NORDUnet Traffic Report

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PING Availability statistics 940201 - 940228

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
fi-gw.nordu.net	0	0	3	00:04:59	99.99%
nord-gw.nordu.net	0	0	2	00:03:58	99.99%
stockholm-ebs2.ebone.net	0	0	4	00:10:59	99.97%
se-gw.sunet.se	0	0	11	00:15:56	99.96%
stockholm-ebs1.ebone.net	0	0	13	00:27:00	99.93%
nic.nordu.net	0	0	40	00:54:06	99.87%
dk-gw.nordu.net	0	1	6	01:06:01	99.84%
amsterdam-ebs2.ebone.net	0	0	94	02:20:55	99.65%
stockholm-washington.ebone.net	2	2	31	04:41:57	99.30%
tallinn-gw.nordu.net	3	4	108	15:51:12	97.64%
is-gw.nordu.net	2	0	239	19:42:16	97.07%
no-gw.nordu.net	4	1	6	24:46:01	96.31%

SNMP Availability statistics 940201 - 940228

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
Stockholm-Finland	0	0	2	00:01:40	100.00%
Stockholm-Norway	0	0	7	00:05:51	99.99%
Stockholm-Nordunet	0	0	1	00:07:49	99.98%
Stockholm-Denmark	0	2	5	00:59:51	99.85%
Stockholm-Amsterdam	1	0	3	01:17:50	99.81%
Stockholm-Tallinn	1	2	3	02:41:25	99.60%
Stockholm-Washington	2	1	53	04:17:52	99.36%
Stockholm-Iceland	1	0	54	04:42:21	99.30%
Stockholm-Poland	1	4	10	04:49:07	99.28%

Event Log

940202	icm-dc-1 router in Washington heavily overloaded (CPU load 90-99%) causing problems for both the Paris and Stockholm links to US. Sprint informs they are planning an upgrade to a cisco 7000.
940203 14:58	Stockholm-Amsterdam line down due to a fault between Stockholm and Kolding in Denmark.
940208	Link to Iceland down during the night, likely a cisco problem related to excessive input errors. Restarting the interface made the link come up again.
940210	Something strange going on with Amsterdam-EBS1, which seems to remove BGP-routes from its forwarding table. Removing the "ebgp-multihop" statements might fix the problem.
940211 18:00	Power supply replacement at SARA. All Ebone lines via Amsterdam down for a short period.
940215 09:14	Line to Pipex/London down. Major outage in Denmark.
940217 18:00	Attempt to upgrade the Stockholm-Washington line from 1536Kbps to 1920Kbps failed due to missing equipment at the ICM end.

	Megabytes during 9402	
	Input	Output
NORDUnet-Denmark	36577.1	62822.9
NORDUnet-Finland	227462.8	141042.6
NORDUnet-Iceland	2191.6	8045.9
NORDUnet-Norway	90634.6	137765.7
NORDUnet-Poland	6433.6	19617.4
NORDUnet-Sweden	266356.2	186126.8
NORDUnet-Tallinn	1155.5	3867.3
NORDUnet-Mbone	11338.4	2169.1
Ebone-Stockholm-Amsterdam	130629.1	193112.8
Ebone-Stockholm-US	236223.5	236234.9

	Utilization during 9402			
	Input %		Output %	
	aver	peak	aver	peak
NORDUnet-Denmark	6.65	17.97	11.46	31.25
NORDUnet-Finland	40.64	60.95	25.02	39.73
NORDUnet-Iceland	14.10	59.09	51.48	94.08
NORDUnet-Norway	16.00	28.06	24.48	46.94
NORDUnet-Poland	1.11	2.61	3.60	8.60
NORDUnet-Sweden	46.34	72.26	32.09	57.96
NORDUnet-Tallinn	6.49	20.76	21.48	61.90
NORDUnet-Mbone	4.54	6.72	0.85	0.93
Ebone-Stockholm-Amsterdam	29.78	54.90	44.45	77.98
Ebone-Stockholm-US	55.01	82.53	54.97	83.97

	Kbps during 9402				
	Input		Output		Max
	aver	peak	aver	peak	speed
NORDUnet-Denmark	128	345	220	600	1920
NORDUnet-Finland	806	1209	496	788	1984
NORDUnet-Iceland	8	33	28	53	56
NORDUnet-Norway	317	557	486	931	1984
NORDUnet-Poland	21	50	69	165	1920
NORDUnet-Sweden	953	1519	658	1210	2048
NORDUnet-Tallinn	25	1288	27	852	64
NORDUnet-Mbone	650	10436	188	5268	10000
Ebone-Stockholm-Amsterdam	460	1046	685	1406	1536
Ebone-Stockholm-US	841	1268	840	1290	1536