.rrr.rrr	REUNIR	Reseau des universites	[RN25]
D 128.202.rrr.rrr	CSOCNET	2 SW SPACENET LAN	[JJD12]

R*128.203.rrr.rrr	UB-INC	Ungermann-Bass Inc	[DXC]
R 128.204.rrr.rrr	ALBNYNET	U at Albany Net	[BEC1]
R 128.205.rrr.rrr	UBUFFALONET	UNIVOFBUFFALONET	[CFD4]
128.206.rrr.rrr	Unassigned	Unassigned	[NIC]
C*128.207.rrr.rrr	BOEING-PSN	Boeing-Puget Sound	[39,JSY2]
R 128.208.rrr.rrr	WASH-NSF	WASHINGTON-NSF	[39,SH47]
C 128.209.rrr.rrr	NYNEXSTNET	NYNEX Sci and Tech	[MC65]
R 128.210.rrr.rrr	PURDUE-CCNET	Purdue Computing Ctr	[39,JS81]
R 128.211.rrr.rrr	PURDUE-CS-CYP	CYPRESS-HUB-PURDUE	[DEC1]
C*128.212.rrr.rrr	ISCNET	ISC Corporate Network	[39,DM27]
R 128.213.rrr.rrr	RPICSNET	RPI CSNETWORK	[39,MS9]
R 128.214.rrr.rrr	FUNET	Finnish Univ Network	[39,JH141]
C*128.215.rrr.rrr	INTEL-NET	INTEL Engineering Network	[12,HC24]
R 128.216.rrr.rrr	CC-PRNET	CENTCOM Packet Radio Net	[39,GIH]
G*128.217.rrr.rrr	NASA-KSC-OIS	NASA-KSC-OIS	[39,GG43]
R 128.218.rrr.rrr	UCSF-NET	Univ of Calif, San Fran	[39,TF6]
R 128.219.rrr.rrr	ORNL-NETB1	ORNL Local Area Network	[24,THD]
R 128.220.rrr.rrr	JHU	Johns Hopkins Univ	[39,MH98]
R 128.221.rrr.rrr	DGPN1	Data General Priv Net 1	[39,PSS1]
C 128.222.rrr.rrr	DGPN2	Data General Priv Net 2	[39,PSS1]
R 128.223.rrr.rrr	UONET	Univ of Oregon Network	[39,DS85]
C*128.224.rrr.rrr	EPILOGUE	Epilogue Technology	[KA4]
C*128.225.rrr.rrr	BOEING-EN	Boeing-East Network	[39,JSY3]
R 128.226.rrr.rrr	BINGHAMTON	UNIVATBINGHAMTON	[39,RM120]
R 128.227.rrr.rrr	UFNET	Univ of Florida Net	[39,AW48]
R 128.228.rrr.rrr	CUNY	City Univ of New York	[39,SMP2]
R 128.229.rrr.rrr	ADSNET	Advanced Decision Sys Net	[39,MB26]
R 128.230.rrr.rrr	SYR-UNIV-NET	Syracuse Univ Network	[39,JW47]
G 128.231.rrr.rrr	NIH-NET	Natl Institutes of Health	[12,RF57]
R*128.232.rrr.rrr	CL-CAM-AC-UK	Univ of Cambridge Comp Lab	[39,MAJ1]
R*128.233.rrr.rrr	USASK	Univ of Saskatchewan Net	[39,LRC7]
R*128.234.rrr.rrr	COS-NET	COS Network	[39,AP25]
R 128.235.rrr.rrr	NJIT	NJIT Network	[39,BM79]
D 128.236.rrr.rrr	USAFA-NET	US Air Force Academy Net	[39,GEOFF]
R 128.237.rrr.rrr	CMU-SEI-NET	SEI Ethernet	[39,PDB5]
R 128.238.rrr.rrr	POLY-U-NET	Polytechnic Univ Net	[39,AMM14]
R 128.239.rrr.rrr	WM-NET	William and Mary Net	[39,SF34]
R 128.240.rrr.rrr	NCL	Newcastle Campus Net	[39,AL46]
R 128.241.rrr.rrr	SESQUINET	SESQUINET	[GTA]
R 128.242.rrr.rrr	MIDNET	Midwest Regional Network	[MM147]
R*128.243.rrr.rrr	NOTT-AC-UK	Univ of Nottingham Net	[39,WA16]
D 128.244.rrr.rrr	APL-NET	Applied Physics Lab Net	[39,SAK3]
R 128.245.rrr.rrr	SRA-CT-NET	SRA-CONNECTICUT-NET	[15,16,JSS4]
C*128.246.rrr.rrr	CGCH-WIRZ	WIRZ Scientific Net	[12,HN3]
C 128.247.rrr.rrr	TI	Texas Instruments	[DF71]
R 128.248.rrr.rrr	UIC-NET	Univ of Illinois-Chicago	[39,EZ3]
R 128.249.rrr.rrr	TMC-NET	Texas Medical Center Net	[39,SB98]
R*128.250.rrr.rrr	UNIMELB	University of Melbourne	[39,CC89]

C*128.251.rrr.rrr	ROCKW-TELEDA	Rockwell-Telecom	[39,JCW12]
R 128.252.rrr.rrr	WASHINGTON-U	Washington Univ Net	[21,DGH13]
R 128.253.rrr.rrr	CCS-NET	Cornell Univ Computer Net	[30,DC126]
R*128.254.rrr.rrr	FMC-NOD	FMC-NOD	[39,WCW7]
R 128.255.rrr.rrr	UIOWA	Univ of Iowa Campus Net	[LT28]
129.000.rrr.rrr		Reserved	[NIC]
R 129.001.rrr.rrr	BGSU	Bowling Green State Univ	[30,SH71]
R 129.002.rrr.rrr	UMD-BOGON-NET	UMD Student Network	[39,LAM1]
R*129.003.rrr.rrr	SUNY-OSWEGO-NET	State Univ NY - Oswego	[39,PRT2]
C 129.004.rrr.rrr	TRW	TRW Information Network	[39,GGB2]
R*129.005.rrr.rrr	HGCNET	HARTFORDGRADCTRNET	[38,AG61]
G 129.006.rrr.rrr	NBS	NBS Network	[39,CWH3]
R 129.007.rrr.rrr	UH-NET	Univ. of Houston Network	[39,JH155]
R*129.008.rrr.rrr	CSUFRESNO	CSUFresno CSci Net	[39,RP88]
C*129.009.rrr.rrr	CHRYSLER-NET	CHRYSLER-INTERNET	[30,RER20]
R*129.010.rrr.rrr	NORTHEASTERN	Northeastern Network	[39,CJ38]
R*129.011.rrr.rrr	LEEDS	Leeds University Network	[39,AJC11]
R*129.012.rrr.rrr	UKC	UKC Campus Net	[39,SL55]
R*129.013.rrr.rrr	LINK	Karlsruhe Network	[39,MR78]
C*129.014.rrr.rrr	SBINY	Salomon Brothers Inc.	[39,BC72]
R 129.015.rrr.rrr	UOKNOR	Univ of Okla, Norman	[JW136]
R*129.016.rrr.rrr	CTH-NET	Chalmers University	[GL41]
R*129.017.rrr.rrr	SSED-NET	Honeywell-SSED-NET	[DM147]
C*129.018.rrr.rrr	NEXT-NET	NeXT Inc. Network	[39,PFK]
R 129.019.rrr.rrr	WESTNET	Western Regional Net	[39,DCMW]
R*129.020.rrr.rrr	VERDUR	Universite de Rennes	[RN25]
R*129.021.rrr.rrr	RIT	Rochester Inst of Tech	[39,CF35]
R*129.022.rrr.rrr	CWRUNET	CWRU Campus Network	[39,JAG3]
R 129.023.rrr.rrr	SDIO-INTERNET	SDIO Wide Area Internet	[39,KDZ]
R 129.024.rrr.rrr	UNMNNET	Univ. of New Mexico Network	[39,KDZ]
R 129.025.rrr.rrr	DREXEL	DREXEL UNIVERSITY	[39,RR97]
R*129.026.rrr.rrr	GMD-DE	GMD Net	[39,PM72]
R*129.027.rrr.rrr	WEDGE-NET	Wedge Computer Net	[DTH]
C*129.028.rrr.rrr	ETA-LAN	ETA-LAN St. Paul	[2,DMK16]
D 129.029.rrr.rrr	WESTPOINTNET	U.S. Army West Point	[39,BAT4]
C 129.030.rrr.rrr	HONEYWELL	HONEYWELL INC NETWORK	[39,DB97]
R*129.031.rrr.rrr	ICNET	IC Campus Net	[39,LM88]
R 129.032.rrr.rrr	TEMPLE	Temple Univ Network	[29,39,TES16]
R 129.033.rrr.rrr-129.042.rrr.rrr		IBM Research Network	[MT1]
R 129.043.rrr.rrr	NCI-FCRF	Frederick Cancer Net	[39,WLB5]
C*129.044.rrr.rrr	NYTEL1095NET	NYTEL1095NET	[39,HT12]
C*129.045.rrr.rrr	NYTELNOCNET1	NYTELNOCNET1	[39,JO54]
C 129.046.rrr.rrr	QUALNET	QUALCOMM Ethernet	[39,TM37]
C*129.047.rrr.rrr	SYTEK-INC	Sytek Corporation	[AB90]
D 129.048.rrr.rrr	WPAFB-CDS-GW	WPAFB-CDS-GATEWAY	[39,CMC6]
129.049.rrr.rrr-191.254.rrr.rrr		Unassigned	[NIC]
191.255.rrr.rrr		Reserved	[JBP]

