NORDUnet Traffic Report

September 1996

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SNMP Availability statistics 960901 - 960930

Line/Site	Number of downs >1hour	1h-10min	0-10min	Total downtime	Avail
Stockholm-IBDNS	0	0	2	00:00:22	100.00%
Stockholm-Norway-8M	0	0	1	00:00:41	100.00%
Stockholm-Finland-34M	0	0	5	00:02:12	99.99%
Stockholm-Iceland	0	0	2	00:09:20	99.98%
Stockholm-DFN	1	0	39	01:19:42	99.82%
Stockholm-Washington-34M	1	2	24	02:15:25	99.69%
Stockholm-Denmark-8M	2	0	3	03:34:22	99.50%

Event Log

960903 12:40	BGP peers on ICM-PEN-1 flapping up/down causing poor performance NORDUnet-US At about 21:45 MET DST US connectivity came back, about 30 minutes after a reload of icm-pen-1, icm-uk-1 and the stockholm ICM router. The last month has been disastrous as we have had repeated outages.
960909 18:45	The 34Mb line between Stockholm and Pensauken down because of sea-cable fault between England and Germany (down 4h).
960911 12:46	Paris-Stockholm 1984K down.
960913 06:14	The two Paris-Stockholm lines down (3h).
960923	The worlds first transatlantic 155Mbit native IP service brought into operation by Sprint/USA and Tele2/Sweden.

	Megabytes during 9609	
	Input	Output
NORDUnet-DFN-Cologne	166203.1	248862.5
NORDUnet-Denmark-8M	433314.0	808970.6
NORDUnet-Finland-34M	1607362.7	1888438.9
NORDUnet-Iceland	144322.7	344372.0
NORDUnet-Norway-8M	1012044.0	1321634.6
NORDUnet-NGW-FDDI	1028860.8	625631.8
NORDUnet-SGW-FDDI	3781291.6	2485966.5
NORDUnet-Sweden-upper	1498238.9	1583596.7
NORDUnet-Sweden-lower	913781.2	904907.1
NORDUnet-Poland/NASK	65189.9	173786.5
NORDUnet-Lviv	7957.8	16874.3
NORDUnet-IBDNS	128291.8	232875.0
NORDUnet-DGIX	480668.3	798150.1
NORDUnet-LITNET/Kaunas	32541.1	28976.7
NORDUnet-LATNET/Riga	47925.8	121442.4
nic.nordu.net	124294.5	55072.8
Stockholm-Ebone-Paris	391700.9	444996.6
Stockholm-Ebone-Paris-2	392690.0	453022.6
Triangle-Stockholm-Amsterdam	220804.5	215195.5
Triangle-Stockholm-London	174459.2	139321.0
ICM-NORDUnet-FDDI	3460378.9	4844552.1

	Utilization during 9609			
	Input %		Output %	
	aver	peak	aver	peak
NORDUnet-DFN-Cologne	26.97	69.76	40.33	82.68
NORDUnet-Denmark-8M	16.76	30.83	30.27	75.33
NORDUnet-Finland-34M	15.04	23.55	16.96	33.66
NORDUnet-Iceland	23.45	35.92	55.73	89.83
NORDUnet-Norway-8M	39.50	65.12	50.33	88.15
NORDUnet-NGW-FDDI	9.62	15.28	5.87	10.25
NORDUnet-SGW-FDDI	30.67	63.72	22.88	34.90
NORDUnet-Sweden-upper	13.79	24.65	14.83	24.81
NORDUnet-Sweden-lower	8.60	13.74	8.43	15.53
NORDUnet-Poland/NASK	12.69	29.09	35.89	66.16
NORDUnet-Lviv	25.50	56.27	84.82	95.23
NORDUnet-IBDNS	20.09	48.69	36.41	77.46
NORDUnet-DGIX	15.16	32.13	25.33	45.64
NORDUnet-LITNET/Kaunas	76.24	96.88	66.58	91.75
NORDUnet-LATNET/Riga	25.49	52.08	55.81	96.84
nic.nordu.net	3.88	14.01	1.72	2.72
Stockholm-Ebone-Paris	60.89	87.88	69.37	90.11
Stockholm-Ebone-Paris-2	61.11	89.45	70.70	93.39
Stockholm-Pennsauken-34M	44.40	94.83	41.91	58.79
Triangle-Stockholm-Amsterdam	34.49	77.11	33.57	81.45
Triangle-Stockholm-London	27.47	77.28	21.88	65.92
ICM-NORDUnet-FDDI	32.46	46.17	38.43	75.30

	Kbps during 9609				
	Input		Output		Max
	aver	peak	aver	peak	speed
NORDUnet-DFN-Cologne	566	1595	934	1637	1984
NORDUnet-Denmark-8M	1437	2647	2986	7700	8192
NORDUnet-Finland-34M	5259	7557	6121	11842	34000
NORDUnet-Iceland	483	799	1143	1844	1984
NORDUnet-NGW-FDDI	3664	5417	2202	3835	34000
NORDUnet-SGW-FDDI	13101	24402	8051	10414	34000
NORDUnet-Norway-8M	3257	4671	4697	7782	8192
NORDUnet-Sweden-upper	5478	9922	5409	7522	34000
NORDUnet-Sweden-lower	2964	4625	2789	4694	34000
NORDUnet-Poland/NASK	291	826	738	1293	1920
NORDUnet-Lviv	21	46	54	63	64
NORDUnet-IBDNS	500	1312	871	1604	2048
NORDUnet-DGIX	1422	2771	2488	3972	10000
NORDUnet-LITNET/Kaunas	88	124	83	117	128
NORDUnet-LATNET/Riga	103	185	279	325	384
nic.nordu.net	491	1770	212	302	10000
Stockholm-Ebone-Paris	1615	1886	1407	1864	2048
Stockholm-Ebone-Paris-2	1688	1955	1519	1929	2048
Stockholm-Pennsauken-34M	22688	33513	15930	34624	34000
Triangle-Stockholm-Amsterdam	775	1806	720	1502	2048
Triangle-Stockholm-London	544	1519	495	1673	2048
ICM-NORDUnet-FDDI	10844	23470	16883	26597	34000