PING Availability statistics 930401 - 930430

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
stockholm-ebs1.ebone.net	0	0	37	00:43:58	99.90%
se-gw.nordu.net	0	1	2	00:51:00	99.88%
london-ebs1.ebone.net	0	0	49	00:57:59	99.87%
london-ebs2.ebone.net	0	1	23	01:17:02	99.82%
dk-gw.nordu.net	0	1	22	01:28:57	99.79%
amsterdam-ebs2.ebone.net	0	1	51	01:36:58	99.78%
stockholm-washington.ebone.net	0	3	73	02:52:58	99.60%
no-gw.nordu.net	0	2	78	03:01:00	99.58%
fi-gw.nordu.net	2	0	10	03:18:57	99.54%
is-gw.nordu.net	0	7	75	05:07:53	99.29%

SNMP Availability statistics 930401 - 930430

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
Stockholm-EBS1	0	0	2	00:00:20	100.00%
Stockholm-Norway	0	0	15	00:15:39	99.96%
Stockholm-Amsterdam	0	1	15	00:46:51	99.89%
Stockholm-Denmark	0	1	21	01:05:37	99.85%
Stockholm-Washington	0	3	8	01:13:53	99.83%
Stockholm-London	0	2	13	01:30:13	99.79%
Stockholm-Finland	1	3	12	02:55:48	99.59%
Stockholm-Bonn	1	2	5	03:56:30	99.45%
Stockholm-Iceland	0	7	29	03:56:07	99.45%
Stockholm-Tartu	10	4	3	17:13:52	97.61%
Stockholm-Tallinn	10	10	94	25:06:30	96.51%
Stockholm-Poland	12	7	40	54:40:19	92.41%

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Event Log

930401 18:18	(1h) Link to Finland down
930401 18:00	Stockholm-Brentside/London line moved to ULCC and Stockholm-EBS5/London-EBS2 removed.
930402	The line Bonn-Geneva is up and the second loop of EBONE is closed.
930407 07:35	Interface card replaced in dk-gw. This caused problems with bridging and the IXI/DECnet connection from NORDUnet.
930409 14:50	Lightening strike to the PTAT cable head in Brean, UK. All commercial power is affected.
930415 11:00	Start testing redirect of NORDUnet-CERN traffic via Bonn.
930419 20:00	Power work at SARA. All networking equipment down.
920422 10:00	Software upgrade of the Stockholm X25 switch (semega).
930422 20:00	During the Stockholm service-window work done by TELE2 on the Stockholm-Washington line. Removing Stockholm-EBS3 and move the frame-relay line connecting TIPnet and Datanet to Stockholm-EBS2.
930424	DNS Bind version 4.9 installed on the root server nic.nordu.net
930426 18:00	Swap of serial interface boards in Amsterdam-EBS2
930426 15:21	The T1 portion of the UK fat pipe between College Park, MD and Washington, DC down.
930429 19:00	Sprint performs maintenance on the Sprint/ICM router at FIX-East. Sprint will be replacing the ICM-FIX-E cisco AGS+ with another which will support a connection to the new FIX-East FDDI LAN. Sprint has experienced significant packet loss rates due to congestion on the present FIX-East ethernet LAN. Migration to the FDDI LAN should eliminate the packet loss and improve overall throughput. The new ICM-FIX-E router will also support a DS-3 (45 Mbps) connection to the Sprint Washington, DC node site, where the ICM transatlantic connections terminate. Also note that Sprint has added a second cisco AGS+ router in the Washington, DC node site (ICM-DC-2) to share the transatlantic traffic with the existing ICM-DC-1. Ebone connections will be spread across both routers to maximize service availability between the U.S. and Europe. ICM-DC-2 will be connected to MAE-East to provide futher redundancy with MAE-East peers.
930429 09:15	The line from Stockholm to Washington is down due to problems in Denmark.
930430 23:46	One of two T-1 links between ICM_DC_1 and ICM_FIX_E went down. The T-1 link was restored after a Sprint tech found a hung DACS port at the Sprint Washington, D.C. switch site.

	Megabytes during 9304	
	Input	Output
NORDUnet-Denmark	12079.7	34710.5
NORDUnet-Finland	158485.4	79801.4
NORDUnet-Iceland	1682.3	4890.1
NORDUnet-Norway	31244.5	79585.7
NORDUnet-Sweden	124689.0	136894.0
NORDUnet-Poland	637.4	5482.2
NORDUnet-Tallinn	562.4	2594.1
NORDUnet-Tartu	827.6	2875.7
Ebone-Stockholm-Amsterdam	53711.6	61755.5
Ebone-Stockholm-Bonn	8487.3	12530.7
Ebone-Stockholm-London	38191.6	45627.6
Ebone-Stockholm-US	173051.4	178691.8
Ebone-Nordic-Carriers	2646.3	4907.1
Ebone-SWIPnet	3177.0	8077.8

	Utilization during 9304			
	Input %		Output %	
	aver	peak	aver	peak
NORDUnet-Denmark	7.70	27.12	22.19	67.05
NORDUnet-Finland	51.39	73.10	25.46	46.29
NORDUnet-Iceland	9.78	30.37	28.36	72.96
NORDUnet-Norway	19.89	44.40	50.79	84.05
NORDUnet-Sweden	19.85	39.27	21.95	38.95
NORDUnet-Poland	7.17	32.81	60.01	83.04
NORDUnet-Tallinn	2.94	8.38	13.42	45.49
NORDUnet-Tartu	4.30	15.80	14.89	53.15
Ebone-Stockholm-Amsterdam	34.01	70.53	39.16	75.83
Ebone-Stockholm-Bonn	10.95	32.51	16.14	40.13
Ebone-Stockholm-London	48.68	84.66	58.04	93.55
Ebone-Stockholm-US	37.51	65.97	38.47	63.34
Ebone-Nordic-Carriers	3.36	20.09	6.27	26.05
Ebone-SWIPnet	16.02	64.85	40.55	88.66

	Kbps during 9304				
	Input		Output		Max
	aver	peak	aver	peak	speed
NORDUnet-Denmark	40	142	114	352	512
NORDUnet-Finland	529	918	263	557	1024
NORDUnet-Iceland	5	17	16	41	56
NORDUnet-Norway	103	246	262	506	512
NORDUnet-Sweden	408	831	450	798	2048
NORDUnet-Poland	2	11	18	32	32
NORDUnet-Tallinn	2	5	8	29	64
NORDUnet-Tartu	3	10	9	34	64
Ebone-Stockholm-Amsterdam	175	395	202	437	512
Ebone-Stockholm-Bonn	28	83	41	103	256
Ebone-Stockholm-London	125	221	149	255	256
Ebone-Stockholm-US	576	1043	591	991	1536
Ebone-Nordic-Carriers	9	51	16	67	256
Ebone-SWIPnet	10	43	26	68	64