Class C Networks

* Internet Address	Name	Network	References
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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	[39,PK28]
R 192.005.001.rrr	CISLHYPERNET	Honeywell	[JLM23]
R*192.005.002.rrr	UF-NET-A	UF-CIS Dept Ether	[AW48]
C 192.005.003.rrr	HP-DESIGN-AIDS	HP Design Aids	[AG67]
C 192.005.004.rrr	HP-TCG-UNIX	Hewlett Packard TCG Unix	[AG67]
R 192.005.005.rrr	DEC-MRNET	DEC Marlboro Ethernet	[39,JM60]
R 192.005.006.rrr	DEC-MRRAD	DEC Marlboro Developmt	[39,JM60]
R 192.005.007.rrr	CIT-CS-NET	Caltech-CS-Net	[41,DSW]
R 192.005.008.rrr	MACOMNET	MACOM Network	[SB90]
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	[39,FAS]
R 192.005.014.rrr	RAND-NET	RAND Network	[39,JDG]
R 192.005.015.rrr	T NYU-NET-TEMP	NYU Network	[EF5]
R 192.005.016.rrr	LANLLAND	Los Alamos Dev LAN	[39,JC11]
R 192.005.017.rrr	NRL-NET	Naval Research Lab	[AP]
R 192.005.018.rrr	IPTO-NET	ARPA-IPTO Office Net	[JS283]
R 192.005.019.rrr	UCIICS	UCI-ICS Res Net	[MTR]
R 192.005.020.rrr	CISLTYYNET	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	NSRDCA-NET	NSRDC Office Auto Net	[RWT2]
D 192.005.027.rrr	DTNSRDC-NET	DTNSRDC-NET	[RWT2]
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	[PN23]
R 192.005.032.rrr	CISLTESTNET2	Honeywell	[17,18,JLM23]
R 192.005.033.rrr	CISLTESTNET3	Honeywell	[17,18,JLM23]
R 192.005.034.rrr	CISLTESTNET4	Honeywell	[17,18,JLM23]
R 192.005.035.rrr	RIACS	USRA	[39,WPJ]
R 192.005.036.rrr	CORNELL-CS	CORNELL CS Research	[39,DK2]
R 192.005.037.rrr	UR-CS-NET	U of R CS 3Mb Net	[39,LB16]
R 192.005.038.rrr	SRI-C3ETHER	SRI-AITAD C3ETHERNET	[39,VDC1]
R 192.005.039.rrr	UDEL-EECIS	Udel EECIS LAN	[39,DJG2]
R 192.005.040.rrr	PUCC-NET-A	PURDUE Comp Cntr Net	[JRS8]
D 192.005.041.rrr	WISLAN	WIS Research LAN	[39,JRM1]
D 192.005.042.rrr	HYPER-1ISG	AFDSC Hypernet	[MCA1]
R 192.005.043.rrr	CUCSNET	Columbia CS Net	[39,BC14]
R 192.005.044.rrr	FARBER-PC-NET	Farber PC Network	[DJF]
R 192.005.045.rrr	AIDS-NET	AI&DS Network	[39,KFD]
R 192.005.046.rrr	NTA-RING	NDRE-RING	[PS27]
R 192.005.047.rrr	NSRDC	NSRDC	[RWT2]
R 192.005.048.rrr	PURDUE-CS-NET	Purdue CS ProNET	[DT50]
192.005.049.rrr	Unassigned	Unassigned	[NIC]
R 192.005.050.rrr	CTH-CS-NET	Chalmers CSN Net	[39,UB3]
R 192.005.051.rrr	THEORYNET	Cornell Theory Center	[39,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	[39,LB16]
R 192.005.054.rrr	AERO-A6	Aerospace	[1,LCN]
R 192.005.055.rrr	UCLA-CECS	UCLA-CECS Network	[39,RBW]
C 192.005.056.rrr	TARTAN-NET	Tartan Labs	[ED38]
R 192.005.057.rrr	UDEL-CC	UDEL Comp Center	[39,RR18]
R 192.005.058.rrr	CSNET-PDN	CSNET X.25 Network	[22,RDR4]
R*192.005.059.rrr	INRIA-SM90	Inria GIP SM-90	[MS171]
R*192.005.060.rrr	SM90-X1	Inria SM-90 exp. 1	[MS171]
R*192.005.061.rrr	SM90-X2	Inria SM-90 exp. 2	[MS171]
R*192.005.062.rrr	LITP-SM90	LITP SM-90	[MS171]
R 192.005.063.rrr	ENCORE	Encore-Marlboro	[IRN]
R 192.005.064.rrr	AMES-NAS-NET	NASA ARC NAS LAN	[39,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	[39,GIH]
R 192.005.068.rrr	AERO-130	AEROSPACE-130	[LCN]
R 192.005.069.rrr	UIUC-NET	Univ of IL at Urbana	[39,AKC]
G 192.005.070.rrr	CELAN	COINS Exper. LAN	[MMM25]
R 192.005.071.rrr	SAC-ETHER	SAC C3 Ethernet	[39,VDC1]
R*192.005.072.rrr	U CHICAGO	U Chicago	[MC17]
R 192.005.073.rrr	UOFCHICAGO	U Chicago	[MC17]
R*192.005.074.rrr-192.005.087.rrr		U Chicago	[MC17]
R 192.005.088.rrr	YALE-EE-NET	YALE-EE-NET	[39,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	[10,20,GG11]

