

Who Talks ICMP, too?
Survey of 18 February 1983

A survey was undertaken to determine how many hosts are able to respond to TELNET connections from a user at a class C site. This requires, in addition to IP and TCP, participation in gateway routing via ICMP and handling of class C addresses.

The list of hosts was taken from [RFC843](#), extracting only those hosts which are listed there as accepting TELNET connections.

The tests were run on 18-Feb-83 from 3 PM to 6:30 PM EST from a terminal concentrator located at 192.1.2.22, at BBN. This net (192.1.2.xxx) is connected to the internet through a routing gateway, and this terminal concentrator speaks ICMP including redirection and reporting to the user.

The connection attempts were done manually by typing the dotted form addresses, so only three passes were made through the table of hosts. Therefore a few may have been missed due to being down at these times.

Summary information:

Type	# OK	out of	% OK
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On net 10	77	121	63.6%
other class A	20	34	58.8%
non-class A	30	32	93.8%
Total	127	187	67.9%

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Results in host table order:

Name	Address	Result
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ll	10.0.0.10	no response
compion-vms	10.0.0.12	no response
ames-tss	10.0.0.16	refused
mitre	10.0.0.17	OK
radc-multics	10.0.0.18	OK
nbs-vms	10.0.0.19	no response
usc-eclb	10.0.0.23	OK
nadc	10.0.0.24	OK
seismo	10.0.0.25	OK
usc-isid	10.0.0.27	OK
brl	10.0.0.29	no response
nosc-cc	10.0.0.3	OK
cca-unix	10.0.0.31	OK
parc-maxc	10.0.0.32	OK
purdue	10.0.0.37	OK
utah-cs	10.0.0.4	host unreachable
wpafb	10.0.0.47	no response
afwl	10.0.0.48	no response

bbn-tenexb	10.0.0.49	OK
bbnf	10.0.0.5	OK
ada-vax	10.0.0.52	no response
afsc-ad	10.0.0.53	no response
cit-20	10.0.0.54	OK
sumex-aim	10.0.0.56	OK
nyu	10.0.0.58	no response
mit-multics	10.0.0.6	OK
utexas-11	10.0.0.62	OK
usgs1-multics	10.0.0.68	OK
usgs2-multics	10.0.0.69	OK
usgs3-multics	10.0.0.70	OK
sri-nic	10.0.0.73	OK
ucb-arpa	10.0.0.78	no response
nrl	10.0.0.8	no response
hi-multics	10.0.0.80	OK
dtnsrdc	10.0.0.81	OK
bbnt	10.0.0.82	OK
nswc-dl	10.0.0.84	OK
sandia	10.0.0.87	OK
nlm-mcs	10.0.0.88	OK
lanl-unix	10.0.0.90	OK
washington	10.0.0.91	OK

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ucla-ccn	10.1.0.1	OK
ll-vlsi	10.1.0.10	OK
compion	10.1.0.12	no response
gunter-adam	10.1.0.13	OK
cmu-cs-a	10.1.0.14	OK
nbs-sdc	10.1.0.19	no response
sri-kl	10.1.0.2	OK
lll-mfe	10.1.0.21	OK
usc-isi	10.1.0.22	OK
usc-eclc	10.1.0.23	OK
apg-1	10.1.0.29	OK
cca-vms	10.1.0.31	refused
lbl-csam	10.1.0.34	no response
wpafb-afwal	10.1.0.47	no response
bbng	10.1.0.5	OK
usc-isie	10.1.0.52	OK
cit-vax	10.1.0.54	no response
anl-mcs	10.1.0.55	no response
mit-dms	10.1.0.6	OK
utexas-20	10.1.0.62	OK
martin-b	10.1.0.64	OK
rand-relay	10.1.0.7	OK
bbn-unix	10.1.0.72	OK
mit-devmultics	10.1.0.77	host unreachable
dec-marlboro	10.1.0.79	OK
nrl-aic	10.1.0.8	OK
nalcon	10.1.0.81	no response
bbn-vax	10.1.0.82	OK
nswc-g	10.1.0.84	no response
office-10	10.1.0.93	no response
csnet-sh	10.1.0.94	OK
srijoyce	10.1.4.51	no response
ucla-security	10.2.0.1	OK
sri-csl	10.2.0.2	OK
isi-vaxa	10.2.0.27	OK

office-3	10.2.0.43	no response
sri-unix	10.2.0.51	no response
usc-isif	10.2.0.52	OK
afsc-dev	10.2.0.53	no response
aids-unix	10.2.0.56	host unreachable
rutgers	10.2.0.58	OK
mit-ai	10.2.0.6	OK
aerospace	10.2.0.65	OK
sri-ai	10.2.0.73	OK
ucb-vax	10.2.0.78	no response
nswc-wo	10.2.0.8	no response

