Network Working Group

Request for Comments: 835

December 1982

Who Talks TCP?

The list of hosts was taken from the NIC hostname table of 2-Dec-82. The tests were run on 28-Dec-82 from \sim 12:01 pm to \sim 8:10 pm PST. Dead, refused, and unreachable hosts were retried 29-Dec-82 from \sim 8:00 am to \sim 7:40 pm PST.

Claims are taken from the NIC host table:

T = tcp (no particular services mentioned)

t = tcp/telnet

f = tcp/ftp

s = tcp/smtp

Results for each service:

blank (not accepted)

refused

unreachable

dead

accepted

accepted+ (FTP allowed user anonymous, password guest)

Summary information:

Telnet Result

		no telnet			dead	accepted	
C	tcp/telnet			4		•	130
a ÷	tcp	9		0		ı	24
m	Nothing	96	•	3			160
	-	108	36	7	68	95	314

FTP Result

		no tcp/ftp	unreachable	refused	dead	accepted or accepted+	
C	tcp/ftp	3	24	3	34	43	107
a :	tcp	10	0	2	 4	8	24
m	Nothing	102	12	10	30	29	183
		115	36	15	68	80	314

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SMTP Result

		no	tcp/smtp	unreachable	refused	dead	accepted	
		+	+		+	+	+	+
C	tcp/smtp		5	25	1	21	44	96

	tcp	10	İ	0	4	4	+ 6 +	24
_	Nothing	98	İ	11	20	43	22 +	194
		•	-				+ 72	

Results in alphabetical order:

Name	Address	Claims	Telnet	FTP	SMTP
acc	10.2.0.54				
ada-vax	10.0.0.52				
aerospace	10.2.0.65	T		dead	
afgl	10.1.0.66				
afsc-ad	10.0.0.53	T			
afsc-dev	10.2.0.53		accepted	accepted	
afsc-hq	10.0.0.67				
afsc-sd	10.0.0.65				
afwl	10.0.0.48				
alta-coma	3.1.0.50	T			
ames-11	10.3.0.16				
ames-67	10.0.0.16	T			
anl	10.0.0.55			dead	
anl-mcs	10.1.0.55			dead	
arpa-dms	10.0.0.28				
arpa-png11	10.3.0.28				
bbn-admin	3.1.0.6	-tfs	accepted	accepted	accepted
bbn-cd	3.3.0.9	-tfs	accepted	accepted	accepted
bbn-clxx	10.2.0.71	-tfs	accepted	accepted	accepted
bbn-inoc	3.2.0.6	-tfs	accepted	accepted	accepted
bbn-noc	3.1.0.14	-tfs	accepted	accepted	accepted
bbn-noc2	10.6.0.82	-tfs	accepted	accepted	accepted
bbn-nu	10.0.0.72	s			
bbn-rsm	10.4.0.82	-t	accepted		
bbn-unix	3.1.0.4	-tfs	accepted	accepted	accepted
bbn-vax	10.1.0.82	-tfs		dead	
bbna	10.3.0.5	-tf-	accepted	accepted	accepted
bbnb	10.0.0.49	-t	accepted	refused	refused
bbnc	10.3.0.49	-t	accepted	refused	refused
bbncca	3.0.0.2	-tfs	accepted	accepted	accepted
bbnccb	3.1.0.2	-tfs	accepted	accepted	accepted
bbnccc	3.2.0.2	-tfs	accepted	accepted	accepted
bbnccd	3.3.0.2	-tfs	accepted	accepted	accepted
bbnccf	3.0.0.4	-tfs	accepted	accepted	accepted
bbncci	3.3.0.4	-tfs	accepted	accepted	accepted
bbnf	10.0.0.5	-tf-	accepted	accepted	refused
bbng	10.1.0.5	-tf-	accepted	accepted	accepted
bbnp	10.2.0.72	-tfs	accepted	accepted	accepted
	10.2.0.72	CID	accepted	accepted	accepted
Page 2					
bbnq	3.2.0.7	-tfs	accepted	accepted	accepted
bbns	10.3.0.82	-tfs	accepted	accepted	accepted
bbnt	3.3.0.7	-tfs	accepted	accepted	accepted
bbnw	3.3.0.6	-tfs	accepted	accepted	accepted
bbnx	3.0.0.8	-tfs	accepted	accepted	accepted
bbny	3.2.0.8	-tfs	accepted	accepted	accepted
bnl	10.1.0.58		accepted	accepted	accepted
₩	10.1.0.50				

bwagg gtal	10.1.0.38	+		4 4	
bragg-stal brl	10.1.0.38	-t		dead	
brl-bmd	10.3.0.29				
cca-unix	10.0.0.31				
cca unix	10.1.0.31	T	accepted	accepted	accepted
cctc	10.0.0.20	-t	accepted	accepted	accepted
centacs-mmp	10.0.0.60		u n r	eacha	h l e
centacs mmp	10.3.0.60		a II I	dead	DIC
cincpacflt-wm	10.1.0.36			u e a u	
cit-20	10.0.0.54	T	accented	accepted	accepted
cit-vax	10.1.0.54	T	accepted		
clarksburg-expak	8.0.0.4			e a c h a	
clarksburg-monitor				eacha	
cmu cmu	128.2.254.255	9	a II I	dead	DIC
cmu-cs-a	10.1.0.14		accepted	accepted	accepted
cmu-cs-b	10.0.0.14		accepted	accepted	ассерсса
cmu-cs-c	10.3.0.14				
cmu-cs-cad	128.2.254.133			dead	
cmu-cs-g	128.2.254.132			dead	
cmu-cs-gandalf	128.2.254.140			dead	
cmu-cs-ius	128.2.254.128			dead	
cmu-cs-j	128.2.254.144			dead	
cmu-cs-k	128.2.254.136			dead	
cmu-cs-ps	128.2.254.130			dead	
cmu-cs-speech	128.2.254.145			dead	
cmu-cs-spice	128.2.254.139			dead	
cmu-cs-vlsi	128.2.254.129			dead	
cmu-cs-zog	128.2.254.131			dead	
cmu-ri-fas	128.2.254.138			dead	
cmu-ri-isl	128.2.254.143			dead	
cmu-ri-leg	128.2.254.141			dead	
coins-gateway	10.1.0.57				
coins-tas	10.0.0.36				
collins-pr	10.0.0.46	T		dead	
cornell	10.3.0.96	-tfs	accepted	accepted	accepted
csnet-cic	3.0.0.14	-tfs	accepted	accepted	accepted
csnet-purdue	10.2.0.37	-tfs	accepted	accepted	accepted
csnet-sh	192.5.2.3	T	accepted	accepted+	
dcn1	128.4.0.1	-tfs	accepted	accepted+	accepted
dcn2	128.4.0.2	-tfs	accepted	accepted+	accepted
dcn3	128.4.0.3	-tfs	accepted	accepted+	accepted
dcn4	128.4.0.4	-tfs		dead	
dcn5	128.4.0.5	-tfs	accepted	accepted+	accepted
dcn6	128.4.0.6	-tfs	accepted	accepted+	accepted
dcn7	128.4.0.7	-tfs		dead	
dcn8	128.4.0.8	-tfs		dead	
dcn9	128.4.0.9	-tfs		d e a d	
dec-2136	10.0.0.79	T		d e a d	
Page 3					
J					
dec-marlboro	10.1.0.79	T			
dfvlr1	128.7.0.1	-tfs		eacha	
dfvlr2	128.7.0.2	-tfs		eacha	
dfvlr3	128.7.0.3	-tfs		eacha	
dfvlr7	128.7.0.7	-tfs	unr	eacha	рје
dti	10.1.0.12			dead	
dti-vms	10.0.0.12	s	accepted	accepted	accepted
dtnsrdc	10.1.0.81		0 0 0 0 0 0 1		
edn-host1 edn-unix	21.1.0.1	-tfs	accepted		2002+
ean-unix	10.3.0.20	-tfs	accepted		accepted