R 192.005.092.rrr	BRAGG-ETHER	SRI Bragg Ether	[39,GIH]
R 192.005.093.rrr	SRI-DEMO	SRI Ether Demo	[39,GIH]
R*192.005.094.rrr	SDCRDCF-10MB	SDC R&D primary net	[39,DJV1]
R*192.005.095.rrr	SDCRDCF-3MB	SDC R&D old net	[39,DJV1]
R*192.005.096.rrr	UBC-CS-NET	UBC Comp Sci Net	[39,PB67]
R*192.005.097.rrr	UCLA-CS-LNI	UCLA CS LNI Network	[RBW]
R*192.005.098.rrr	UCLA-PIC	UCLA PIC Network	[39,RBW]
R 192.005.099.rrr	SPACENET	S-1 Workstation Net.	[39,TW51]
R*192.005.100.rrr	HCSC-NET	Honeywell CSC Net	[39,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	[SMF5]
R 192.005.104.rrr	THINK-INET	Thinking Machines	[39,BJN1]
R 192.005.105.rrr	CCA-POND	CCA Ethernet1 (POND)	[42,AL6]
C*192.005.106.rrr	BITSTREAM	Bitstream Type Foundry	[39,PGA1]
R*192.005.107.rrr	PASC-ETHER	IBM PASC Ethernet	[39,GAL5]
R*192.005.108.rrr	PASC-BB	IBM PASC Broadband	[20,GAL5]
R*192.005.109.rrr	CWR-JCC-T	ARJCC TOPS-20 NET	[39,JAG3]
R*192.005.110.rrr	CWR-JCC-L	ARJCC LOCAL NET	[39,JAG3]
*192.005.111.rrr	CWR-QUAD	Campus QUAD NET	[39,JAG3]
R*192.005.112.rrr	CWR-CAISR	CAISR LOCAL NET	[39,JAG3]
R*192.005.113.rrr	CWR-CES	CES LOCAL NET	[JAG3]
C*192.005.114.rrr	I2-RING-1	INTERMETRICS PRONET	[39,NH2]
C*192.005.115.rrr	I2-ETHER-1	INTERMETRICS ETHER	[39,NH2]
R 192.005.116.rrr	BRAGGNET-1	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.117.rrr	BRAGGNET-2	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.118.rrr	BRAGGNET-3	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.119.rrr	BRAGGNET-4	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.120.rrr	BRAGGNET-5	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.121.rrr	BRAGGNET-6	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.122.rrr	BRAGGNET-7	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.123.rrr	BRAGGNET-8	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.124.rrr	BRAGGNET-9	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.125.rrr	BRAGGNET-10	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.126.rrr	BRAGGNET-11	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.127.rrr	BRAGGNET-12	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.128.rrr	BRAGGNET-13	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.129.rrr	BRAGGNET-14	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.130.rrr	BRAGGNET-15	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.131.rrr	BRAGGNET-16	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.132.rrr	BRAGGNET-17	BRAGG/ADDCOMPE	[39,BG25]
R*192.005.133.rrr	PERCEPT-AI	Perceptrons	[KC8]
C*192.005.134.rrr	I2-ETHER-2	Intermetrics	[39,NH2]
R 192.005.135.rrr	LL-SPEECH-NET	LL Speech Net	[39,RH60]
R 192.005.136.rrr	LL43-LEX-BACK	Lincoln G43-LEX-BACK	[39,BC65]
R 192.005.137.rrr	LL43-LEX-SUNA	Lincoln G43-LEX-SUNA	[39,BC65]
R 192.005.138.rrr	LL43-LEX-SUNB	Lincoln G43-LEX-SUNB	[39,BC65]
R 192.005.139.rrr	LL43-LEX-APO	Lincoln G43-LEX-APO	[39,BC65]

R 192.005.140.rrr	LL43-TB-BACK	Lincoln G43-TB-BACK	[39,BC65]
R 192.005.141.rrr	LL43-TB-APO	Lincoln G43-TB-APO	[39,BC65]
R*192.005.142.rrr	CCVR	CCVR Network	[39,RD91]
R 192.005.143.rrr	NWU	NORTHWESTERN	[AS62]
R 192.005.144.rrr	CRE-NET	CANADA-CRC-ETHERNET	[JR17]
R 192.005.145.rrr	ECRC-SL	ECRC-SL Net	[PD39]
R 192.005.146.rrr	CPW-PSC	Pittsburgh SC Center	[ML62]
R 192.005.147.rrr	ALV-ETHER	MMDAALVVAX	[LJR5]
R 192.005.148.rrr	DISE	Dist Sys Eval Envir	[RHS16]
R 192.005.149.rrr	RDL-ETHER	RDL	[39,MS172]
G*192.005.150.rrr	SP-ACE-NET	Sperry Space Sys Net	[39,JM304]
R 192.005.151.rrr	PENN-STATE-1	Penn State Network	[SJS11]
R 192.005.152.rrr	PENN-STATE-2	Penn State Network	[SJS11]
R 192.005.153.rrr	PENN-STATE-3	Penn State Network	[SJS11]
R 192.005.154.rrr	PENN-STATE-4	Penn State Network	[SJS11]
R 192.005.155.rrr	PENN-STATE-5	Penn State Network	[SJS11]
R 192.005.156.rrr	PENN-STATE-6	Penn State Network	[SJS11]
R 192.005.157.rrr	PENN-STATE-7	Penn State Network	[SJS11]
R 192.005.158.rrr	PENN-STATE-8	Penn State Network	[SJS11]
R 192.005.159.rrr	PENN-STATE-9	Penn State Network	[SJS11]
R 192.005.160.rrr	PENN-STATE-10	Penn State Network	[SJS11]
R 192.005.161.rrr	PENN-STATE-11	Penn State Network	[SJS11]
R 192.005.162.rrr	PENN-STATE-12	Penn State Network	[SJS11]
C*192.005.163.rrr	I2-SPDNET-1	I2 SPD Ethernet	[39,NH2]
C 192.005.164.rrr	GTEECN	GTE Eng Net	[39,JEE4]
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	[39,CBD]
R 192.005.168.rrr	MCC-CAD2-NET	MCC CAD2 Subnet	[39,CBD]
R 192.005.169.rrr	MCC-PKG-NET	MCC PKG Subnet	[39,CBD]
G 192.005.170.rrr	ANLNET1	Argonne Network	[39,LW26]
G 192.005.171.rrr	ANLNET2	Argonne Network	[39,LW26]
G 192.005.172.rrr	ANLNET3	Argonne Network	[39,LW26]
G 192.005.173.rrr	ANLNET4	Argonne Network	[39,LW26]
G 192.005.174.rrr	ANLNET5	Argonne Network	[39,LW26]
G 192.005.175.rrr	ANLNET6	Argonne Network	[39,LW26]
G 192.005.176.rrr	ANLNET7	Argonne Network	[39,LW26]
G 192.005.177.rrr	ANLNET8	Argonne Network	[39,LW26]
G 192.005.178.rrr	ANLNET9	Argonne Network	[39,LW26]
G 192.005.179.rrr	ANLNET10	Argonne Network	[39,LW26]
G 192.005.180.rrr	ANLNET11	Argonne Network	[39,LW26]
G 192.005.181.rrr	ANLNET12	Argonne Network	[39,LW26]
G 192.005.182.rrr	ANLNET13	Argonne Network	[39,LW26]
G 192.005.183.rrr	ANLNET14	Argonne Network	[39,LW26]
G 192.005.184.rrr	ANLNET15	Argonne Network	[39,LW26]
G 192.005.185.rrr	ANLNET16	Argonne Network	[39,LW26]
G 192.005.186.rrr	ANLNET17	Argonne Network	[39,LW26]
G 192.005.187.rrr	ANLNET18	Argonne Network	[39,LW26]