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ucla-ats	10.3.0.1	OK
su-score	10.3.0.11	OK
cmu-cs-c	10.3.0.14	OK
radc-tops20	10.3.0.18	OK
sri-tsc	10.3.0.2	no response
edn-unix	10.3.0.20	OK
usc-ecl	10.3.0.23	OK
brl-bmd	10.3.0.29	no response
nprdc	10.3.0.3	OK
kestrel	10.3.0.32	no response
utah-20	10.3.0.4	OK
office-7	10.3.0.43	no response
mit-mc	10.3.0.44	OK
okc-unix	10.3.0.46	host unreachable
bbn-tenexc	10.3.0.49	OK
bbna	10.3.0.5	OK
sri-prmh	10.3.2.51	no response
usc-isib	10.3.0.52	OK
jpl-vax	10.3.0.54	no response
mit-ml	10.3.0.6	OK
rand-unix	10.3.0.7	OK
sri-iu	10.3.0.73	no response
mcclellan	10.3.0.78	no response
nsrdcoa	10.3.0.81	no response
bbns	10.3.0.82	host unreachable
nwc-387b	10.3.0.85	OK
uw-vlsi	10.3.0.91	OK
s1-c	10.3.0.95	OK
ll-en	10.4.0.10	no response
dca-ems	10.4.0.20	OK
bbn-clxx	10.4.0.49	OK
bbn-rsm	10.4.0.82	no response
bbn-noc2	10.6.0.82	OK
nrl-css	10.7.0.8	OK
ucl-cs	11.3.1.42	OK
ucl-ucl2	11.3.2.42	OK
cmu-cs-ius	128.2.254.128	OK
cmu-cs-vlsi	128.2.254.129	OK
cmu-cs-zog	128.2.254.131	OK
cmu-cs-g	128.2.254.132	OK
cmu-cs-cad	128.2.254.133	OK
cmu-ri-fas	128.2.254.138	OK
cmu-cs-spice	128.2.254.139	OK
cmu-cs-gandalf	128.2.254.140	OK
cmu-ri-is1	128.2.254.143	OK
cmu-cs-speech	128.2.254.145	OK
cmu-cs-unh	128.2.254.150	no response

cmu-ri-arm	128.2.254.151	OK
cmu-ri-isl2	128.2.254.152	OK
cmu-cs-pt	128.2.254.155	OK

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dcn1	128.4.0.1	OK
dcn2	128.4.0.2	OK
dcn3	128.4.0.3	OK
dcn5	128.4.0.5	OK
dcn6	128.4.0.6	OK
ford1	128.5.0.1	OK
ford3	128.5.0.3	OK
ford4	128.5.0.4	OK
ford-lab	128.5.0.8	OK
ford-ecc	128.5.0.11	OK
ford-ers	128.5.0.13	OK
ford-eed	128.5.0.14	OK
ford-wdl1	128.5.32.1	no response
ford-wdl6	128.5.32.6	OK
umd1	128.8.0.1	OK
umd3	128.8.0.3	OK
umd5	128.8.0.5	OK
mit-csr	18.10.0.8	no response
mit-ajax	18.10.0.64	no response
mit-cls	18.10.0.76	no response
csnet-sh	192.5.2.3	OK
edn-host1	21.1.0.1	host unreachable
bbncca	3.0.0.2	OK
bbnccf	3.0.0.4	OK
bbnx	3.0.0.8	OK
csnet-cic	3.0.0.14	OK
bbn-noc	3.1.0.14	OK
bbnccb	3.1.0.2	OK
bbn-admin	3.1.0.6	OK
bbnz	3.1.0.7	OK
bbnccc	3.2.0.2	OK
bbnp	3.2.0.4	OK
bbn-inoc	3.2.0.6	OK
bbnq	3.2.0.7	OK
bbny	3.2.0.8	OK
bbnccd	3.3.0.2	OK
bbncci	3.3.0.4	OK
bbnw	3.3.0.6	OK
bbn-cd	3.3.0.9	OK
ucbarpa	46.0.0.4	no response
ucbcad	46.0.0.5	no response
ucbernie	46.0.0.6	no response
ucbmonet	46.0.0.7	no response
ucbesvax	46.0.0.9	no response
ucbvax	46.0.0.10	no response
ucbkim	46.0.0.11	no response
ucbcaldar	46.0.0.12	no response
ucbmatisse	46.0.0.14	no response
ucbingres	46.0.0.19	no response
ndrel	48.3.1.41	OK

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