	10.0.0.59				
etac					
etam-expak	4.0.0.1				
etam-monitor	4.0.0.41				
fnoc	10.1.0.33			dead	
fnoc-secure	10.3.0.33				
ford-ecc	128.5.0.11	-tfs		eacha	
ford-eed	128.5.0.14	-tfs	u n r	eacha	b l e
ford-ers	128.5.0.13	-tfs	u n r	eacha	b l e
ford-foe	128.5.0.15	-tfs	u n r	eacha	b l e
ford-lab	128.5.0.8	-tfs	unr	eacha	b l e
ford-res	128.5.0.10	-tfs	u n r	eacha	b l e
ford-srl	128.5.0.12	-tfs	unr	eacha	b l e
ford-vax	128.5.0.9	-tfs	unr	eacha	b l e
ford-wdl1	128.5.32.1	-tfs	unr	eacha	b l e
ford-wdl2	128.5.32.2	-tfs		eacha	
ford-wdl3	128.5.32.3	-tfs		eacha	
ford-wdl4	128.5.32.4	-tfs		eacha	
ford-wdl5	128.5.32.5	-tfs		eacha	
ford-wdl6	128.5.32.6	-t		eacha	
ford1					
	128.5.0.1	-tfs		eacha	
ford2	128.5.0.2	-tfs		eacha	
ford3	128.5.0.3	-tfs		eacha	
ford4	128.5.0.4	-tfs	u n r	eacha	b l e
fucino	4.0.0.88				
fucino-expak	4.0.0.95				
fucino-monitor	4.0.0.94				
goonhilly-expak	4.0.0.2				
goonhilly-monitor	4.0.0.42				
gunter-adam	10.1.0.13		unr	eacha	b l e
gunter-unix	10.0.0.13				
harv-10	10.0.0.9				
hi-multics	10.0.0.80				
isi-png11	10.1.0.27				
isi-speech11	10.0.0.22				
isi-vaxa	10.2.0.27	-t	accepted	accepted	accepted
jpl-vax	10.3.0.54		accepted	d e a d	accepted
kestrel	10.3.0.34			u e a u	
lbl	10.0.0.34				
lbl-csam	10.1.0.34	s			
11	10.0.0.10				
11-11	10.3.0.10		refused	refused	refused
ll-asg	10.1.0.44			dead	
ll-iptcp	10.3.44.10	T			
ll-tcp	10.1.0.10	T	accepted	accepted	accepted
ll-xn	10.2.0.10				
Page 4					
111-mfe	10.1.0.21				
lll-unix	10.0.0.21			dead	
logicon	10.2.0.3			dead	
martin	10.3.0.53				
martin-b	10.1.0.64		accepted	accepted	accepted
mcclellan	10.3.0.78		30F 000	d e a d	
mit-ai	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	10 2 0 6				
mit-aisv	10.2.0.6	 -+f-	accent od	accented	accented
mit-ajax	18.10.0.64	-tf-	accepted		
mit-cls	18.10.0.64 18.10.0.76	-tf- -tfs	accepted		accepted
mit-cls mit-csr	18.10.0.64 18.10.0.76 18.10.0.8	-tf- -tfs s	accepted accepted	accepted	accepted accepted
<pre>mit-cls mit-csr mit-devmultics</pre>	18.10.0.64 18.10.0.76 18.10.0.8 10.3.0.31	-tf- -tfs s -t-s	accepted accepted		accepted accepted
<pre>mit-cls mit-csr mit-devmultics mit-dms</pre>	18.10.0.64 18.10.0.76 18.10.0.8 10.3.0.31 10.1.0.6	-tf- -tfs s -t-s	accepted accepted u n r	accepted e a c h a	accepted accepted b l e
<pre>mit-cls mit-csr mit-devmultics</pre>	18.10.0.64 18.10.0.76 18.10.0.8 10.3.0.31	-tf- -tfs s -t-s	accepted accepted	accepted	accepted accepted