G 192.005.188.rrr	ANLNET19	Argonne Network	[39,LW26]
G 192.005.189.rrr	ANLNET20	Argonne Network	[39,LW26]
G 192.005.190.rrr	ANLNET21	Argonne Network	[39,LW26]
G 192.005.191.rrr	ANLNET22	Argonne Network	[39,LW26]
G 192.005.192.rrr	ANLNET23	Argonne Network	[39,LW26]
G 192.005.193.rrr	ANLNET24	Argonne Network	[39,LW26]
G 192.005.194.rrr	ANLNET25	Argonne Network	[39,LW26]
G 192.005.195.rrr	ANLNET26	Argonne Network	[39,LW26]
G 192.005.196.rrr	ANLNET27	Argonne Network	[39,LW26]
G 192.005.197.rrr	ANLNET28	Argonne Network	[39,LW26]
G 192.005.198.rrr	ANLNET29	Argonne Network	[39,LW26]
G 192.005.199.rrr	ANLNET30	Argonne Network	[39,LW26]
G 192.005.200.rrr	ANLNET31	Argonne Network	[39,LW26]
G 192.005.201.rrr	ANLNET32	Argonne Network	[39,LW26]
R 192.005.202.rrr	FMC-CEL	FMC-CEL Host Net	[39,KW2]
R*192.005.203.rrr	OKSTATE-CS	Okla. St. CS Network	[39,MV24]
R 192.005.204.rrr	SKL-ENET	Canada_SKL_ethernet	[JR17]
R*192.005.205.rrr	ARC-CALGARY	Alta Research Calgary	[DK66]
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	[RE22]
G 192.005.210.rrr	ECSNET	Embedded Comp Sys Net	[CAL7]
R 192.005.211.rrr	INTEL-IWARP	Intel iWarp Net	[39,BT5]
R 192.005.212.rrr	T EMORY-INET4	Emory Internet 4	[SA29]
R 192.005.213.rrr	HARRIS	Harris-GSSNet	[DAT4]
C 192.005.214.rrr	DECUACNET	Decuac Network	[39,FMA1]
R 192.005.215.rrr	MASONNET	GMU Network	[39,TH15]
R*192.005.216.rrr	NTT-NET	NTT Research Lab Net	[39,YS10]
R 192.005.217.rrr	YALE-ZOO-NET	Yale Apollo Ed Net	[HML1]
R 192.005.218.rrr	ARINC-GW-NET	Yale Apollo Ed Net	[YN]
R 192.005.219.rrr	CLEMSON	Clemson Univ Comp Center	[DB28]
C 192.005.220.rrr	SCCNET	SPACECOM IP Network	[39,MJO4]
C*192.005.221.rrr	CSC-LONS	CSC-LONS Network	[39,GG43]
C*192.005.222.rrr	CSC-OIS	CSC-OIS Network	[39,GG43]
R*192.005.223.rrr	HWELL-RE	HWELL-RES-D-ENGRG	[39,PP36]
D*192.005.224.rrr	HAIC-NET	Hughes AI Center Net	[39,DMK18]
C*192.005.225.rrr-192.005.236.rrr	GE CALMA BLOCK		[39,TR38]
C*192.005.237.rrr	PRIME-AI	Prime AI CAD/CAM	[22,NSE]
C*192.005.238.rrr	PALLADIAN-1	Palladian-IN1	[CSTACY]
C*192.005.239.rrr	PALLADIAN-2	Palladian-RING	[CSTACY]
C*192.005.240.rrr	PALLADIAN-3	Palladian-IN2	[CSTACY]
R 192.005.241.rrr	USC-CYPRESS	USC Cypress Network	[9,DE6]
C*192.005.242.rrr	MOT-ASIC	Motorola Chandler LAN	[GW49]
C*192.005.243.rrr	MOT-MESA	Motorola Mesa LAN	[GW49]
C*192.005.244.rrr	MOT-DOVER	Motorola Dover LAN	[GW49]
C*192.005.245.rrr	MOT-PRICE	Motorola Prince Road LAN	[GW49]
C*192.005.246.rrr	MOT-PICO	Motorola Pico LAN	[GW49]

C*192.005.247.rrr	MOT-52ND	Motorola Semi MIS LAN	[GW49]
C*192.005.248.rrr	MOT-AUSTIN	Motorola Austin LAN	[GW49]
C*192.005.249.rrr	MOT-OAKHILL	Motorola Oakhill LAN	[GW49]
C*192.005.250.rrr	MOT-TELAVIV	Motorola Tel Aviv LAN	[GW49]
C*192.005.251.rrr	MOT-GENEVA	Motorola Geneva LAN	[GW49]
C*192.005.252.rrr	MOT-TOKYO	Motorola Tokyo LAN	[GW49]
*192.005.253.rrr	MOT-HONGKONG	Motorola Hongkong LAN	[GW49]
R*192.005.254.rrr	ANSA	ANSA Project	[39,DO27]
192.005.255.rrr	Unassigned	Unassigned	[NIC]
C*192.006.000.rrr-192.006.255.rrr		Hewlett Packard	[AG67]
C*192.007.000.rrr-192.007.255.rrr		Computer Consoles, Inc.	[RA11]
C*192.008.000.rrr-192.008.255.rrr		Spartacus Incorporated	[FJK2]
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	[39,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	[MH82]
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	[39,AMS1]
C*192.012.004.rrr	SCG-NET	Hughes SCG Net	[40,MKP2]
R 192.012.005.rrr	AIC-LISPMS	SRI-AIC-LispMachNet	[39,PM4]
R 192.012.006.rrr	NPS-C2	NPS-C2	[39,AW9]
R 192.012.007.rrr	T NYU-CS-ETHER	NYU CompSci Ethernet	[39,LOU]
D 192.012.008.rrr	PICANET1	Picatinny Arsenal LAN1	[39,RFD1]
R 192.012.009.rrr	T CADRE-NET	Decision Systems Lab	[SM6]
R 192.012.010.rrr	CORNELL-ENG	Cornell-Engineering	[39,DK2]
R 192.012.011.rrr	MIT-TEST	MIT Gateway TEST NET	[39,NC3]
G 192.012.012.rrr	NBS	NBS Network	[JCN2]
R 192.012.013.rrr	JHU-NET1	JHU-NET1	[39,MO14]
R 192.012.014.rrr	JHU-NET2	JHU-NET2	[39,MO14]
R 192.012.015.rrr	BROOKNET	BNL Brooknet III	[39,GC]
R 192.012.016.rrr	PRMNET	SRI-SURAN-EN	[39,BP17]
G 192.012.017.rrr	LLL-TIS-NET	LLL-TIS-NET	[39,40,NAL]
R 192.012.018.rrr	CIT-CS-10NET	Caltech 10Meg EtherNet	[41,AD22]
R 192.012.019.rrr	CIT-NET	Caltech Campus Net	[41,AD22]
R 192.012.020.rrr	CIT-SUN-NET	Caltech Sun Net	[41,AD22]
R 192.012.021.rrr	CIT-PHYSCOMP	Caltech Phys Comp Net	[41,AD22]
R 192.012.022.rrr	UTCSRES	UTCS Net Research	[39,JBC2]
R 192.012.023.rrr	UTCSTTY	UTCS TTY Kludgenet	[39,JBC2]
R 192.012.025.rrr	CSS-GRAMINAE	CSS Workstation Net	[19,RR2]
R 192.012.026.rrr	NOSC-NETR	Net-R Testbed at BBN	[34,CP10]
R 192.012.027.rrr	UR-LASER	UR Laser Energetics	[39,WL31]
R*192.012.028.rrr	RIACS-X-NET	RIACS-Experimental-Net	[DG28]
D 192.012.029.rrr	RF-EVANS	ADDCOMPE DC3 LAN1	[39,MB31]
D 192.012.030.rrr	RF-HEX-A	ADDCOMPE DC3 LAN2	[39,MB31]
D 192.012.031.rrr	USNA-ENET	USNA Engineering Net	[39,TS9]

