NORDUnet Traffic Report

October 1995

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PING Availability statistics 951002 - 951031

Line/Site	Number of downs >1hour	1h-10min	0-10min	Total downtime	Avail
icm-pen-1.icp.net	0	0	5	00:04:58	99.99%
paris-ebs2.ebone.net	0	0	4	00:05:59	99.99%
stockholm-ebs2.ebone.net	0	0	1	00:03:00	99.99%
no-gw.nordu.net	0	0	8	00:14:58	99.97%
is-gw.nordu.net	0	2	14	01:42:57	99.77%
dk-gw.nordu.net	0	0	206	03:45:15	99.50%
fi-gw.nordu.net	0	0	495	09:36:02	98.71%
se-s2.dante.bt.net	1	0	92	11:18:50	98.48%
pl-gw.nordu.net	9	7	225	22:07:00	97.03%

SNMP Availability statistics 951019 - 951031

Line/Site	Number of downs >1hour	1h-10min	0-10min	Total downtime	Avail
Stockholm-Denmark-8	0	0	17	00:05:16	99.99%
Stockholm-Finland-1	0	0	6	00:06:34	99.99%
Stockholm-Finland-2	0	0	6	00:06:20	99.99%
Stockholm-Finland-8	0	1	17	00:28:40	99.94%
Stockholm-Iceland	0	2	1	01:24:13	99.81%
Stockholm-Norway-8	1	0	19	06:30:25	99.13%

Event Log

951002	Migration to IBDNS (EMPB2) is essentially complete
951003	All equipment for the NORDUnet 8Mbps upgrade unstalled in Oslo, Copenhagen and Helsinki. Still some cables missing in Stockholm.
951004 15:15	The Sotckholm-UK part of the Stockholm-Pensauken 34Mb circuit down. As well as one of the two 2Mb backup circuits.
951005	The 2M triangle lines Amsterdam-London-Stockholm in place
951012 11:00	Link Paris-Stockholm 1920k down due to a failure in a 140 Mb/s system in France between Paris and Reims
951012	8Mbps lines to Finland and Denmark up, functional tests performed tigether with UBN.
951013 06:30	Production-traffic over 8Mbps started to Denmark.
951013 10:30	Broken power-supply in the new cisco in Stockholm that connects the NORDUnet 8Mbps lines.
951017 09:30	Production traffic between Finland and Sweden moved to the new 8 Mbps line.
951018	Excessive error rates on both the line to Finland and Denmark
951020	8M NORDUnet-Uninett taken into operation
951023 08:00	Formal acceptance test started on all the NORDUnet 8Mb lines
951029 23:00	Unisource maintenance on the NORDUnet 8Mb lines to Norway, Denmark and Finland.

951027	256k linke betewwn RUNNET and FUNET installed
951102 19:00	The Stockholm ICM router replaced.

	Megabytes during 9510	
	Input	Output
NORDUnet-Denmark	73537.0	158322.6
NORDUnet-Denmark-8M	118260.2	276192.2
NORDUnet-Finland	167007.0	202137.2
NORDUnet-Finland-2	168109.0	197315.9
NORDUnet-Finland-8M	360443.2	396227.1
NORDUnet-Iceland	38106.4	144277.1
NORDUnet-Norway	134371.2	216257.3
NORDUnet-Norway-2	132905.9	211512.7
NORDUnet-Norway-8M	165644.0	307583.6
NORDUnet-Sweden-upper	740348.0	1042021.5
NORDUnet-Sweden-lower	471499.4	478118.1
NORDUnet-Poland	326897.5	270664.8
NORDUnet-Lviv	2812.7	9201.0
NORDUnet-DGIX	138645.8	214853.4
NORDUnet-EMPB2	159505.8	267003.1
Stockholm-Amsterdam	141977.9	103398.9
Stockholm-Amsterdam-2	82184.1	57408.9
Stockholm-Paris	198802.3	259120.1
Stockholm-Paris-2	199513.5	256332.2
Stockholm-Riga	8341.6	31067.7
Stockholm-Taide	244.3	25.0
Stockholm-Washington	388.8	726.7
Stockholm-Washington-2	72.8	53.4
Stockholm-Pennsauken-34M	2176803.4	1861293.5
Triangle-Stockholm-Amsterdam	64863.1	56137.9
Triangle-Stockholm-London	144878.5	146002.0