	10 2 0 6				
mit-ml mit-multics	10.3.0.6				
	10.0.0.6	-t-s			
mit-tstgw	10.2.0.44	T	. 1	dead	.
mit-xx	10.0.0.44		accepted	accepted+	reiused
mitre	10.0.0.17	T			
mitre-bedford	10.0.0.66				
nadc	10.2.0.24				
nalcon	10.0.0.81				
nbs-pl	10.3.0.19				
nbs-sdc	10.1.0.19				
nbs-unix	10.2.0.19				
nbs-vms	10.0.0.19				
ncsc	10.1.0.53			dead	
ndre1	48.3.1.41	-tfs	accepted	accepted+	accepted
nems	10.3.0.81	-tfs	accepted	accepted	accepted
nlm-mcs	10.0.0.88		accepted	accepted	accepted
nosc-cc	10.0.0.3		accepted	accepted	accepted
nosc-sdl	10.1.0.35		_	_	_
nosc-secure2	10.0.0.35				
nosc-secure3	10.3.0.35			dead	
nosc-spel	10.1.0.3			dead	
nprdc	10.3.0.3		accepted	accepted	accepted
nps	10.0.0.33	T	accepted	accepted	accepted
nrl	10.0.0.8				
nrl-aic	10.1.0.8	T	accepted	accepted	accepted
nrl-css	10.7.0.8		accepted	accepted	refused
			accepted	accepted	rerused
nrl-tops10	10.3.0.8				
nswc-dl	10.0.0.84				
nswc-wo	10.2.0.8			dead	
nusc	10.3.0.92			dead	
nusc-npt	10.2.0.92				
nwc-387a	10.0.0.85			dead	
nwc-387b	10.3.0.85				
	40 4 0 0=				
nwc-elf	10.1.0.85		unr	eacha	рте
nwc-elf nyu	10.0.0.58		unr	eacna	рте
nwc-elf nyu office-1	10.0.0.58	 T	unr	eacna	
nwc-elf nyu office-1 office-10	10.0.0.58		u n r	e a c n a	refused
nwc-elf nyu office-1 office-10 office-12	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93	 T			
nwc-elf nyu office-1 office-10	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43	 T -tf-	accepted	refused	refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93	 T -tf- T	accepted	refused	refused
nwc-elf nyu office-1 office-10 office-12 office-2	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43	 T -tf- T	accepted accepted	refused refused	refused refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.2.0.43	 T -tf- T T	accepted accepted	refused refused refused	refused refused refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.2.0.43 10.3.0.43	T T Tt	accepted accepted accepted refused	refused refused refused refused	refused refused refused refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.2.0.43 10.3.0.43 10.0.0.93	T T Tt	accepted accepted refused accepted	refused refused refused refused	refused refused refused refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.2.0.43 10.3.0.43 10.0.0.93	T T Tt	accepted accepted refused accepted	refused refused refused refused	refused refused refused refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.2.0.43 10.3.0.43 10.0.0.93	T T Tt	accepted accepted refused accepted	refused refused refused refused	refused refused refused refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.2.0.43 10.3.0.43 10.3.0.43	T T Tt	accepted accepted refused accepted	refused refused refused refused	refused refused refused refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.2.0.43 10.3.0.43 10.0.0.93 10.3.0.46	T T Ttt	accepted accepted accepted refused accepted accepted	refused refused refused refused refused	refused refused refused refused refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.2.0.43 10.3.0.43 10.0.0.93 10.3.0.46	T Tttt	accepted accepted refused accepted accepted un r	refused refused refused refused e a c h a	refused refused refused refused refused b l e
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix purdue	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.3.0.43 10.3.0.43 10.0.0.93 10.3.0.46	T T Tt	accepted accepted refused accepted accepted un raccepted	refused refused refused refused refused	refused refused refused refused refused refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix purdue purdue-tn	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.3.0.43 10.3.0.43 10.0.0.93 10.3.0.46	T Tttt	accepted accepted refused accepted accepted un raccepted	refused refused refused refused e a c h a	refused refused refused refused refused refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix purdue purdue-tn radc-multics	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.3.0.43 10.3.0.43 10.3.0.46 10.0.0.93 10.3.0.46	T T Tttfs -tfs	accepted accepted refused accepted accepted accepted u n r	refused refused refused refused e a c h a accepted e a c h a	refused refused refused refused refused refused b l e accepted b l e
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix purdue purdue-tn radc-multics radc-tops20	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.3.0.43 10.3.0.43 10.3.0.46 10.0.0.93 10.3.0.46	T T Tttfs -tfs	accepted accepted refused accepted accepted un raccepted	refused refused refused refused refused	refused refused refused refused refused refused b l e accepted b l e
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix purdue purdue-tn radc-multics radc-tops20 radc-unix	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.2.0.43 10.3.0.43 10.0.0.93 10.3.0.46	T T Tttfs -tfs -tfs -tfs	accepted accepted refused accepted accepted accepted u n r	refused refused refused refused e a c h a accepted e a c h a accepted+	refused refused refused refused refused refused b l e accepted b l e
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix purdue purdue-tn radc-multics radc-tops20 radc-unix radc-xper	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.2.0.43 10.3.0.43 10.0.0.93 10.3.0.46	T T Tttfs -tfs -tfs -tfs -	accepted accepted refused accepted accepted accepted u n r	refused refused refused refused e a c h a accepted e a c h a	refused refused refused refused refused refused b l e accepted b l e
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix purdue purdue-tn radc-multics radc-tops20 radc-unix radc-xper raisting	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.3.0.43 10.3.0.43 10.0.0.93 10.3.0.46 10.0.0.32 10.3.0.26 128.10.0.1 14.0.0.1 10.0.0.18 10.3.0.18 10.5.0.18 10.1.0.18 4.0.0.72	T T Ttttfs -tfs -tfs -tfs -	accepted accepted refused accepted accepted accepted u n r	refused refused refused refused e a c h a accepted e a c h a accepted+	refused refused refused refused refused refused b l e accepted b l e
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix purdue purdue-tn radc-multics radc-tops20 radc-unix radc-xper raisting raisting-expak	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.3.0.43 10.3.0.43 10.3.0.46 10.0.0.93 10.3.0.46	T T Ttttfs -tfs -tfstfs	accepted accepted refused accepted accepted accepted u n r	refused refused refused refused e a c h a accepted e a c h a accepted+	refused refused refused refused refused refused b l e accepted b l e
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix purdue purdue-tn radc-multics radc-tops20 radc-unix radc-xper raisting raisting-expak raisting-monitor	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.3.0.43 10.3.0.43 10.3.0.46 10.0.0.93 10.3.0.46	T T Ttttfs -tfs -tfstfs	accepted accepted refused accepted accepted accepted unr accepted	refused refused refused refused refused e a c h a accepted e a c h a accepted+d e a d	refused refused refused refused refused b l e accepted b l e refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix purdue purdue-tn radc-multics radc-tops20 radc-unix radc-xper raisting raisting-expak raisting-monitor rand-relay	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.3.0.43 10.3.0.43 10.3.0.46 10.0.0.32 10.3.0.26 128.10.0.1 14.0.0.1 10.0.0.18 10.3.0.18 10.3.0.18 10.5.0.18 10.1.0.18 4.0.0.72 4.0.0.79 4.0.0.78 10.1.0.7	T T T Ttttfs -tfs -tfs	accepted accepted refused accepted accepted unr accepted accepted	refused refused refused refused refused e a c h a accepted e a c h a accepted d e a d accepted d e a d	refused refused refused refused ble accepted ble refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix purdue purdue-tn radc-multics radc-tops20 radc-unix radc-xper raisting raisting-expak raisting-monitor rand-relay rand-unix	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.2.0.43 10.3.0.43 10.0.0.93 10.3.0.46	T T Ttttfs -tfs -tfstfs	accepted accepted refused accepted accepted accepted unr accepted	refused refused refused refused refused e a c h a accepted e a c h a accepted+d e a d accepted+d e a d	refused refused refused refused refused b l e accepted b l e refused
nwc-elf nyu office-1 office-10 office-12 office-2 office-3 office-7 office-8 okc-unix Page 5 parc-maxc pent-unix purdue purdue-tn radc-multics radc-tops20 radc-unix radc-xper raisting raisting-expak raisting-monitor rand-relay	10.0.0.58 10.0.0.43 10.1.0.93 10.2.0.93 10.1.0.43 10.3.0.43 10.3.0.43 10.3.0.46 10.0.0.32 10.3.0.26 128.10.0.1 14.0.0.1 10.0.0.18 10.3.0.18 10.3.0.18 10.5.0.18 10.1.0.18 4.0.0.72 4.0.0.79 4.0.0.78 10.1.0.7	T T T Ttttfs -tfs -tfs	accepted accepted refused accepted accepted unr accepted accepted	refused refused refused refused refused e a c h a accepted e a c h a accepted d e a d accepted d e a d	refused refused refused refused ble accepted ble refused