R*192.012.032.rrr	CMU-VINEYARD	CMU File Cluster Net	[39,MK68]
R 192.012.033.rrr	SRI-CSL-NET	SRI-CSL 10MB Ethernet	[TONY]
C*192.012.034.rrr-192.012.043.rrr	Schlumberger PA Net		[39,SL10]
R 192.012.044.rrr	T NRTC-NET	Northrop Research Net	[39,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.	[39,MSM1]
G 192.012.049.rrr	AMES-ED-NET	Code ED IP Net	[39,MSM1]
G 192.012.050.rrr	AMES-DB-NET	Ames DBridge Net	[39,MSM1]
R 192.012.051.rrr	THINK-CHAOS	TMC Chaos	[39,BJN1]
R*192.012.052.rrr	NEURO-NET	NEURO-NET	[39,JXB]
R*192.012.053.rrr	PU-LCA	Princeton U. LCA	[39,CYH]
R 192.012.054.rrr	AERO-A3	Aerospace	[AWS3]
R 192.012.055.rrr	HAZ-LPR-BETA	Hazeltine LPR Net	[39,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	[39,CBD]
R 192.012.058.rrr	MCC-PP-NET	MCC AI Subnet	[39,CBD]
R 192.012.059.rrr	MCC-DB-NET	MCC DB Subnet	[39,CBD]
R 192.012.060.rrr	MCC-HI-NET	MCC HI Subnet	[39,CBD]
R 192.012.061.rrr	MCC-SW-NET	MCC SW Subnet	[39,CBD]
R 192.012.062.rrr	DREA-ENET	DREA Lisp & Vaxen	[39,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	[39,MJM2]
D 192.012.066.rrr	HELNET2	HELNET2	[39,MJM2]
D 192.012.067.rrr	HELNET3	HELNET3	[MJM2]
G 192.012.068.rrr	ORNL-MSRNET	ORNL Local Area Net	[4,THD]
R 192.012.069.rrr	UA-CS-NET	UNIV. OF ARIZ-CS DEPT	[39,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	[39,TM86]
R*192.012.075.rrr	PASC-RING	IBM PASC TOKEN RING	[GAL5]
R*192.012.076.rrr	UQ-NET	UNIV. OF QLD NETWORK	[39,AKH5]
C*192.012.077.rrr	PRIME	PRIME COMPUTER, INC.	[FS37]
C*192.012.078.rrr	GENNET	GENENTECH NET	[39,SM96]
C*192.012.079.rrr	SLI	SOFTWARE LEVERAGE INC.	[MG58]
R 192.012.080.rrr	CAEN	UMICH-CAEN	[HWB]
R 192.012.081.rrr	YALE-RING-NET	YALE RESEARCH RING	[HML1]
C 192.012.082.rrr	CU-CC-NET	Columbia CC Net	[39,BC14]
G 192.012.083.rrr	UCDLA-EXNET	UCDLA EXPERIMENTAL NET	[CL64]
G 192.012.084.rrr	UCDLA-PCNET	UCDLA PERSONAL NET	[CL64]
G 192.012.085.rrr	UCDLA-OPNET	UCDLA OPTICAL DISK	[CL64]
G 192.012.086.rrr	UCDLA-RADNET	UCDLA PACKET RADIO	[CL64]
G 192.012.087.rrr	UCDLA-CSLNET	UCDLA STATE LIBRARY	[CL64]
R*192.012.088.rrr	RUTGERS-NWK	RUTGERS, NEWARK	[DB150]

R 192.012.089.rrr	SBSCS-CSDEPT-1	SB Computer Science	[JS268]
R 192.012.090.rrr	SBSCS-CSDEPT-2	SB Computer Science	[JS268]
192.012.091.rrr	RPICSNET0	RPICS-LOCALNET-0	[MS9]
R 192.012.092.rrr	RPICSNET1	RPICS-LOCALNET-1	[MS9]
192.012.093.rrr	Unassigned	Unassigned	[NIC]
192.012.094.rrr	Unassigned	Unassigned	[NIC]
192.012.095.rrr	Unassigned	Unassigned	[NIC]
192.012.096.rrr	Unassigned	Unassigned	[NIC]
192.012.097.rrr	Unassigned	Unassigned	[NIC]
192.012.098.rrr	Unassigned	Unassigned	[NIC]
192.012.099.rrr	Unassigned	Unassigned	[NIC]
192.012.100.rrr	Unassigned	Unassigned	[NIC]
R*192.012.101.rrr	OSU-CGRG	OSU Computer Graphics	[39,KS62]
G 192.012.102.rrr	AMES-NAS-HY	AMES NAS HY NET	[MF31]
R 192.012.103.rrr	CSU-USCETHER	Colorado State Univ Nets	[RB218]
R 192.012.104.rrr	CSUNRELEETHER	Colorado State Univ Nets	[RB218]
R 192.012.105.rrr	CSU-ASYNC	Colorado State Univ Nets	[RB218]
R 192.012.106.rrr	CSU-LANCE	Colorado State Univ Nets	[RB218]
R 192.012.107.rrr	CSU-ATMOS	Colorado State Univ Nets	[RB218]
R 192.012.108.rrr	CSU-UCC-ETHER	Colorado State Univ Nets	[RB218]
R*192.012.109.rrr-192.012.118.rrr		Colorado State Univ Nets	[RB218]
G 192.012.119.rrr	ICST	ICST Network	[39,JCN2]
D 192.012.120.rrr	MITRE-B-NET	MITRE BEDFORD ETHER	[BSW]
R*192.012.121.rrr	FSUCS	FSU COMPUTER SCIENCE 1	[TB4]
R*192.012.122.rrr	FSUCS2	FSU COMPUTER SCIENCE 2	[TB4]
G 192.012.123.rrr	AMES-CCF-NET	AMES CCF NETWORK	[39,MSM1]
D 192.012.124.rrr	ETL-LAN	ETL LOCAL AREA NET	[39,WWS]
D 192.012.125.rrr	CRDEC-NET1	CRDEC-NET1	[39,JY11]
D 192.012.126.rrr	CRDEC-NET2	CRDEC-NET2	[39,JY11]
R 192.012.127.rrr	LL-MI-NET	LL-Machine Intell.	[39,GAA]
R 192.012.128.rrr	AITAC-ADMIN	SRI-AITAC ADMIN NET	[39,VDC1]
C*192.012.129.rrr	SYM-CAN	Symbolics/Canada	[MMH5]
R 192.012.130.rrr	SDC-SM	SDC Santa Monica	[CAS]
R 192.012.131.rrr	SAC-ADMIN	SRI-SAC ADMIN NET	[39,KMC3]
R 192.012.132.rrr	LLL-MON	LLL Open Labnet-1	[39,BANDY]
R 192.012.133.rrr	LLL-TUE	LLL Open Labnet-2	[39,BANDY]
R 192.012.134.rrr	LLL-WED	LLL Open Labnet-3	[39,BANDY]
R 192.012.135.rrr	LLL-THU	LLL Open Labnet-4	[39,BANDY]
R 192.012.136.rrr	LLL-FRI	LLL Open Labnet-5	[39,BANDY]
R 192.012.137.rrr	LLL-SAT	LLL Open Labnet-6	[39,BANDY]
R 192.012.138.rrr	LLL-SUN	LLL Open Labnet-7	[39,BANDY]
D 192.012.139.rrr	JTELS-BEN-GW	JUMPS Teleprocessing	[RR26]
R*192.012.140.rrr	INFERENCE	INFERENCE	[DGT6]
R 192.012.141.rrr	CSS-ETHER	CSS Workstation Net 2	[RA11]
C*192.012.142.rrr	SENTRY	Sentry Adv. Prod. Net	[LL56]
C*192.012.143.rrr	VSHIC-NET	Sentry VSHIC Test	[LL56]
R 192.012.144.rrr	ECRCNET	ECRC Internet	[39,PD39]
C*192.012.145.rrr-192.012.154.rrr		RCA-CADNET	[39,RG92]

