NORDUnet Traffic Report

November 1995

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PING Availability statistics 951101 - 951130

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
no-gw.nordu.net	0	0	4	00:07:00	99.98%
london1.triangle.net	0	0	7	00:10:59	99.97%
fi-gw.nordu.net	0	0	13	00:21:58	99.95%
is-gw.nordu.net	0	1	14	01:02:00	99.86%
se-s2.dante.bt.net	0	0	75	01:22:58	99.81%
dk-gw.nordu.net	0	1	216	04:34:03	99.37%

SNMP Availability statistics 951101 - 951130

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
Stockholm-Iceland	0	1	3	00:48:50	99.89%
Stockholm-Norway	0	0	1	00:01:10	100.00%
Stockholm-Poland	0	0	22	00:04:01	99.99%
Stockholm-Denmark	0	1	2	00:50:48	99.88%
Stockholm-Finland-1	0	0	121	00:52:35	99.88%
Stockholm-Finland-2	0	1	118	01:18:45	99.82%

Event Log

951102 19:00	The Stockholm ICM router replaced.
951102	router. The Triangle router in Amsterdam announces AS-SURFNET and AS-NORDUNET towards CERN
951103 14:00	The 34Mb line between Umea and Lulea is down. Up 14:45
951106	Software problems with ICM-DC-1 that crashed frequently causing massive route flaps.
951109	Synk errors on Stockholm-Oslo and Stockholm-Copenhagen
951111 17:31	(to 19:52) Due to a problem in Denmark the 34Mb line to the UK (and from there on to the US) and one of the 2Mb lines is unstable.
951114	Suspected hardware problems with the NORDUnet IBDNS router, that caused 2-3 outages, all cards replaced.
951115 13:30	Disturbanses on all NORDUnet lines due to a problem at Unisource/Stockholm.
95117	Equipment replaced by Unisource to fix problem on the Stockholm-Oslo line.
951118	Problem with the Unisource Mux in Copenhagen after a power failure.
951120	Ebone put on 2Mb out of the 34Mb to US.
951121	Meassurements on the 8Mb link to Olso performed during the night by Unisource trying to locate the cause of the frequent syncronization losses.
951123 09:39	(to 09:47) Stockholm-Helsinki down due to a local problem in Helsinki.
951124 09:23	ParisEbs1-Stockholm (1984k) down, cable problem in France
951126 06:48	Vienna-Stockholm down (36 hours)
951130 11:46	Stockholm-Copenhagen down due to problem with the Unistreams backbone in Danmark, up 12:50, PCM error.

	Megabytes during 9511	
	Input	Output
NORDUnet-Denmark	30643.8	98848.7
NORDUnet-Finland	2931.7	26803.3
NORDUnet-Finland-2	2722.7	26575.8
NORDUnet-Iceland	48812.7	170203.4
NORDUnet-Norway	5694.0	8244.0
NORDUnet-Norway-2	5209.2	7855.0
NORDUnet-Denmark-8M	196671.0	471233.2
NORDUnet-Finland-8M	794501.0	853534.8
NORDUnet-Norway-8M	526965.5	785612.4
NORDUnet-Sweden-upper	809634.2	955035.6
NORDUnet-Sweden-lower	487236.0	486846.1
NORDUnet-Poland	278280.0	277755.8
NORDUnet-Lviv	199482.7	205928.6
NORDUnet-EMPB2	176052.9	282665.6
Stockholm-Amsterdam	114518.7	79725.5
Stockholm-Amsterdam-2	115906.6	80922.1
Stockholm-Kaunas	1098.1	3544.5
Stockholm-Paris	201774.0	270713.6
Stockholm-Paris-2	199654.9	268784.8
Stockholm-Riga	9358.4	31684.1
Stockholm-Taide	763.7	2972.2
Stockholm-Pennsauken-34M	1774813.7	1938021.4
Triangle-Stockholm-Amsterdam	110631.6	81438.9
Triangle-Stockholm-London	131698.2	203543.9

	Utilization during 9511			
	Input %		Output %	
	aver	peak	aver	peak
NORDUnet-Denmark	5.20	15.84	17.26	37.54
NORDUnet-Finland	0.48	7.66	4.39	15.23
NORDUnet-Finland-2	0.44	7.43	4.35	14.84
NORDUnet-Iceland	15.48	26.86	54.58	88.74
NORDUnet-Norway	0.89	9.05	1.29	14.44
NORDUnet-Norway-2	0.81	9.18	1.22	14.62
NORDUnet-Denmark-8M	8.19	16.16	20.70	46.89
NORDUnet-Finland-8M	33.76	48.26	36.74	76.26
NORDUnet-Norway-8M	21.85	36.82	33.65	70.38
NORDUnet-Sweden-upper	8.33	16.16	10.05	14.99
NORDUnet-Sweden-lower	4.85	10.61	4.85	7.21
NORDUnet-Poland	47.21	79.46	48.70	75.73
NORDUnet-EMPB2	28.48	55.42	46.26	77.38
NORDUnet-Lviv	19.58	39.49	50.00	80.34
Stockholm-Amsterdam	18.25	37.05	12.68	31.85
Stockholm-Amsterdam-2	18.47	38.15	12.81	29.93
Stockholm-Kaunas	20.92	52.47	69.42	98.20
Stockholm-Paris	32.42	61.24	43.87	78.26
Stockholm-Paris-2	32.09	60.80	43.52	78.38
Stockholm-Riga	23.72	49.42	80.32	98.38
Stockholm-Taide	0.48	2.53	1.88	8.27
Stockholm-Pennsauken-34M	25.60	55.59	23.98	34.41
Triangle-Stockholm-Amsterdam	17.58	44.96	12.95	34.63
Triangle-Stockholm-London	22.17	57.64	34.08	70.13

	Kbps during 9511				
	Input		Output		Max
	aver	peak	aver	peak	speed
NORDUnet-Denmark	7	70	4	179	1920
NORDUnet-Finland	5	37	76	207	1984
NORDUnet-Finland-2	5	42	71	178	1984
NORDUnet-Iceland	128	262	531	801	1024
NORDUnet-Norway	2	12	1	3	2048
NORDUnet-Norway-2	2	11	0	2	2048
NORDUnet-Denmark-8M	1073	1653	1256	2207	8192
NORDUnet-Finland-8M	2393	3498	1802	3011	8192
NORDUnet-Norway-8M	1497	2219	2037	4239	8192
NORDUnet-Sweden-upper	2142	4461	3049	4613	34000
NORDUnet-Sweden-lower	1200	2346	1223	2521	34000
NORDUnet-Poland	787	1904	866	1762	1920
NORDUnet-EMPB2	680	1255	1131	1799	2048
Stockholm-Amsterdam	301	935	197	535	2048
Stockholm-Amsterdam-2	291	852	198	496	2048
Stockholm-Kaunas	8	29	33	63	64
Stockholm-Paris	480	824	653	1092	2048
Stockholm-Paris-2	493	984	660	1456	2048
Stockholm-Riga	19	33	87	125	128
Stockholm-Taide	1	6	0	3	512
Stockholm-Pennsauken-34M	7919	14911	7592	11391	34000
Triangle-Stockholm-Amsterdam	302	707	189	677	2048
Triangle-Stockholm-London	9	639	7	516	2048