NORDUnet Traffic Report

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PING Availability statistics 940101 - 940131

Line/Site	Number of downs >1hour	1h-10min	0-10min	Total downtime	Avail
se-gw.sunet.se	0	0	3	00:04:59	99.99%
stockholm-ebs2.ebone.net	0	0	5	00:07:02	99.98%
searn.sunet.se	0	0	14	00:19:56	99.96%
stockholm-ebs1.ebone.net	0	1	22	00:58:58	99.87%
london-ebs1.ebone.net	0	0	62	01:14:51	99.83%
bonn-ebs1.ebone.net	1	0	4	01:19:02	99.82%
nord-gw.nordu.net	0	1	35	02:09:10	99.71%
fi-gw.nordu.net	0	1	40	02:12:07	99.70%
dk-gw.nordu.net	2	1	28	04:28:04	99.40%
stockholm-washington.ebone.net	1	6	36	04:34:51	99.38%
is-gw.nordu.net	0	2	180	05:22:11	99.28%
no-gw.nordu.net	1	2	45	05:25:02	99.27%
tallinn-gw.nordu.net	3	2	113	17:50:54	97.60%

SNMP Availability statistics 940101 - 940131

Line/Site	Number of downs >1hour	1h-10min	0-10min	Total downtime	Avail
Stockholm-Nordunet	0	0	3	00:00:01	100.00%
Stockholm-Sweden	0	0	1	00:03:40	99.99%
Stockholm-Finland	0	5	7	01:56:30	99.74%
Stockholm-London	0	1	49	01:58:52	99.73%
Stockholm-Iceland	0	4	23	02:17:22	99.69%
Stockholm-Norway	0	5	19	02:23:11	99.68%
Stockholm-Bonn	0	3	52	03:17:24	99.56%
Stockholm-Washington	1	4	29	03:31:01	99.53%
Stockholm-Denmark	2	5	7	04:29:38	99.40%
Stockholm-Amsterdam	3	1	7	04:36:42	99.38%
Stockholm-Tallinn	3	1	6	14:33:49	98.04%
Stockholm-Poland	4	15	96	21:28:01	97.11%

Event Log

940102	Routing problem between Ebone and Switch after the Switch move to Europanet due to equal distance paths via Amsterdam and US. Fixed by adding local-preference to the Amsterdam EBS'es.
940103	Peerings between EBONE at one side and SURFnet and RedIRIS at the other side removed. IBRlan (192.87.4.0) no longer used for internal EBONE traffic.
940103	The line Bonn-Geneva removed and Bonn-EBS2 removed from the EBONE core.
940105 10:00	Amsterdam-Vienna link down.
940105 15:02	(1h30m) Stockholm-Bonn link down. Telecom problem near Copenhagen.
940113	Ethernet 0/0 in nord-gw.nordu.net mysteriously shut down by itself.
940113 13:23	Stockholm-Amsterdam line down due to a bad cable in Stockholm.
940120 10:00	Connection between JANET and EBONE will dropped, disconnecting JANET from the EBONE network. Connectivity between JANET and EBONE connected networks will be maintained by use of the DANTE gateway between the EBONE and EuropaNet networks, located in Amsterdam.
940122 09:30	All networking equipment at UNI-C/Denmark switched off due to rearrangement of the building's power supply.
940123 21:45	Heavy snow causes problems with the Stockholm-Washington link
940127 18:00	Yearly maintenance of power and ventilation at SINTEF RUNIT causing some instability on the link Stockholm-Trondheim.
940127 18:00	The CERN central IP router down for maintenance. No connectivity from CERN to/from the outside IP world.
940127	Stockholm-Bonn link removed from Ebone.
940129 21:42	no-gw.nordu.net stuck. Connectivity to Norway restored after a reboot.

	Megabytes during 9401	
	Input	Output
NORDUnet-Denmark	29346.8	58257.0
NORDUnet-Finland	198312.0	133877.1
NORDUnet-Iceland	2447.2	7553.2
NORDUnet-Norway	81859.2	123765.8
NORDUnet-Poland	5813.3	1126.8
NORDUnet-Sweden	285760.3	195850.6
NORDUnet-Tallinn	1228.6	3692.2
Ebone-Stockholm-Amsterdam	137212.6	147073.8
Ebone-Stockholm-Bonn	5414.5	15803.4
Ebone-Stockholm-US	228671.7	240307.6

	Utilization during 9401			
	Input %		Output %	
	aver	peak	aver	peak
NORDUnet-Denmark	4.84	12.70	9.63	27.01
NORDUnet-Finland	31.93	53.13	21.43	37.52
NORDUnet-Iceland	13.90	70.32	42.86	91.45
NORDUnet-Norway	13.07	22.41	19.81	41.94
NORDUnet-Poland	0.96	3.48	0.19	1.45
NORDUnet-Sweden	44.85	72.14	30.49	54.13
NORDUnet-Tallinn	6.22	21.76	18.52	51.59
Ebone-Stockholm-Amsterdam	28.38	49.57	30.45	58.99
Ebone-Stockholm-Bonn	7.01	31.79	19.73	54.56
Ebone-Stockholm-US	47.69	80.65	50.26	78.84

	Kbps during 9401				
	Input		Output		Max
	aver	peak	aver	peak	speed
NORDUnet-Denmark	93	244	184	519	1920
NORDUnet-Finland	634	1100	425	744	1984
NORDUnet-Iceland	8	39	24	51	56
NORDUnet-Norway	259	445	394	867	1984
NORDUnet-Poland	18	67	4	28	1920
NORDUnet-Sweden	918	1477	624	1109	2048
NORDUnet-Tallinn	4	14	12	33	64
Ebone-Stockholm-Amsterdam	434	761	466	906	1536
Ebone-Stockholm-Bonn	17	81	50	140	256
Ebone-Stockholm-US	731	1239	770	1211	1536