rutgers	10.2.0.58		accepted	accepted+	accepted
s1-a	10.1.0.95		-	-	-
s1-b	10.2.0.95			dead	
s1-c	10.3.0.95		accepted	accepted	accepted
s1-gateway	10.0.0.95		-	-	-
sandia	10.0.0.87		accepted	accepted+	accepted
satnet	4.0.0.0		-	-	-
satnet-sink	4.0.0.37				
seismo	10.0.0.25		accepted	accepted	accepted
src-ccp	10.0.0.39			eacha	
src-nep	10.2.0.39		unr	eacha	b l e
src-unix	10.1.0.39		unr	eacha	b l e
sri-ai	10.2.0.73				
sri-csl	10.2.0.2				
sri-iu	10.3.0.73		accepted	accepted+	accepted
sri-kl	10.1.0.2		accepted	accepted+	
sri-nic	10.0.0.73	-t	accepted	refused	refused
sri-nsc11	10.0.0.2				
sri-prmh	10.3.2.51	T	accepted	accepted	refused
sri-sta2	10.3.1.51			-1	
sri-sta6	10.1.1.51				
sri-tsc	10.3.0.2	-tfs			
sri-unix	10.2.0.51				
sri-warf	10.1.0.73				
rijoyce	10.1.4.51	-tf-	accepted	accepted	refused
st-nic	10.0.0.51	-t	accepted	refused	refused
su-ai	10.0.0.11				
su-dsn	10.1.0.56				
su-score	10.3.0.11	-t		dead	
sumex-aim	10.0.0.56				
anum-expak	4.0.0.3				
anum-monitor	4.0.0.43				
cycho	10.0.0.57				
icb-arpa	10.0.0.78	-tf-	refused	refused	refused
icb-c70	10.1.0.78				
cb-ingres	10.2.0.78	-tf-		dead	
ıcbarpa	46.0.0.4	-tf-		dead	
ıcbcad	46.0.0.5	-tf-		dead	
ıcbcalder	46.0.0.12	-tf-		dead	
ıcbdali	46.0.0.13	-tf-		dead	
cbernie	46.0.0.6	-tf-		dead	
	20.0.0.0	<u>-</u>			
Page 6					
ıcbesvax	46.0.0.9	-tf-		dead	
ıcbingres	46.0.0.19	-tf-		dead	
ıcbkim	46.0.0.11	-tf-		dead	
ıcbmatisse	46.0.0.14	-tf-		dead	
ıcbmedea	46.0.0.15	-tf-		dead	
ıcbmonet	46.0.0.7	-tf-		dead	
ıcbvax	46.0.0.10	-tf-		dead	
icl-cs	11.3.1.42	-t	accepted		refused
icl-ucl2	11.3.2.42		-		
ici-uciz	11.3.3.42			dead	
icl-ucl3	11.0.0.14			dead	
	11.3.4.42				
icl-ucl3	11.3.4.42				
ucl-ucl3 ucl-ucl4				dead	
ucl-ucl3 ucl-ucl4 ucl-ucl5	11.3.4.42 11.3.5.42 11.3.6.42	 			
ucl-ucl3 ucl-ucl4 ucl-ucl5 ucl-ucl6	11.3.4.42 11.3.5.42 11.3.6.42 11.3.7.42	 		dead	
ucl-ucl3 ucl-ucl4 ucl-ucl5 ucl-ucl6 ucl-ucl7	11.3.4.42 11.3.5.42 11.3.6.42	 T	accepted	d e a d d e a d	

ucla-security udel-ee	10.2.0.1	 -tf-	accepted	d e a d accepted	accepted
udel-relay	10.0.0.96	 -t.f-			
udel-tcp udel-tn	10.1.0.96	-ti- -tfs	accepted	accepted	accepted
umd1	14.0.0.3 128.8.0.1	-tis -tfs	u n r accepted	e a c h a accepted+	
umd2		-trs	refused	refused	refused
umd3	128.8.0.2	-tfs			
umd4	128.8.0.3 128.8.0.4	-tis -tis	accepted	accepted+ d e a d	accepted
umd5	128.8.0.5	-tis -tis	a a a a a b a a		o a a o n t o d
umd6	128.8.0.5	-tis -tis	accepted	accepted+ d e a d	accepted
umd7	128.8.0.7	-tis -tfs	refused	a e a a refused	refused
	10.2.0.69	-LIS	rerusea	d e a d	rerusea
usafa-gateway	10.2.0.69	 -t			
usc-ecl usc-eclb	10.3.0.23	-t	accepted	accepted+	
		-t	accepted	accepted+	
usc-eclc	10.1.0.23		accepted	accepted+	
usc-isi	10.1.0.22	-t-s	accepted	accepted+	
usc-isib	10.3.0.52	-t-s	accepted	accepted+	
usc-isid	10.0.0.27	-t-s	accepted	accepted+	
usc-isie	10.1.0.52	-t-s	accepted	accepted+	
usc-isif	10.2.0.52	-t-s	accepted	accepted+	accepted
usgs1-amdahl	10.2.0.68				
usgs1-multics	10.0.0.68				
usgs2-multics	10.0.0.69				
usgs3-multics	10.0.0.70				
utah-20	10.3.0.4	T	accepted	accepted+	refused
utah-cs	10.0.0.4	-tfs	accepted	accepted	accepted
utexas-11	10.0.0.62		accepted	accepted	refused
utexas-20	10.1.0.62				
uw-vlsi	10.3.0.91	-tf-		dead	
uwisc-tn	14.0.0.2	-tfs	unr	eacha	b l e
washington	10.0.0.91		accepted	accepted+	accepted
wharton-10	10.3.0.24				
wpafb	10.0.0.47				
wpafb-afwal	10.1.0.47				
yale	10.2.0.9				
Aba	10.0.0.75		unr	eacha	b l e

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Results in host table order:

Name	Address	Claims	Telnet	FTP	SMTP
ucla-ats	10.0.0.1			dead	
11	10.0.0.10				
su-ai	10.0.0.11				
dti-vms	10.0.0.12	s	accepted	accepted	accepted
gunter-unix	10.0.0.13				
cmu-cs-b	10.0.0.14				
ames-67	10.0.0.16	\mathbf{T}			
mitre	10.0.0.17	T			
radc-multics	10.0.0.18				
nbs-vms	10.0.0.19				
sri-nsc11	10.0.0.2				
cctc	10.0.0.20	-t			
lll-unix	10.0.0.21			dead	
isi-speech11	10.0.0.22				
usc-eclb	10.0.0.23	-t	accepted	accepted+	accepted