C*192.012.155.rrr-192.012.170.rrr	MTCS-CUST	[SF41]
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	[39,BD55]
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	[MS22]
D 192.012.196.rrr	JHUAPL-NET JHU APL Net	[39,SAK3]
D 192.012.197.rrr	ACATT-ETHER1 ADEA/CECOM Adv Tech	[39,ERK3]
D 192.012.198.rrr	ACATT-ETHER2 ADEA/CECOM Adv Tech	[39,ERK3]
D 192.012.199.rrr	LEWIS-ETHER1 ADEA/SRI Ft. Lewis	[39,ERK3]
D 192.012.200.rrr	SRI-PSO-10 ADEA/SRI Ft. Lewis	[39,ERK3]
D 192.012.201.rrr	SRI-PSO-11 ADEA/SRI Ft. Lewis	[39,ERK3]
D 192.012.202.rrr	SRI-PSO-12 ADEA/SRI Ft. Lewis	[39,ERK3]
D 192.012.203.rrr	SRI-PSO-13 ADEA/SRI Ft. Lewis	[39,ERK3]
D 192.012.204.rrr	SRI-PSO-14 ADEA/SRI Ft. Lewis	[39,ERK3]
R 192.012.205.rrr	OHIO-STATE1 Ohio State Univ.	[RSD2]
R 192.012.206.rrr	INDIANA Indiana-Bloomington	[BS69]
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]
192.012.210.rrr	Unassigned Unassigned	[NIC]
R 192.012.211.rrr	JVNC NSF/JVNC Net	[HGH1]
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	[39,JRL3]
R 192.012.215.rrr	XDRENET DRE X.25 COMPONENT	[JR17]
R 192.012.216.rrr	STEVENS-TECH Stevens Inst of Tech	[39,RCM9]
R 192.012.217.rrr	T EMORY-INET1 Emory Internet	[39,SA29]
R 192.012.218.rrr	T EMORY-INET2 Emory Internet	[39,SA29]
R 192.012.219.rrr	T EMORY-INET3 Emory Internet	[39,SA29]
R 192.012.220.rrr-192.012.234.rrr	UWISC-IPNET	[39,EJN1]
R*192.012.235.rrr	IDA-NET Comp Sc Linkoping S	[MSA1]
R 192.012.236.rrr	CITNET CIT Campus Net	[39,CBR2]
R*192.012.237.rrr	HCSC-APOLLO Honeywell CSC Apollo	[2,TRG4]
R*192.012.238.rrr	CU-BOULDER CU Boulder Campus	[39,DCMW]
R*192.012.239.rrr	CU-ACS CU ACS Net	[39,DCMW]
R*192.012.240.rrr	CU-ENGINEER CU Engineering Net	[39,DCMW]

R*192.012.241.rrr	CU-SUNNET	CU Sun Net	[39,DCMW]
R*192.012.242.rrr	CU-CER	CU CER Net	[39,DCMW]
R*192.012.243.rrr	CU-OT	CU Office Tower	[39,DCMW]
R*192.012.244.rrr	CU-ENTERPRISE	CU ECE Sun Net	[39,DCMW]
R*192.012.245.rrr	CU-LASP	CU LASP Net	[39,DCMW]
R*192.012.246.rrr	CU-JILA	CU JILA Net	[39,DCMW]
192.012.247.rrr	Unassigned	Unassigned	[NIC]
192.012.248.rrr	Unassigned	Unassigned	[NIC]
192.012.249.rrr	Unassigned	Unassigned	[NIC]
192.012.250.rrr	Unassigned	Unassigned	[NIC]
192.012.251.rrr	Unassigned	Unassigned	[NIC]
R 192.012.252.rrr	LL-VENET1	Linclon Labs Venet1	[39,BC65]
R 192.012.253.rrr	LL-VENET2	Linclon Labs Venet2	[39,BC65]
R 192.012.254.rrr	LL-APOLLO	Linclon Labs Apollo	[39,BC65]
R 192.012.255.rrr	LL-ENET	Linclon Labs Enet	[39,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		[39,JC11]
R 192.016.050.rrr-192.016.071.rrr	RPI-LOCALNETS		[39,MS9]
R 192.016.072.rrr	UTCHPC	U.T. System CHPC	[39,WCB3]
R 192.016.073.rrr	UTDALLAS	U.T. Dallas	[39,WCB3]
R 192.016.074.rrr	UTABRC	U.T. Austin BRC	[39,WCB3]
C*192.016.075.rrr-192.016.122.rrr	CSC-BLOCK		[39,GG43]
R*192.016.123.rrr-192.016.154.rrr	Swedish Network		[BE10]
R*192.016.155.rrr-192.016.166.rrr	CERN-Block		[BMS2]
R 192.016.167.rrr	YALE-HP-NET	YALE-HP-NET	[HML1]
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	[JMA16]
C*192.016.172.rrr	EIK-ENG	Eikonix Eng'rg Net	[SW78]
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	[SA]
R 192.016.176.rrr	LSUNET	LSU Campus Ethernet	[CFB1]
R 192.016.177.rrr	UABSURA	Univ Ala at Bham	[LM62]
R*192.016.178.rrr	NTT-Y-ETHER	NTT-Y-ETHER	[RN29]
R*192.016.179.rrr	NTT-Y-APOLLO	NTT-Y-APOLLO	[RN29]
R 192.016.180.rrr	AMS	Amer. Math Society	[SBW4]
R 192.016.181.rrr	LL-DSN-NET	LL Dist Sensor Net	[GAA]
R*192.016.182.rrr	GTICS-SUNS	GT ICS Faculty Suns	[DD11]
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	[KHJ]
192.016.205.rrr-192.016.255.rrr	Unassigned		[NIC]
R*192.017.000.rrr-192.017.255.rrr	NIBELUNG		[MA24]
C*192.018.000.rrr-192.018.255.rrr	SUN Microsystems, Inc.		[BN4]
*192.019.000.rrr-192.019.255.rrr	SYSNET-2		[EY5]

C*192.020.000.rrr-192.020.255.rrr	ATT-MD-NET	[39,MH82]
C*192.021.000.rrr-192.021.255.rrr	FORMATIVE	[SAB17]
C*192.022.000.rrr-192.022.255.rrr	APPLICON	[AS90]
C*192.023.000.rrr-192.023.255.rrr	FACTNET	[JCB42]
C*192.024.000.rrr-192.024.255.rrr	CHROMATICS	[RB219]
R*192.025.000.rrr-192.025.255.rrr	Hewlett Packard	[SI8]
D*192.026.000.rrr	ACSAD ACSAD Network	[SLH19]
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	[MW49]
R*192.026.009.rrr	ICOT ICOT Local Network	[ST13]
R 192.026.010.rrr	GALLAUDET GALLAUDET UNIVERSITY	[KBC]
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]
192.026.020.rrr	Unassigned Unassigned	[NIC]
R 192.026.021.rrr	SDC-PRC-SW SDC/PAOLI SOFT TECH	[MS22]
R 192.026.022.rrr	SDC-PRC-LBS SDC/PAOLI ARTIF INT	[MS22]
R 192.026.023.rrr	SDC-PRC-SA SDC/PAOLI SYS ARCH	[MS22]
R 192.026.024.rrr	SDC-PRC-CR SDC/PAOLI COMP RES	[MS22]
R 192.026.025.rrr	LUCID Lucid Network	[BM68]
D 192.026.026.rrr	NRL-FIBER NRL Fiber Optic Net	[WF3]
R 192.026.027.rrr	ROCKEFELLER ROCKEFELLER UNIV	[39,MK38]
R*192.026.028.rrr-192.026.047.rrr	EPFL	[YXD]
R*192.026.048.rrr	DART-ETHER Dartmouth Ethernet	[SC59]
R 192.026.049.rrr	DUNET U of Denver Network	[39,WE12]
R*192.026.050.rrr-192.026.082.rrr	Silicon Graphics Inc	[RB221]
R 192.026.083.rrr	CSM-NET Colorado School of Mines	[KL31]
R 192.026.084.rrr	NPRDC-FTC NPRDC-FTC Remote Ethernet	[LRB]
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	[RAR22]
R*192.026.091.rrr	KDD KDD Research Net	[TA24]
R*192.026.092.rrr	WRIGHT Wright State University	[JLS45]

