NORDUnet Traffic Report

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PING Availability statistics 931001 - 931031

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
nord-gw.nordu.net	0	0	1	00:03:00	99.99%
se-gw.nordu.net	0	1	0	00:12:00	99.97%
fi-gw.nordu.net	0	0	13	00:28:54	99.94%
stockholm-ebs1.ebone.net	0	1	23	00:39:53	99.91%
stockholm-ebs2.ebone.net	0	1	22	00:38:57	99.91%
bonn-ebs1.ebone.net	0	2	47	01:41:59	99.77%
is-gw.nordu.net	0	0	69	01:43:03	99.77%
cern-ebs1.ebone.net	1	1	66	03:11:54	99.57%
dk-gw.nordu.net	2	1	15	03:23:59	99.54%
amsterdam-ebs2.ebone.net	1	1	39	03:54:03	99.48%
no-gw.nordu.net	1	2	138	04:22:50	99.41%
stockholm-washington.ebone.net	2	2	30	05:39:59	99.24%
tallinn-gw.nordu.net	12	3	92	21:49:04	97.07%
london-ebs1.ebone.net	1	1	76	25:47:52	96.53%
tartu-gw.nordu.net	15	7	89	30:23:01	95.92%

SNMP Availability statistics 931001 - 931031

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
Stockholm-London	0	0	13	00:13:37	99.97%
Stockholm-Iceland	0	0	21	00:28:51	99.94%
Stockholm-Bonn	0	1	8	00:31:09	99.93%
Stockholm-Washington	2	1	5	05:02:28	99.32%
Stockholm-Tallinn	12	3	1	19:12:50	97.42%
Stockholm-Tartu	15	6	16	27:54:18	96.25%
Stockholm-Norway	3	1	2	144:45:21	80.54%
Stockholm-Denmark	5	2	9	292:00:43	60.75%

Event Log

931004 15:48	Stockholm-Amsterdam and Stockholm-Washington lines down. Fiber cut near Leer, Germany.
931005 04:05	Site-wide CERN power cut, CERN-US T1 down
931006 11:00	CERN-US T1 down. Severe weather caused power outages.
931012 14:54	Sprintlink connection to Bonn Germany down. Fault in Narden Germany
931013 18:00	UK-US fat pipe transition from the NASA Science Internet (NSI) to the Sprint/ICMnet
931014 11:34	NORDUnet line to Norway down. Reset of equipment in Norway.
931019 09:40	Stockholm-Washington line down. Problem with a 34Mb-system in Germany.
931019 15:35	Stockholm-Washington line down.
931021 17:00	NORDUnet line to Norway and Finland upgraded to 1984Kbps and moved from EBS2 to the new NORDUnet RBS (nord-gw.nordu.net). First attempt to upgrade NORDUnet line to Denmark to 1920Kbps failed.
931022 13:00	Bonn-Stockholm line down, because PTT Telekom will change some modem equipment at GMD/Bonn.
931025 18:00	Stockholm-EBS1/EBS2 running the new BGP4 software version 9.21 (4673)
931025 17:00	Second attempt to upgrade the NORDUnet line to Denmark from 512Kbps to 1920Kbps also failed.
931025 18:00	Amsterdam-EBS1/EBS2 running the new BGP4 software version 9.21 (4673)
931026 09:00	Bonn-EBS1/EBS2 running the new BGP4 software version 9.21 (4673)
931026 09:00	London-EBS1/EBS2 running the new BGP4 software version 9.21 (4673)
931026 17:00	Further tests of the new NORDUnet line to Denmark, that still isn't working as it should. What complicates things is that the new line use the same local part in Copenhagen, so we can't test the line without affecting the old 512Kb line. Line upgraded to 1024Kb while waiting for a replacement V.35 card to the MUX in Compenhagen.

NORDUnet Mbytes 9310

Dest/Source	**dk**	**fi**	**is**	**no**	**se**
dk	135.9	192.6	0.0	406.0	4163.4
fi	437.1	0.0	0.0	493.5	5669.0
is	0.0	41.5	0.0	610.0	1628.2
no	386.9	329.3	0.0	0.0	6359.1
se	574.6	834.6	0.0	1724.1	1561.9

	Megabytes during 9310	
	Input	Output
NORDUnet-Denmark	22833.1	53965.7
NORDUnet-Finland	180490.5	112966.6
NORDUnet-Iceland	2602.0	7775.5
NORDUnet-Norway	47741.3	119479.6
NORDUnet-Poland	4895.0	16895.9
NORDUnet-Sweden	124758.7	95374.2
NORDUnet-Tallinn	1105.4	3248.6
NORDUnet-Tartu	506.8	1627.3
Ebone-Stockholm-Amsterdam	86558.0	153567.6
Ebone-Stockholm-Bonn	16971.0	26447.9
Ebone-Stockholm-London	31292.5	34292.9
Ebone-Stockholm-US	240228.1	214974.6

	Utilization during 9310			
	Input %		Output %	
	aver	peak	aver	peak
NORDUnet-Denmark	12.98	37.38	30.28	70.88
NORDUnet-Finland	45.31	68.52	27.35	50.16
NORDUnet-Iceland	14.72	54.05	44.02	89.17
NORDUnet-Norway	20.77	37.48	48.41	75.21
NORDUnet-Poland	0.83	2.18	2.85	8.28
NORDUnet-Sweden	18.93	43.44	14.57	38.54
NORDUnet-Tallinn	5.57	24.48	16.35	52.19
NORDUnet-Tartu	2.68	10.17	8.61	48.21
Ebone-Stockholm-Amsterdam	17.86	39.36	31.80	60.85
Ebone-Stockholm-Bonn	20.89	58.15	32.53	75.67
Ebone-Stockholm-London	38.51	79.86	42.25	87.82
Ebone-Stockholm-US	50.26	78.03	44.96	71.10

	Kbps during 9310				
	Input		Output		Max
	aver	peak	aver	peak	speed
NORDUnet-Denmark	72	210	171	410	1024
NORDUnet-Finland	576	907	358	665	2048
NORDUnet-Iceland	8	30	25	51	56
NORDUnet-Norway	151	296	379	661	2048
NORDUnet-Poland	15	42	53	159	1920
NORDUnet-Sweden	412	1232	314	973	2048
NORDUnet-Tallinn	3	16	10	33	64
NORDUnet-Tartu	2	7	5	31	64
Ebone-Stockholm-Amsterdam	273	605	487	935	1536
Ebone-Stockholm-Bonn	54	155	83	203	256
Ebone-Stockholm-London	99	208	108	228	256
Ebone-Stockholm-US	771	1288	689	1118	1536