arpa-dms						
arpa-dms	eismo	10.0.0.25		accepted	accepted	accepted
br1 10.0.0.29 nosc-cc 10.0.0.3 nosc-cca-unix 10.0.0.31 aparc-maxc 10.0.0.32 nps 10.0.0.33 slb1 10.0.0.35 scc-ccp 10.0.0.35 src-ccp 10.0.0.43 woffice-1 10.0.44 mit-xx 10.0.0.44 collins-pr 10.0.0.44 mbps 10.0.0.44 delad accepted accepted refused afwl 10.0.0.47 accepted refused refused st-nic 10.0.0.51 -t	sc-isid	10.0.0.27	-t-s	accepted	accepted+	accepted
	rpa-dms	10.0.0.28				
	1					
Document				accepted	accepted	accepted
parc-maxe						<u>-</u>
The content of the						
10.0 0.34						
10.0.0.35			=			
Coins-tas 10.0.0.36						
autah-cs 10.0.0.4 -tfs accepted accepted accepted office-1 10.0.0.43 T accepted accepted+ refuse mit-xx 10.0.0.44 T dead dead wpafb 10.0.0.47 accepted de ad abbnb 10.0.0.48 accepted refused bbnb 10.0.0.51 -t accepted refused refused st-nic 10.0.0.51 -t accepted refused refused ada-vax 10.0.0.52 accepted accepted refused refused 10.0.0.53 T accepted accepted accepted afsc-ad 10.0.0.53 T accepted accepted accepted anl 10.0.0.55 accepted accepted accepted anl 10.0.0.55 unreacepted accepted accepted accepted atsumex-aim 10.0.0.56					1	1- 1 -
office-1 10.0.0.43 T accepted accepted+ refuse collins-pr 10.0.0.44 T accepted accepted+ refuse collins-pr 10.0.0.46 T de a d e a d ways afb 10.0.0.47 T afwl 10.0.0.48 T accepted refused refused bbnb 10.0.0.49 T accepted refused refused bbnb 10.0.0.5 T accepted refused refused refused accepted refused accepted refused refused accepted refused refused accepted refused	-					
				accepted	accepted	accepted
Collins-pr			=	_	_	
wpafb 10.0.0.47 afwl 10.0.0.48 bbnb 10.0.0.49 -t accepted refused bbnf 10.0.0.51 -t accepted refused st-nic 10.0.0.51 -t accepted refused ada-vax 10.0.0.52 accepted accepted afsc-ad 10.0.0.53 T accepted accepted accepted anl 10.0.0.55 d e a d accepted accepted sumex-aim 10.0.0.56 tycho 10.0.0.57 accepted accepte				accepted		refused
afwl 10.0.0.48 bbnb 10.0.0.49 -t accepted refused bbnf 10.0.0.5 -tf- accepted accepted refused st-nic 10.0.0.51 -t accepted refused refused ada-vax 10.0.0.52 accepted accepted refused adisc-ad 10.0.0.53 T accepted accepted accepted anl 10.0.0.54 T accepted accepted accepted anl 10.0.0.55 dead accepted accepted anl 10.0.0.56 nr accepted accepted accepted anl 10.0.0.55 nr accepted accepted accepted accepted accepted accepted accepted accepted accepted refuse accepted accepted accepted refuse accepted accepted accepted accepted a			T		dead	
Debnb 10.0.0.49						
bbnf	[wl					
St-nic 10.0.0.51	onb	10.0.0.49	-t	accepted	refused	refused
ada-vax	nf	10.0.0.5	-tf-	accepted	accepted	refused
ada-vax	-nic	10.0.0.51	-t	accepted	refused	refused
10.0.0.54 T accepted accepted accepted and 10.0.0.55 d e a d s a d e a d s a d e a d s a d e a d s a d e a d e a d s a d e a d s a a a a a a a a a	la-vax	10.0.0.52				
10.0.0.54 T accepted accepted accepted and 10.0.0.55 d e a d accepted	sc-ad	10.0.0.53	T			
10.0.0.55	t-20		T	accepted	accepted	accepted
### 10.0.0.56 ### 10.0.0.56 ### 10.0.0.57 ### 10.0.0.57 ### 10.0.0.58 ### 10.0.0.59 ### 10.0.0.60 ### 10.0.0.60 ### 10.0.0.60 ### 10.0.0.60 ### 10.0.0.60 ### 10.0.0.65 ### 10.0.0.65 ### 10.0.0.65 ### 10.0.0.66 ### 10.0.0.72 ### 10.0.0.72 ### 10.0.0.73 ### 10.0.0.75 ### 10.0.0.75 ### 10.0.0.75 ### 10.0.0.76 ##				-1		
tycho						
10.0.0.58						
10.0.0.59						
### ##################################						
10.0.0.60						
10.0.0.62						h l o
### ### ##############################	-					
Page 8 afsc-hq				accepted	accepted	refused
Page 8 afsc-hq						
afsc-hq 10.0.0.67 asgs1-multics 10.0.0.68 asgs2-multics 10.0.0.69 asgs3-multics 10.0.0.70 asgs3-multics 10.0.0.72s ascepted refused	.tre-bediord	10.0.0.66				
usgs1-multics 10.0.0.68 usgs2-multics 10.0.0.70 ubon-nu 10.0.0.72 s sri-nic 10.0.0.73 -t accepted refused r	ige 8					
usgs2-multics 10.0.0.69 usgs3-multics 10.0.0.70 bbn-nu 10.0.0.72 s sri-nic 10.0.0.73 -t accepted refused refused ypg 10.0.0.75 unrearch able ucb-arpa 10.0.0.78 -tf- refused refused refused dec-2136 10.0.0.79 T dead nrl 10.0.0.8 nalcon 10.0.0.8 nalcon 10.0.0.81 nswc-dl nswc-387a 10.0.0.85 accepted accepted+ accepted nlm-mcs 10.0.0.87 accepted accepted accepted accepted nlm-mcs 10.0.0.9 accepted accepted accepted accepted narv-10 10.0.0.9 accepted accepted accepted refused office-8 10.0.0.93 accepted refused refused s1-gateway 10.0.0.96 udel-relay 10.0.0.96	sc-hq	10.0.0.67				
usgs2-multics 10.0.0.69 usgs3-multics 10.0.0.70 bbn-nu 10.0.0.72 s sri-nic 10.0.0.73 -t accepted refused refused ypg 10.0.0.75 unrearch able ucb-arpa 10.0.0.78 -tf- refused refused refused dec-2136 10.0.0.79 T dead nrl 10.0.0.8 acead hi-multics 10.0.0.80 nalcon 10.0.0.84 nswc-387a 10.0.0.85 dead sandia 10.0.0.87 accepted accepted+ accept nlm-mcs 10.0.0.88 accepted accepted accepted accepted harv-10 10.0.0.9 accepted accepted+ accept washington 10.0.0.93 accepted refused refused s1-gateway 10.0.0.96 udel-relay 10.0.0.96	gs1-multics	10.0.0.68				
10.00.0.70		10.0.0.69				
10.0.0.72	_					
sri-nic 10.0.0.73 -t accepted refused refused refused ypg 10.0.0.75 u n r e a c h a b l e ucb-arpa 10.0.0.78 -tf- refused refused refused dec-2136 10.0.0.79 T d e a d nrl 10.0.0.8 d e a d hi-multics 10.0.0.80 d e a d nalcon 10.0.0.84 d e a d nwc-387a 10.0.0.85 accepted accepted+ accept nlm-mcs 10.0.0.87 accepted accepted+ accept harv-10 10.0.0.9 accepted accepted+ accept washington 10.0.0.91 accepted refused refused office-8 10.0.0.93 accepted refused refused s1-gateway 10.0.0.96 udel-relay 10.0.0.96	_		g			
10.0.0.75				accepted	refused	refused
10.0.0.78				-		
dec-2136						
10.0.0.8 ni-multics 10.0.0.80 nalcon 10.0.0.81 nswc-dl 10.0.0.85 de a d sandia 10.0.0.87 accepted accepted+ accept nlm-mcs 10.0.0.88 accepted accepted accepted narv-10 10.0.0.9 washington 10.0.0.91 accepted accepted+ accept office-8 10.0.0.93 accepted refused refuse s1-gateway 10.0.0.96				TETUBEU		1 CI USEU
ni-multics 10.0.0.80 nalcon 10.0.0.81 nswc-dl 10.0.0.84 nwc-387a 10.0.0.85 de a d sandia 10.0.0.87 accepted accepted+ accept nlm-mcs 10.0.0.88 accepted accepted accept narv-10 10.0.0.9 washington 10.0.0.91 accepted accepted+ accept office-8 10.0.0.93 accepted refused refuse s1-gateway 10.0.0.95 udel-relay 10.0.0.96			1		ueau	
10.0.0.81	-					
10.0.0.84						
nwc-387a 10.0.0.85 d e a d sandia 10.0.0.87 accepted accepted+ accept nlm-mcs 10.0.0.88 accepted accepted accept narv-10 10.0.0.9 accepted accepted+ accept washington 10.0.0.91 accepted refused refused office-8 10.0.0.93 accepted refused s1-gateway 10.0.0.95 udel-relay 10.0.0.96						
sandia 10.0.0.87 accepted acce						
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narv-10 10.0.0.9 washington 10.0.0.91 accepted accepted+ accept office-8 10.0.0.93 accepted refused refuse sl-gateway 10.0.0.95 udel-relay 10.0.0.96						
washington 10.0.0.91 accepted accepted+ accepted office-8 10.0.0.93 accepted refused refused refused refused 10.0.0.95 adel-relay 10.0.0.96				accepted	accepted	accepted
office-8 10.0.0.93 accepted refused refuse s1-gateway 10.0.0.95 udel-relay 10.0.0.96	rv-10	10.0.0.9				
s1-gateway 10.0.0.95 udel-relay 10.0.0.96	shington	10.0.0.91		accepted	accepted+	accepted
sl-gateway 10.0.0.95 udel-relay 10.0.0.96	fice-8	10.0.0.93		accepted	refused	refused
udel-relay 10.0.0.96				_		
-						
acla-ccn $10.1.0.1$ T accepted	cla-ccn	10.1.0.1	T	accepted		
					accented	accepted
dti $10.1.0.12$ d e a d				accepted		accepted