R*192.026.093.rrr	AECL-NET	NTT Atsugi Lab Net	[TK43]
R*192.026.094.rrr	NTT-AP-NET	NTT ECL Appolo Net	[HM38]
R 192.026.095.rrr	LL-VLSI-NET	Lincoln Lab VLSI Net	[AHA]
R*192.026.096.rrr	FX-STC-NET2	FX-Tokyo-10BM-Net2	[SY8]
C*192.026.097.rrr	RCA-SNOOPY	Peanut Net	[RAR23]
C*192.026.098.rrr	TASC-CTC-NET	TASC Reading CTC Net	[KDM5]
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	[JH141]
R*192.026.136.rrr	UW-TEMP	Univ. of Washington	[RA17]
R 192.026.137.rrr-192.026.146.rrr		SYR-MH-NET	[JW47]
R 192.026.147.rrr	WLV-ETHER	ETN-WLV-ETHER	[SMS1]
R 192.026.148.rrr	UMDNJ-NRAC	UMDNJ-NRAC NJMS	[LPM]
R 192.026.149.rrr	LL43-LEX-SUNC	Grp43 Lexington Net C	[VBK]
R 192.026.150.rrr	LL43-TB-SUNA	Grp43 Testbed Net A	[VBK]
C*192.026.151.rrr	LATICORP	LatiCorp Net	[39,CC108]
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	[LS103]
192.028.100.rrr-192.028.255.rrr		Unassigned	[NIC]
C*192.029.000.rrr-192.029.255.rrr		SUN-NET	[BN4]
C*192.030.000.rrr-192.030.255.rrr		Hewlett Packard	[13,21,SI8]
R 192.031.000.rrr	PURDUE-GEOSC	PURDUE-GEOSCIENCES	[DEC1]
C*192.031.001.rrr	CSD-GTE-LAN	CSD-GTE-LAN-NEEDHAM	[39,MM135]
R 192.031.002.rrr	WESNET	Wesleyan Univ Net	[39,JGD1]
R 192.031.003.rrr	ALCOA-NET	Alcoa Research Net	[29,JOG]
C*192.031.004.rrr	I2-ETHER-3	I2 RCE Network	[39,NH2]
R 192.031.005.rrr	BOEING-ATC	Boeing BCS ATC LAN	[39,PM37]
C*192.031.006.rrr	SQ-ETHER	SoftQuad Inc. LAN	[39,BG23]
C 192.031.007.rrr	CISCO-NET	cisco Systems Net	[39,KSL]
G 192.031.008.rrr	USNA-CADNET	US Naval Academy Network	[39,TS9]
R 192.031.009.rrr	YALE-SUN2-NET	YALE-SUN2-NET	[RB187]
R 192.031.010.rrr-192.031.013.rrr		U.S. Army Europe Networks	[39,EK18]
R*192.031.014.rrr	UCD-NET	Denver Campus Network	[39,FCH]
C*192.031.015.rrr	CASETEK	CASE Technology, Inc.	[39,PML1]
R 192.031.016.rrr-192.031.020.rrr		CENTCOM Ethernet	[39,GIH]
R 192.031.021.rrr	SDSC-APOLLO	SDSC Apollo Ring	[2,GKN1]
C*192.031.022.rrr	SDCCARY	SAS Data Center - Cary	[DK5]
R*192.031.023.rrr	KULEUVEN-CS	Kuleuven Comptuer Sci Net	[39,JH18]
D 192.031.024.rrr	ALBM-NET	Lockheed ALBM Net	[39,MF52]
192.031.025.rrr		Unassigned	[NIC]
C*192.031.026.rrr	ISTNET	Imperial Software Net	[39,NT12]
R*192.031.027.rrr	ALTAIRETHER	GIPALTAIR BDBLUES NET	[OG4]
R 192.031.028.rrr	STEWART-OBS	Steward Observatory	[39,SS80]
R*192.031.029.rrr	AMDAHL-TTD	Amdahl Test Tools Dev	[39,DR71]

R 192.031.030.rrr	ADS-DC	ADS Washington	[39,JTN]
C*192.031.031.rrr	AXION-NET	BT Axion Network	[39,NT13]
C*192.031.032.rrr-192.031.036.rrr		NSKK Local Area Network	[39,AK36]
C*192.031.037.rrr	SDAPOLL	SAS Data Center - Cary	[DK5]
C*192.031.038.rrr	TIATSPINE	TI Attleboro Spine	[WDR7]
R*192.031.039.rrr	BAYLOR	Baylor Univ Network	[39,BL31]
R 192.031.040.rrr	YALE-SUN3-NET	YALE-SUN3-NET	[RB187]
R 192.031.041.rrr	YALE-RT-NET	YALE-RT-NET	[RB187]
R 192.031.042.rrr	YALE-RT2-NET	YALE-RT2-NET	[RB187]
192.031.043.rrr	CNSNET	Caltech - CNS Biology Net	[39,DC99]
C 192.031.044.rrr	MRC-NET	McLean Research Center	[WLG7]
R 192.031.045.rrr	WILLIAMS	Williams College	[39,RW101]
192.031.046.rrr	Unassigned	Unassigned	[NIC]
R 192.031.047.rrr-192.031.061.rrr		Bay Area Regional Network	[AB71]
R*192.031.062.rrr	SRI-CAM	SRI Cambridge UK	[39,AGS5]
R 192.031.063.rrr	SCUBED-BBONE	SCUBED-BBONE-NET	[39,TH60]
R 192.031.064.rrr	S3-RESEARCH	SCUBED-RESEARCH-NET	[39,TH60]
R 192.031.065.rrr	S3-FIBER-NET	SCUBED-FIBER-NET	[39,TH60]
R 192.031.066.rrr	S3-ABQNET	SCUBED-ABQNET	[39,TH60]
R 192.031.067.rrr	S3-SLIP-NET	SCUBED-SLIP-NET	[39,TH60]
R 192.031.068.rrr	S3-THIN-NET	SCUBED-THIN-NET	[39,TH60]
R 192.031.069.rrr	S3-BBONE2-NET	SCUBED-BBONE2-NET	[39,TH60]
R 192.031.070.rrr	S3-ETHER2-NET	SCUBED-ETHER2-NET	[39,TH60]
R 192.031.071.rrr	S3-ETHER3-NET	SCUBED-ETHER3-NET	[39,TH60]
R 192.031.072.rrr	S3-ETHER4-NET	SCUBED-ETHER4-NET	[39,TH60]
C*192.031.073.rrr	MTEL-APOLLO	M/A-COM MTEL Apollo Net	[39,JF77]
C*192.031.074.rrr	GSSD-APOLLO	M/A-COM GSSD Apollo Net	[39,PC55]
D 192.031.075.rrr	HQDA-AI	Pentagon Army AI Net	[39,DH23]
D 192.031.076.rrr	CSTLNET	Combat Sys Tech Lab	[MP20]
C*192.031.077.rrr	MAPNET	Mervine & Pallesen Net	[23,BH80]
C*192.031.078.rrr	WELLSNET-A1	Wells Fargo IPNET-A1	[39,JN47]
C*192.031.079.rrr	WACHOVIANET-A1	Wachovia IPNET-A1	[39,PMH3]
R 192.031.080.rrr	KSUNET	KSU Campus Network	[BAV]
R 192.031.081.rrr	HUSKERNET	UNL Campus Network	[MM147]
D 192.031.082.rrr	HQEIS	HQ AFSC EIS	[39,SMK2]
R 192.031.083.rrr	OSUNET	OSU Campus Network	[PW37]
C*192.031.084.rrr	CUBI	Cubicomp Corporation Net	[2,SFJ]
C 192.031.085.rrr	CLINET	Computational Logic Net	[39,WAH11]
R 192.031.086.rrr	RAZORNET	UAF Campus Network	[DLM34]
R 192.031.087.rrr	HARC-NET	Houston Area Rsch Ctr Net	[DN22]
R 192.031.088.rrr	BCMTECH-NET	BCM Technologies Network	[39,SB98]
R 192.031.089.rrr	MIAMI	University of Miami	[39,HWP2]
R*192.031.090.rrr	MORAVIAN	Moravian College	[JPS17]
192.031.091.rrr	Unassigned	Unassigned	[NIC]
R 192.031.092.rrr	CIT-CONTROL	Caltech Control Lab	[39,JD27]
R 192.031.093.rrr	CIT-SRLNET	Caltech SRL Network	[39,CJL2]
R 192.031.094.rrr	KEHNET	Comp Science and Eng Ethernet	[PLH8]
R*192.031.095.rrr	UCCNET	UC Corporate, Admin Net	[39,AC42]

