NORDUnet Traffic Report

September 1993

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PING Availability statistics 930901 - 930930

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
stockholm-ebs2.ebone.net	0	1	11	01:15:01	99.83%
fi-gw.nordu.net	0	1	24	01:38:57	99.77%
stockholm-ebs1.ebone.net	0	1	35	02:00:02	99.72%
is-gw.nordu.net	0	2	35	02:07:59	99.70%
london-ebs1.ebone.net	0	2	82	03:20:56	99.53%
cern-ebs1.ebone.net	0	2	61	03:27:47	99.52%
no-gw.nordu.net	0	1	126	04:05:05	99.43%
amsterdam-ebs2.ebone.net	1	1	16	04:53:01	99.32%
stockholm-washington.ebone.net	2	2	39	09:34:02	98.67%
dk-gw.nordu.net	1	1	35	10:12:03	98.58%
bonn-ebs1.ebone.net	5	3	26	15:15:01	97.88%
tallinn-gw.nordu.net	26	7	80	46:13:52	93.58%
tartu-gw.nordu.net	46	87	228	145:42:04	79.76%

SNMP Availability statistics 930901 - 930930

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
Stockholm-EBS1	0	0	2	00:00:33	100.00%
Stockholm-Finland	0	0	11	00:04:47	99.99%
Stockholm-Amsterdam	0	1	1	00:38:00	99.91%
Stockholm-Norway	1	0	20	02:58:41	99.59%
Stockholm-Denmark	1	0	4	08:19:06	98.84%
Stockholm-Washington	2	4	28	08:51:57	98.77%
Stockholm-Bonn	3	3	15	11:20:26	98.42%
Stockholm-London	2	1	8	14:17:30	98.02%
Stockholm-Poland	29	8	38	51:49:19	92.80%
Stockholm-Tallinn	28	1	32	69:49:12	90.30%
Stockholm-Tartu	52	86	180	150:31:45	79.09%
Stockholm-Iceland	1	1	13	156:15:04	78.30%

Event Log

930901 09:30	Link between Paris-Washington down
930901 17:30	Line Amsterdam-Stockholm interrupted for some minutes to swap cables between cisco and PTT connector pannel.
930902 16:45	The Stockholm-Bonn line is down. Fault betwean Copenhagen and Flensburg.
930902 19:00	NORDUnet line to Iceland moved to Stockholm-EBS2 and start to run BGP towards Iceland using their own AS 1850
930907	Stockholm-London line is logging about 1.5 in-errs/s
930909 12:57	Stockholm-Bonn line is down due to a fault betwean Frankfurt and Flensburg.
930909 19:00	Stockholm EBS1 and EBS2 taken down for installation of new PROMs. Stockholm-London line taken down for tests since the error rates are too high on this line. After further testing by Mercury, a fault was discovered on part of the UK tail circuit.
930910 02:03	NORDUnet line to Denmark is down. Local problem in Copenhagen
930917 10:43	1.5Mb/s link between CERN and Washington down
930920 12:25	1MB/s Link between CERN and DESY down due to a problem between Switzerland and Hamburg
930921 08:04	Lines from Stockholm to Washington, Amsterdam and Bonn down due to a line problem in Denmark.
930921 09:35	The link between Paris and London is down.
930921 12:23	Link between Washington and Bonn down due to cable cut in Germany
930924	TIPnet is reannouncing US routes to EBONE, causing caos.
930925 10:29	Stockholm - Washington DC T1 line down due to a major cable problem in Germany.
930926 20:50	Link Washington-Bonn down due to fiber cut.
930927	Link Paris-CERN upgraded to 2 Mbps.
930930 08:00	DK X.25 Megapak down due to loss of configuration after a reboot.

NORDUnet Mbytes 9309

Dest/Source	**dk**	**fi**	**is**	**no**	**se**
dk	118.2	1584.3	0.0	277.6	2886.9
fi	191.3	0.0	0.0	456.2	4003.7
is	0.0	153.9	0.0	235.2	1261.4
no	282.7	2638.0	0.0	16.4	4757.4
se	365.8	4641.2	0.0	1113.5	462.6

	Megabytes during 9309	
	Input	Output
NORDUnet-Denmark	20408.9	43016.6
NORDUnet-Finland	138185.6	75946.4
NORDUnet-Iceland	1842.5	6608.0
NORDUnet-Norway	30584.4	82224.3
NORDUnet-Poland	3389.1	11801.5
NORDUnet-Sweden	101741.4	62762.0
NORDUnet-Tallinn	694.2	2393.8
NORDUnet-Tartu	515.2	1627.6
Ebone-Stockholm-London	30148.9	26574.1
Ebone-Stockholm-US	178571.0	157141.9
Ebone-Stockholm-Amsterdam	63351.8	92462.3
Ebone-Stockholm-Bonn	13570.7	18967.4
Ebone-Nordic-Carriers	1269.3	2213.3
Ebone-SWIPnet	6948.5	20841.4

	Utilization during 9309			
	Input %		Output %	
	aver	peak	aver	peak
NORDUnet-Denmark	14.30	34.77	29.79	70.62
NORDUnet-Finland	47.08	72.50	25.76	47.77
NORDUnet-Iceland	11.75	41.52	42.33	84.85
NORDUnet-Norway	20.84	43.38	55.88	85.62
NORDUnet-Poland	0.67	2.00	2.32	7.15
NORDUnet-Sweden	17.38	35.50	10.70	21.93
NORDUnet-Tallinn	4.08	19.09	14.05	45.50
NORDUnet-Tartu	3.33	12.96	10.70	43.38
Ebone-Stockholm-London	42.18	83.72	37.45	81.44
Ebone-Stockholm-US	41.24	69.20	35.92	56.76
Ebone-Stockholm-Amsterdam	14.39	30.92	21.05	45.11
Ebone-Stockholm-Bonn	19.57	59.54	26.58	65.97

	Kbps during 9309				
	Input		Output		Max
	aver	peak	aver	peak	speed
NORDUnet-Denmark	73	187	151	381	512
NORDUnet-Finland	483	768	264	502	1024
NORDUnet-Iceland	7	23	24	48	56
NORDUnet-Norway	107	233	287	471	512
NORDUnet-Poland	12	38	42	137	1920
NORDUnet-Sweden	359	761	219	449	2048
NORDUnet-Tallinn	2	12	9	29	64
NORDUnet-Tartu	2	8	6	28	64
Ebone-Stockholm-London	108	214	96	208	256
Ebone-Stockholm-US	628	1094	547	882	1536
Ebone-Stockholm-Amsterdam	221	488	324	722	1536
Ebone-Stockholm-Bonn	49	156	67	171	256