	Utilization during 9510			
	Input %		Output %	
	aver	peak	aver	peak
NORDUnet-Denmark	12.17	26.21	27.03	46.13
NORDUnet-Denmark-8M	9.95	18.88	24.41	51.44
NORDUnet-Finland	27.27	47.62	33.06	59.04
NORDUnet-Finland-2	27.22	46.07	32.00	58.54
NORDUnet-Finland-8M	31.79	45.53	35.37	68.08
NORDUnet-Iceland	11.75	22.55	44.95	79.36
NORDUnet-Norway	20.83	45.64	34.12	61.95
NORDUnet-Norway-2	20.65	45.61	33.31	63.20
NORDUnet-Norway-8M	13.59	27.63	26.27	55.62
NORDUnet-Sweden-upper	7.31	14.03	10.67	16.93
NORDUnet-Sweden-lower	4.56	9.85	4.60	7.21
NORDUnet-Poland	56.59	80.14	46.86	77.63
NORDUnet-Lviv	14.42	41.06	47.04	91.01
NORDUnet-EMPB2	26.37	49.06	43.44	73.61
NORDUnet-DGIX	4.39	9.12	6.84	13.12
Stockholm-Amsterdam	22.11	44.28	16.00	36.61
Stockholm-Amsterdam-2	13.49	28.20	9.23	20.73
Stockholm-Paris	31.06	57.09	40.69	76.69
Stockholm-Paris-2	31.14	58.98	40.08	74.62
Stockholm-Riga	20.58	49.23	76.50	98.12
Stockholm-Taide	0.35	3.11	0.04	0.37
Stockholm-Washington	0.06	0.23	0.12	0.72
Stockholm-Washington-2	0.14	0.41	0.12	1.36
Stockholm-Pennsauken-34M	28.69	56.12	21.83	30.56
Triangle-Stockholm-Amsterdam	14.60	38.89	12.86	36.64
Triangle-Stockholm-London	31.19	68.76	32.03	71.66

	Kbps during 9510				
	Input		Output		Max
	aver	peak	aver	peak	speed
NORDUnet-Denmark	519	921	1336	1899	1920
NORDUnet-Denmark-8M	726	1734	1955	4384	8192
NORDUnet-Finland	1100	1764	1215	1944	1984
NORDUnet-Finland-2	1059	1594	1188	1882	1984
NORDUnet-Finland-8M	2831	3894	2942	6310	8192
NORDUnet-Iceland	101	174	354	642	1024
NORDUnet-Norway	649	1300	1239	1946	2048
NORDUnet-Norway-2	669	1327	1176	1959	2048
NORDUnet-Norway-8M	655	2835	973	5741	8192
NORDUnet-Sweden-upper	2143	4738	3041	5007	34000
NORDUnet-Sweden-lower	1357	3262	1353	1828	34000
NORDUnet-Poland	970	1530	813	1686	1920
NORDUnet-Lviv	13	33	21	48	64
NORDUnet-EMPB2	1021	1425	1022	1717	2048
NORDUnet-DGIX	488	1061	654	1258	10000
Stockholm-Amsterdam	684	1572	482	868	2048
Stockholm-Amsterdam-2	0	10	0	2	2048
Stockholm-Paris	606	1154	719	1636	2048
Stockholm-Paris-2	733	1837	738	1907	2048
Stockholm-Riga	27	60	86	125	128
Stockholm-Taide	0	3	0	0	512
Stockholm-Washington	1	2	1	4	0
Stockholm-Washington-2	0	0	0	0	0
Stockholm-Pennsauken-34M	7982	17982	6139	9594	34000
Triangle-Stockholm-Amsterdam	242	543	251	790	2048
Triangle-Stockholm-London	448	1100	488	1183	2048