NORDUnet Traffic Report

December 1994

SUNET-KTH • S-100 44 Stockholm • 08-7906513 • FAX: 08-241179 • email: staff@sunet.se

PING Availability statistics 941201 - 941231

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
fi-gw.nordu.net	0	2	15	01:03:00	99.86%
dk-gw.nordu.net	0	1	29	01:27:04	99.80%
paris-ebs2.ebone.net	0	0	61	01:28:05	99.80%
no-gw.nordu.net	0	2	16	01:41:00	99.77%
is-gw.nordu.net	0	2	68	02:53:58	99.61%
stockholm1.empb.net	0	1	169	03:30:40	99.53%
stockholm-washington.nordu.net	0	3	841	17:17:16	97.68%
pl-gw.nordu.net	10	2	153	28:48:50	96.13%
tallinn-gw.nordu.net	5	5	1240	46:51:57	93.70%

SNMP Availability statistics 941201 - 941231

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
Stockholm-Finland-1	0	0	5	00:08:50	99.98%
Stockholm-Finland-2	0	0	3	00:03:39	99.99%
Stockholm-Denmark	0	0	9	00:16:31	99.96%
Stockholm-Norway	0	3	2	01:18:42	99.82%
Stockholm-Iceland	0	2	17	01:45:44	99.76%
Stockholm-Washington-1	0	0	74	01:14:03	99.83%
Stockholm-Washington-2	2	4	80	06:04:31	99.18%
Stockholm-Tallinn	6	18	39	22:56:47	96.92%

Event Log

941201 06:20	Planed outage stockholm-washington and stockholm-paris due to Tele2 maintenance
941207 21:00	Stockholm-Washington done due to cable fault in Germany
941207 21:36	Link to Norway down
941208 06:30	NORD-GW taken down to test the flash memory on the RP for a suspected hardware fault. For some reason those AMD flash chips seem to be a bit more sensitive to the 10.2 code than other flash chips
941208	Link to Tallinn very poor, reoccuring very often between 05:00-09:00. Rymdbolaget has no explanation to this.
941208	Bouncing on icm-dc-1.icp.net due to weird iBGP problems.
941212 19:00	Software upgrade of the Stockholm interconnect catalyst. All NORDUnet international traffic down 30 min.
941213 13:44	Stockholm-Paris link down. Fixed by France-Telecom
941214	Link to Poland down du to very heavy snow in Warsaw
941215 08:00	The NORDUnet line to Iceland moved to another sattelite ground-station in Sweden.
941215	Rymdbolaget informs that they plan to change the electronics in the Tallinn station to latest generation, using the same type as to Lviv, which performs very well. Delivery 6-8 weeks.

	Megabytes during 9412	
	Input	Output
NORDUnet-Denmark	53444.8	138939.6
NORDUnet-Finland	179569.3	139570.9
NORDUnet-Finland-2	179594.6	138218.8
NORDUnet-Iceland	6500.7	23511.7
NORDUnet-Norway	148161.1	220049.8
NORDUnet-Poland	39755.9	85408.6
NORDUnet-Sweden	27092.8	17806.4
NORDUnet-EMPB	261522.2	168755.5
NORDUnet-DGIX	68707.0	124391.2
NORDUnet-Tallinn	6458.1	15466.5
FUNET-Tallinn	7327.9	3411.3
Tallinn-Riga	1229.2	3493.6
Stockholm-Paris	108462.8	108131.6
Stockholm-Washington	311428.7	355707.2
Stockholm-Washington-2	315032.7	351767.2

	Utilization during 9412			
	Input %		Output %	
	aver	peak	aver	peak
NORDUnet-Denmark	8.74	22.27	22.90	54.81
NORDUnet-Finland	28.75	47.72	22.26	60.42
NORDUnet-Finland-2	28.90	47.92	22.05	58.06
NORDUnet-Iceland	15.85	43.04	56.55	98.24
NORDUnet-Norway	23.08	45.20	34.46	66.85
NORDUnet-Poland	6.68	13.64	14.35	30.86
NORDUnet-Sweden	0.85	1.74	0.56	1.48
NORDUnet-EMPB	41.06	80.89	26.84	52.63
NORDUnet-DGIX	2.15	7.48	3.92	11.75
NORDUnet-Tallinn	31.63	68.91	68.85	99.45
FUNET-Tallinn	54.36	90.61	26.12	61.89
Tallinn-Riga	23.33	65.02	63.75	96.31
Stockholm-Paris	33.68	74.40	33.66	74.11
Stockholm-Washington	52.23	90.60	60.07	82.33
Stockholm-Washington-2	51.42	88.44	57.94	81.04

	Kbps during 9412				
	Input		Output		Max
	aver	peak	aver	peak	speed
NORDUnet-Denmark	168	428	440	1052	1920
NORDUnet-Finland	570	947	442	1199	1984
NORDUnet-Finland-2	573	951	437	1152	1984
NORDUnet-Iceland	21	56	74	128	128
NORDUnet-Norway	472	926	705	1369	2048
NORDUnet-Poland	125	262	270	619	1920
NORDUnet-EMPB	840	1637	534	1029	1920
NORDUnet-Tallinn	20	45	49	66	64
FUNET-Tallinn	70	127	34	87	128
Tallinn-Riga	14	43	40	64	64
Stockholm-Paris	343	765	342	784	1024
Stockholm-Washington	1003	1740	1153	1581	1920
Stockholm-Washington-2	1016	1755	1144	1608	1984