gunter-adam	10.1.0.13		unr	eacha	b l e
cmu-cs-a	10.1.0.14		accepted	accepted	accepted
radc-xper	10.1.0.18			dead	
nbs-sdc	10.1.0.19				
sri-kl	10.1.0.2		accepted	accepted+	refused
lll-mfe	10.1.0.21				
usc-isi	10.1.0.22	-t-s	accepted	accepted+	accepted
usc-eclc	10.1.0.23	-t	accepted	accepted+	accepted
isi-png11	10.1.0.27				
nosc-spel	10.1.0.3			dead	
cca-vms	10.1.0.31	T	accepted	accepted	accepted
fnoc	10.1.0.33			dead	
lbl-csam	10.1.0.34	s			
nosc-sdl	10.1.0.35				
cincpacflt-wm	10.1.0.36				
bragg-stal	10.1.0.38	-t		dead	
src-unix	10.1.0.39		u n r	eacha	b l e
office-2	10.1.0.43	T			
ll-asg	10.1.0.44			dead	
wpafb-afwal	10.1.0.47				
bbng	10.1.0.5	-tf-	accepted		_
usc-isie	10.1.0.52	-t-s	accepted	accepted+	accepted
ncsc	10.1.0.53			dead	
cit-vax	10.1.0.54	T	accepted	accepted	accepted
anl-mcs	10.1.0.55			dead	
su-dsn	10.1.0.56				
coins-gateway	10.1.0.57				
bnl	10.1.0.58				
mit-dms	10.1.0.6				
utexas-20	10.1.0.62				
Page 9					
martin-b	10.1.0.64		accepted	accepted	accepted
afgl	10.1.0.66		_	_	_
rand-relay	10.1.0.7		accepted	accepted	refused
sri-warf	10.1.0.73		-	-	
ucb-c70	10.1.0.78				
dec-marlboro	10.1.0.79	T			
nrl-aic	10.1.0.8	T	accepted	accepted	accepted
dtnsrdc	10.1.0.81			-1	-1
bbn-vax	10.1.0.82	-tfs		dead	
nwc-elf	10.1.0.85		unr	eacha	b l e
office-10	10.1.0.93	-tf-	accepted		refused
s1-a	10.1.0.95				
udel-tcp	10.1.0.96	-tf-	accepted	accepted	accepted
sri-sta6	10.1.1.51		30F 00a		
srijoyce	10.1.4.51	-tf-	accepted	accepted	refused
ucla-security	10.2.0.1		30F 00a	d e a d	
ll-xn	10.2.0.10				
nbs-unix	10.2.0.19				
sri-csl	10.2.0.2				
nadc	10.2.0.24				
isi-vaxa	10.2.0.24	-t	accepted	accepted	accepted
logicon	10.2.0.3		accepted	d e a d	accepted
csnet-purdue	10.2.0.3	-tfs	accent od	accepted	accepted
src-nep	10.2.0.37			e a c h a	
office-3	10.2.0.39	T	accepted		refused
mit-tstgw	10.2.0.43	T	accepted	d e a d	TELUSEU
mrt-tstgw sri-unix	10.2.0.44			ueau	
usc-isif	10.2.0.51	-t-s	accepted	accepted+	accent od
MPC IDII	10.2.0.32	- L - B	accepted	accepteu+	accepted