G 192.031.096.rrr	ORNL-OSTINET	OSTI Local Area Network	[24,THD]
R 192.031.097.rrr	KSU-NET	Kansas State University	[39,MSM1]
D 192.031.098.rrr	PBAS-BEN2-GW	PBAS-BEN2-GATEWAY	[RR26]
R 192.031.099.rrr	ISUNET	ISU Campus Network	[RD80]
D 192.031.100.rrr	GUNTER-LAN	GUNTER-LAN	[TMD6]
R*192.031.101.rrr	TSU-NET	Texas Southern Univ Net	[39,AZ]
R 192.031.102.rrr	M2C-NET	Mass Microelectronics Ct Net	[SM67]
R 192.031.103.rrr	P-TO-P-NET	CSNET Point to Point Network	[LL53]
R 192.031.104.rrr	PSCSURA	PSCSURA	[JH92]
R*192.031.105.rrr	UCC-PRO-UCB	UC Corporate, Admin Net	[39,AC42]
D 192.031.106.rrr	NSWSES-NAVY	PORT-HUENEME-CBC	[39,DD41]
R 192.031.107.rrr	JAYHAWKNET	KU Campus Networks	[DN32]
R*192.031.108.rrr	UCFCSNET	UCF CS Dept. Network	[39,TB64]
R*192.031.109.rrr	FREDONIA	SUC-FREDONIA	[JM278]
C*192.031.110.rrr	ADCAPOLL	Austin Data Ctr APOLLO RING	[RC113]
R*192.031.111.rrr	AIRMICS	AIRMICS Research Net	[DFH2]
R*192.031.112.rrr	TRINCOLL	Trinity-Hartford	[38,MA54]
C 192.031.113.rrr	MONET	Univ-of-Mo-Net	[BEC5]
C*192.031.114.rrr	DRINET	DRI Engineering Net	[21,KB60]
C*192.031.115.rrr	FIRENET-AI	Fireman's Fund IPNET-AI	[39,CO16]
R*192.031.116.rrr-192.031.124.rrr		University of Tokyo Net	[39,JM292]
R*192.031.125.rrr-192.031.144.rrr		DUT Network	[39,FD18]
R 192.031.145.rrr	SIGNET	Small IP Gateway Net	[39,PGM]
R 192.031.146.rrr	UCR	UC Riverside	[39,WS73]
D 192.031.147.rrr	NUWESNET	NUWES-KEYPORT-LAN	[RM125]
C*192.031.148.rrr	AIGNET-AI	AIG IPNET-AI	[39,RK51]
C*192.031.149.rrr	WACNET-AI	1st Wachovia IPNET-AI	[39,PMH3]
C*192.031.150.rrr	STPNET-AI	St. Paul IPNET-AI	[39,RLP30]
C*192.031.151.rrr	COGNITIONNET	CI-Headquarters	[39,DW93]
C 192.031.152.rrr	ROSENET	Rosetta Network	[39,SC54]
R 192.031.153.rrr	SALKNET	Salk Institute Net	[39,JO0]
R 192.031.154.rrr	UNMHC-DEV	U of NM Hypercube Dvlp Net	[39,KDZ]
R 192.031.155.rrr	GEOLOGY-NWU	Northwestern Geology	[39,EEW6]
R*192.031.156.rrr	CANISIUS-CS	Canisius Comp Science Net	[39,MS101]
R 192.031.157.rrr	RTNET	C3P Ether Cube	[39,SC81]
D 192.031.158.rrr	DAITC	Defense Appl Info Tech Ctr	[39,CG24]
R 192.031.159.rrr	NYTGCYLAB	NYTGCYLAB	[39,SS110]
D 192.031.160.rrr	NUWES-C-NET	NUWES-KEYPORT-LAN	[RM125]
R 192.031.161.rrr	UCB-UCSC-NET	UCB-UCSC 56K Backup	[CF4]
G 192.031.162.rrr	DOL-NET	Department of Labor Net	[39,DD47]
192.031.163-223.255.254.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		[11,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	173	1146	1332
Defense	9	24	558	591
Government	1	19	101	121
Commercial	3	14	16	33
Total	26	230	1821	2077

Allocated for Internet and Independent Uses

Class	A	B	C	Total
Research	14	218	2172	2404
Defense	9	25	560	594
Government	1	22	102	125
Commercial	3	36	4660	4699
Total	27	301	7494	7822

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) [33,35] 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
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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	[DT50]
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	[MP12]
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	HP-INTERNET-AS	[RM142]
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]
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92	CLARKSON-AS	[JXH]
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94	BELVOIR-NET	[DXH]
95	NUSCLSB1	[RPP]
96	JTELS-BEN1-AS	[RR26]
97	JVNC-AS	[SH37]
98	ROCKEFELLER-AS	[MK38]
99	INTEL-IWARP	[WXM]
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101	WASH-NSF-AS	[SH47]
102	NSF-HQ-AS	[FW17]
103	NWU-AS	[EEW6]
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106	ETN-WLV-AS	[SMS1]
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108	XEROX-AS	[JNL1]
109	CISCOSYSTEMS	[KSL]
110	CCA-AS	[AL6]
111	BOSTONU-AS	[BS24]
112	CMU-SEI-AS	[PDB5]
113	SCCNET-AS	[MJO4]
114	SESQUINET-AS	[GTA]
115	PBAS-BEN2-GW-AS	[RR26]
116	BELLCORE-AS	[PK28]
117	ALBM-NET-AS	[MF52]
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119	AMS-AS	[SBW4]
120-65534	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 connected to the Internet (with appropriate permissions and approvals) the networks need not be renumbered.