afsc-dev	10.2.0.53		accepted	accepted	
acc	10.2.0.54				
rutgers	10.2.0.58		accepted	accepted+	accepted
mit-ai	10.2.0.6				
aerospace	10.2.0.65	T		dead	
usgs1-amdahl	10.2.0.68				
usafa-gateway	10.2.0.69			dead	
bbn-clxx	10.2.0.71	-tfs	accepted		accepted
bbnp	10.2.0.71	-tfs	accepted		
			accepted	accepted	accepted
sri-ai	10.2.0.73				
ucb-ingres	10.2.0.78	-tf-		dead	
nswc-wo	10.2.0.8			dead	
yale	10.2.0.9				
nusc-npt	10.2.0.92				
office-12	10.2.0.93	T	accepted	refused	refused
s1-b	10.2.0.95			dead	
udel-ee	10.2.0.96	-tf-	accepted	accepted	accepted
ucla-locus	10.3.0.1		accepted		accepted
11-11	10.3.0.10		refused	refused	refused
			rerused		rerusea
su-score	10.3.0.11	-t		dead	
cmu-cs-c	10.3.0.14				
ames-11	10.3.0.16				
radc-tops20	10.3.0.18		accepted	accepted+	refused
nbs-pl	10.3.0.19				
sri-tsc	10.3.0.2	-tfs			
edn-unix	10.3.0.20	-tfs	accepted		accepted
usc-ecl	10.3.0.23	-t	accepted	accepted+	-
abo 001	10.0.0.20	Ü	accepted	accep cca	accep coa
Daga 10					
Page 10					
1 1 10	10 2 0 04				
wharton-10	10.3.0.24				
				_	
pent-unix	10.3.0.26		u n r	eacha	b l e
pent-unix arpa-png11	10.3.0.26 10.3.0.28		unr	eacha	b l e
			unr	eacha	b l e
arpa-png11	10.3.0.28		u n r		
arpa-png11 brl-bmd	10.3.0.28 10.3.0.29		accepted		accepted
arpa-png11 brl-bmd nprdc mit-devmultics	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31		accepted	accepted	accepted
arpa-png11 brl-bmd nprdc mit-devmultics kestrel	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32	 -t-s	accepted	accepted	accepted
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.33	 -t-s	accepted	accepted e a c h a	accepted
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.33 10.3.0.35	 -t-s 	accepted u n r	accepted e a c h a d e a d	accepted b 1 e
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.33 10.3.0.35 10.3.0.4	 -t-s T	accepted u n r	accepted e a c h a d e a d accepted+	accepted b 1 e refused
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.33 10.3.0.35 10.3.0.4	 -t-s T -t	accepted unr accepted refused	accepted e a c h a d e a d accepted+refused	accepted b 1 e refused refused
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.33 10.3.0.4 10.3.0.4 10.3.0.43 10.3.0.44	 -t-s T	accepted unr accepted refused refused	accepted e a c h a d e a d accepted+	accepted b 1 e refused
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.33 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.44	 -t-s T -t	accepted u n r accepted refused refused accepted	accepted e a c h a d e a d accepted+ refused refused	accepted ble refused refused refused
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.33 10.3.0.4 10.3.0.4 10.3.0.43 10.3.0.44	 -t-s T -t	accepted unr accepted refused refused	accepted e a c h a d e a d accepted+refused	accepted b 1 e refused refused
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.33 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.44	 -t-s T -t	accepted u n r accepted refused refused accepted	accepted e a c h a d e a d accepted+ refused refused	accepted ble refused refused refused
arpa-png11 brl-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.33 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.44	 -t-s T -t -t	accepted unr accepted refused refused accepted accepted	accepted e a c h a d e a d accepted+ refused refused refused	accepted ble refused refused refused refused
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.44 10.3.0.49 10.3.0.5 10.3.1.51	 -t-s T -t -t -tf-	accepted unr accepted refused refused accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused refused accepted	accepted ble refused refused refused refused accepted
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.49 10.3.0.5 10.3.0.5 10.3.1.51 10.3.2.51	t-s Ttttf T	accepted unr accepted refused refused accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused refused accepted accepted	accepted ble refused refused refused refused accepted refused
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.46 10.3.0.49 10.3.0.5 10.3.0.5 10.3.0.5	t-s Ttttf Ttf	accepted unr accepted refused refused accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused refused accepted	accepted ble refused refused refused refused accepted refused
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.46 10.3.0.49 10.3.0.5 10.3.0.5 10.3.0.5	t-s Tttttf Tt-ss	accepted unr accepted refused refused accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused refused accepted accepted accepted+	accepted ble refused refused refused refused accepted refused
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin jp1-vax	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.44 10.3.0.46 10.3.0.49 10.3.0.5 10.3.0.5 10.3.0.5	t-s Ttttf Ttf	accepted unr accepted refused refused accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused refused accepted accepted	accepted ble refused refused refused refused accepted refused
arpa-png11 brl-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin jpl-vax mit-ml	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.46 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.52 10.3.0.53 10.3.0.54 10.3.0.54	t-sttttftfttt-s	accepted unr accepted refused refused accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused refused accepted accepted accepted d e a d	accepted ble refused refused refused refused accepted refused
arpa-png11 brl-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin jpl-vax mit-ml centacs-tf	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.49 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.52 10.3.0.53 10.3.0.54 10.3.0.54 10.3.0.54 10.3.0.54	t-s Tttf Tt-s	accepted unr accepted refused refused accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused refused accepted accepted d e a d d e a d	accepted ble refused refused refused refused accepted refused
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin jp1-vax mit-ml centacs-tf robins-unix	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.49 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.52 10.3.0.53 10.3.0.60 10.3.0.60 10.3.0.64	t-sttttftfttt-s	accepted unr accepted refused refused accepted accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused accepted accepted accepted d e a d d e a d d e a d	accepted ble refused refused refused refused accepted refused accepted
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin jp1-vax mit-ml centacs-tf robins-unix rand-unix	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.49 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.52 10.3.0.53 10.3.0.54 10.3.0.54 10.3.0.54 10.3.0.54	t-s Tttf Tt-s	accepted unr accepted refused refused accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused refused accepted accepted d e a d d e a d	accepted ble refused refused refused refused accepted refused
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin jp1-vax mit-ml centacs-tf robins-unix	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.49 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.52 10.3.0.53 10.3.0.60 10.3.0.60 10.3.0.64	t-s Tttf Tt-s	accepted unr accepted refused refused accepted accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused accepted accepted accepted d e a d d e a d d e a d	accepted ble refused refused refused refused accepted refused accepted
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin jp1-vax mit-ml centacs-tf robins-unix rand-unix	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.49 10.3.0.5 10.3.1.51 10.3.2.51 10.3.2.51 10.3.0.52 10.3.0.53 10.3.0.54 10.3.0.64 10.3.0.60 10.3.0.64 10.3.0.7	t-stttft-st-s	accepted unr accepted refused refused accepted accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused accepted accepted accepted d e a d d e a d d e a d refused	accepted ble refused refused refused refused accepted refused accepted
arpa-png11 br1-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin jp1-vax mit-ml centacs-tf robins-unix rand-unix sri-iu mcclellan	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.49 10.3.0.5 10.3.1.51 10.3.2.51 10.3.2.51 10.3.0.52 10.3.0.52 10.3.0.53 10.3.0.60 10.3.0.60 10.3.0.61 10.3.0.7	t-sttttt	accepted unr accepted refused refused accepted accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused accepted accepted d e a d d e a d d e a d refused accepted+	accepted ble refused refused refused refused accepted refused accepted
arpa-png11 brl-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin jpl-vax mit-ml centacs-tf robins-unix rand-unix sri-iu mcclellan nrl-tops10	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.49 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.52 10.3.0.53 10.3.0.54 10.3.0.60 10.3.0.60 10.3.0.7 10.3.0.73 10.3.0.78 10.3.0.8	t-sttttt-st-st-st-s	accepted unr accepted refused refused accepted accepted accepted accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused accepted accepted+ d e a d d e a d d e a d refused accepted+ d e a d	accepted ble refused refused refused accepted refused accepted accepted
arpa-png11 brl-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin jpl-vax mit-ml centacs-tf robins-unix rand-unix sri-iu mcclellan nrl-tops10 nems	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.49 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.53 10.3.0.53 10.3.0.6 10.3.0.6 10.3.0.6 10.3.0.7 10.3.0.78 10.3.0.8 10.3.0.81	t-s Tttft-stftft-st-st-st-s	accepted unr accepted refused refused accepted accepted accepted accepted accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused accepted accepted+ d e a d d e a d d e a d refused accepted+ d e a d accepted+ d e a d accepted+ d e a d accepted+	accepted ble refused refused refused accepted refused accepted accepted accepted accepted
arpa-png11 brl-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin jpl-vax mit-ml centacs-tf robins-unix rand-unix sri-iu mcclellan nrl-tops10 nems bbns	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.49 10.3.0.5	t-s Ttttt	accepted unr accepted refused refused accepted accepted accepted accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused accepted accepted+ d e a d d e a d d e a d refused accepted+ d e a d	accepted ble refused refused refused accepted refused accepted accepted
arpa-png11 brl-bmd nprdc mit-devmultics kestrel fnoc-secure nosc-secure3 utah-20 office-7 mit-mc okc-unix bbnc bbna sri-sta2 sri-prmh usc-isib martin jpl-vax mit-ml centacs-tf robins-unix rand-unix sri-iu mcclellan nrl-tops10 nems	10.3.0.28 10.3.0.29 10.3.0.3 10.3.0.31 10.3.0.32 10.3.0.35 10.3.0.4 10.3.0.43 10.3.0.44 10.3.0.46 10.3.0.49 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.5 10.3.0.53 10.3.0.53 10.3.0.6 10.3.0.6 10.3.0.6 10.3.0.7 10.3.0.78 10.3.0.8 10.3.0.81	t-s Tttft-stftft-st-st-st-s	accepted unr accepted refused refused accepted accepted accepted accepted accepted accepted accepted	accepted e a c h a d e a d accepted+ refused refused accepted accepted+ d e a d d e a d d e a d refused accepted+ d e a d accepted+ d e a d accepted+ d e a d accepted+	accepted ble refused refused refused accepted refused accepted accepted accepted accepted

nusc	10.3.0.92		_	dead	_
s1-c	10.3.0.95		accepted	accepted	accepted
cornell	10.3.0.96	-tfs	accepted	accepted	accepted
ll-iptcp	10.3.44.10	T			
rochester	10.4.0.18				
bbn-rsm	10.4.0.82	-t	accepted		
radc-unix	10.5.0.18				
bbn-noc2	10.6.0.82	-tfs	accepted	accepted	accepted
nrl-css	10.7.0.8		accepted	accepted	refused
ucl-cs	11.3.1.42	-t	accepted		refused
ucl-ucl2	11.3.2.42				
ucl-ucl3	11.3.3.42			dead	
ucl-ucl4	11.3.4.42			dead	
ucl-ucl5	11.3.5.42				
ucl-ucl6	11.3.6.42			dead	
ucl-ucl7	11.3.7.42			dead	
cmu-cs-ius	128.2.254.128	-tfs		dead	
cmu-cs-vlsi	128.2.254.129			dead	
cmu-cs-ps	128.2.254.130			dead	
cmu-cs-zog	128.2.254.131			dead	
cmu-cs-g	128.2.254.131			dead	
cmu-cs-cad	128.2.254.132			dead	
				dead	
cmu-cs-k cmu-ri-fas	128.2.254.136			dead	
Cmu-ri-las	128.2.254.138	-tis		aeaa	
Page 11					
cmu-cs-spice	128.2.254.139	-t.fs		dead	
cmu-cs-gandalf	128.2.254.140			dead	
cmu-ri-leg	128.2.254.141			dead	
cmu-ri-isl	128.2.254.143			dead	
cmu-cs-j	128.2.254.144			dead	
cmu-cs-speech	128.2.254.145			dead	
cmu es specen	128.2.254.255			dead	
purdue	128.10.0.1	-tfs	accepted	accepted	accepted
dcn1	128.4.0.1	-tfs	-		
dcn2		-tis -tfs	accepted	accepted+	
dcn2 dcn3	128.4.0.2 128.4.0.3		accepted	accepted+ accepted+	_
		-tfs	accepted		accepted
dcn4	128.4.0.4	-tfs		dead	
dcn5	128.4.0.5	-tfs	accepted	accepted+	
dcn6	128.4.0.6	-tfs	accepted	accepted+	accepted
dcn7	128.4.0.7	-tfs		dead	
dcn8	128.4.0.8	-tfs		dead	
dcn9	128.4.0.9	-tfs		dead	1- 1 -
ford1	128.5.0.1	-tfs		eacha	
ford2	128.5.0.2	-tfs		eacha	
ford3	128.5.0.3	-tfs		eacha	
ford4	128.5.0.4	-tfs		eacha	
ford-lab	128.5.0.8	-tfs		eacha	
ford-vax	128.5.0.9	-tfs		eacha	
ford-res	128.5.0.10	-tfs		eacha	
ford-ecc	128.5.0.11	-tfs		eacha	
ford-srl	128.5.0.12	-tfs		eacha	
ford-ers	128.5.0.13	-tfs		eacha	
ford-eed	128.5.0.14	-tfs		eacha	
ford-foe	128.5.0.15	-tfs		eacha	
ford-wdl1	128.5.32.1	-tfs		eacha	
ford-wdl2	128.5.32.2	-tfs		eacha	
ford-wdl3	128.5.32.3	-tfs		eacha	
ford-wdl4	128.5.32.4	-tfs		eacha	
ford-wdl5	128.5.32.5	-tfs	unr	eacha	b l e

ford-wdl6	128.5.32.6	-t	unr	eacha	b l e
dfvlr1	128.7.0.1	-tfs	unr	eacha	b l e
dfvlr2	128.7.0.2	-tfs	unr	eacha	b l e
dfvlr3	128.7.0.3	-tfs	unr	eacha	b l e
dfvlr7	128.7.0.7	-tfs	unr	eacha	b l e
umd1	128.8.0.1	-tfs	accepted	accepted+	
umd2	128.8.0.2	-t	refused	refused	refused
umd3	128.8.0.3	-tfs	accepted	accepted+	
umd4	128.8.0.4	-tfs	accepted	d e a d	accepted
umd5		-tfs	o a a o n t o d		0 4 4 0 7 0 7
	128.8.0.5		accepted	accepted+	accepted
umd6	128.8.0.6	-tfs	C 1	dead	c 1
umd7	128.8.0.7	-tfs	refused	refused	refused
purdue-tn	14.0.0.1	-tfs		eacha	
uwisc-tn	14.0.0.2	-tfs		eacha	
udel-tn	14.0.0.3	-tfs	unr	eacha	b l e
mit-csr	18.10.0.8	s	accepted		accepted
mit-ajax	18.10.0.64	-tf-	accepted	accepted	accepted
mit-cls	18.10.0.76	-tfs	accepted	accepted	accepted
csnet-sh	192.5.2.3	T	accepted	accepted+	accepted
edn-host1	21.1.0.1	-tfs	accepted	-	-
bbncca	3.0.0.2	-tfs	accepted	accepted	accepted
DDIICCA	3.0.0.2	CID	ассерсса	accepeca	ассерсса
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bbnccf	3.0.0.4	-tfs	accepted	accepted	accepted
bbnx	3.0.0.8	-tfs	accepted	accepted	accepted
csnet-cic	3.0.0.14	-tfs	accepted	accepted	accepted
				_	
bbn-noc	3.1.0.14	-tfs	accepted	accepted	accepted
bbnccb	3.1.0.2	-tfs	accepted	accepted	accepted
bbn-unix	3.1.0.4	-tfs	accepted	accepted	accepted
alta-coma	3.1.0.50	T			
bbn-admin	3.1.0.6	-tfs	accepted	accepted	accepted
bbnccc	3.2.0.2	-tfs	accepted	accepted	accepted
bbn-inoc	3.2.0.6	-tfs	accepted	accepted	accepted
bbnq	3.2.0.7	-tfs	accepted	accepted	accepted
bbny	3.2.0.8	-tfs	accepted	accepted	accepted
bbnccd	3.3.0.2	-tfs	accepted	accepted	accepted
bbncci	3.3.0.4	-tfs	accepted	accepted	accepted
bbnw	3.3.0.6	-tfs	accepted	accepted	accepted
bbnt	3.3.0.7	-tfs	accepted	accepted	accepted
bbn-cd	3.3.0.9	-tfs	accepted	accepted	accepted
satnet	4.0.0.0		accepted	accepted	accepted
	4.0.0.1				
etam-expak					
goonhilly-expak	4.0.0.2				
tanum-expak	4.0.0.3				
satnet-sink	4.0.0.37				
etam-monitor	4.0.0.41				
goonhilly-monitor	4.0.0.42				
tanum-monitor	4.0.0.43				
raisting	4.0.0.72				
raisting-monitor	4.0.0.78				
raisting-expak	4.0.0.79				
fucino	4.0.0.88				
fucino-monitor	4.0.0.94				
fucino-expak	4.0.0.95				
ucbarpa	46.0.0.4	-tf-		dead	
ucbarpa ucbcad	46.0.0.5	-tf-		dead	
ucbernie	46.0.0.6	-tf-		dead	
ucbmonet	46.0.0.7	-tf-		dead	
ucbesvax	46.0.0.9	-tf-		dead	
ucbvax	46.0.0.10	-tf-		dead	

ucbkim	46.0.0.11	-tf-	dead
ucbcalder	46.0.0.12	-tf-	dead
ucbdali	46.0.0.13	-tf-	dead
ucbmatisse	46.0.0.14	-tf-	dead
ucbmedea	46.0.0.15	-tf-	d e a d
ucbingres	46.0.0.19	-tf-	dead
ndre1	48.3.1.41	-tfs	accepted accepted+ accepted
clarksburg-expak	8.0.0.4		unreachable
clarksburg-monitor	8.0.0.44		unreachable