

# BDIX Updates

SANOG 7

January, 2006

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[www.bdix.net](http://www.bdix.net)

# Few words on ISPs

- No Fiber optic backbone yet.
- ISPs are using VSAT to peer with Internet.
- Most of the up streams are in HK, SG or USA.
- Total bandwidth of each ISP varies from 3MBPS to 15MBPS.
- Around 65 ISPs are providing Service at present.

# BDIX

- BDIX has started in August 26,2004.
- As of now 16 ISPs are peering at BDIX.
- Other ISPs are on the process of connection.

# CONNECTED ISPs till today

ISP	Date	Mode	Speed
SDNP	27/08/2004	UTP	10 MBPS
BDCOM	27/08/2004	Fiber	10 MBPS
ISN	04/09/2004	Fiber	10 MBPS
BOL	06/09/2004	DSL	2 MBPS
LINK3	27/09/2004	Radio	10 MBPS
AccessTel	04/11/2004	DSL	2 MPBS
Daffodil	28/11/2004	DSL	2 MBPS
Aftab IT	28/11/2004	Radio	10 MBPS
Rangs IT	28/11/2004	Radio	5 MBPS
Bijoy Online	29/11/2004	Radio	2 MBPS
Proshika net	17/02/2005	DSL	2 MBPS
BRAC BDMAIL	01/04/2005	Radio	2MBPS
BTTB	10/11/2005	DDN	512KBPS
EKTOO Ltd	18/01/2006	Radio	2MBPS
BSIX( Agni, Global, Grameen Cybernet))		Fiber	10MBPS

# BDIX Updates

- BDIX Peering Policy has been drafted.
- Two Router servers have been configured.
- BDIX Looking Glass server is up and running.  
and now visible from <http://lg.pch.net>.

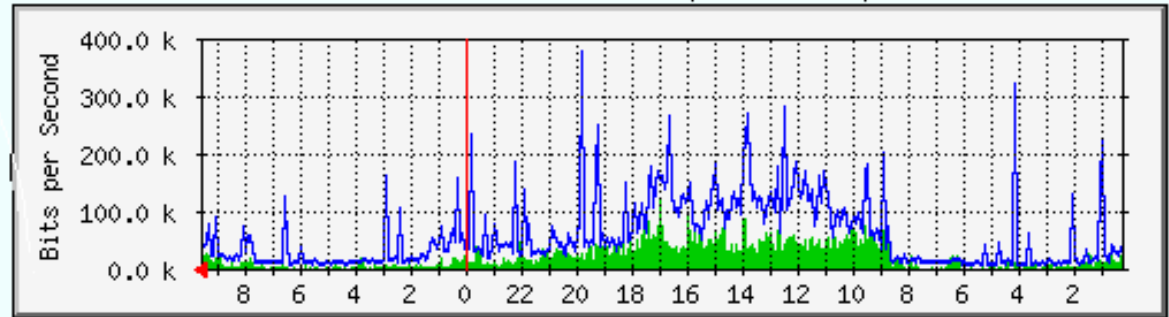
# BDIX Updates

- F-ROOT Server at BDIX
  - F-ROOT Server is installed at BDIX
  - by APNIC.

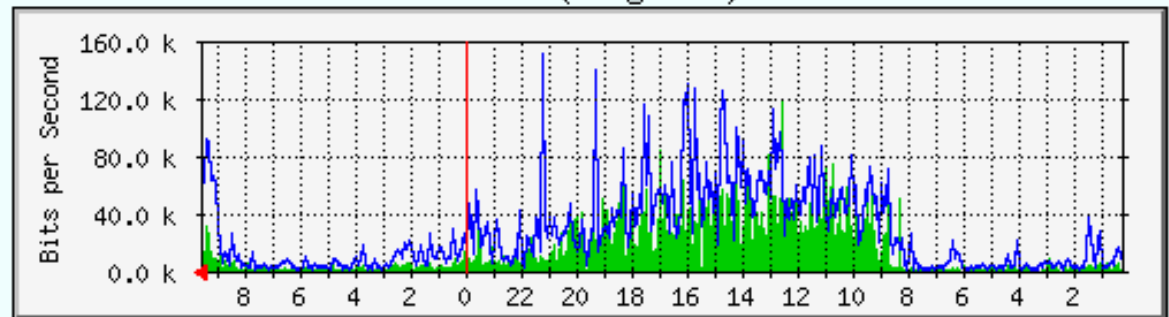
# Peering Policy

- BDIX is a settlement-free interconnection point. In other words, no settlement is to be paid by the peering participants for the incoming and outgoing traffic.
- All participants should not filter traffic or routing table entries to or from any other participants.

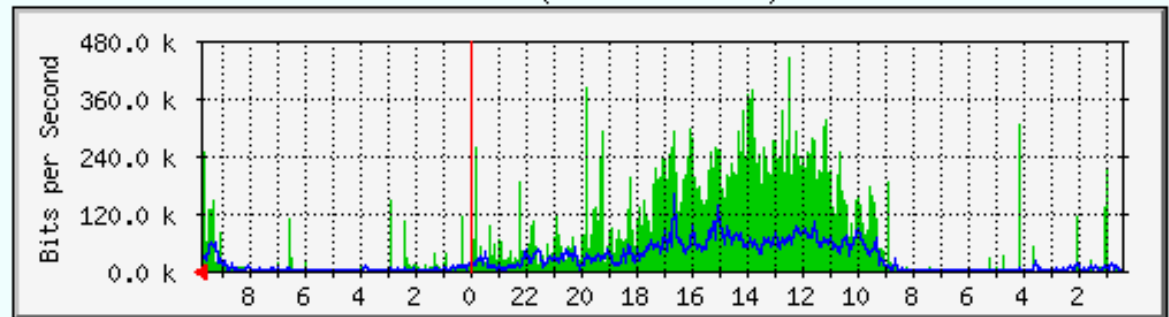
### 18. BDCOM Online Ltd.(bdcom.com)



### 19 ISN (bangla.net)

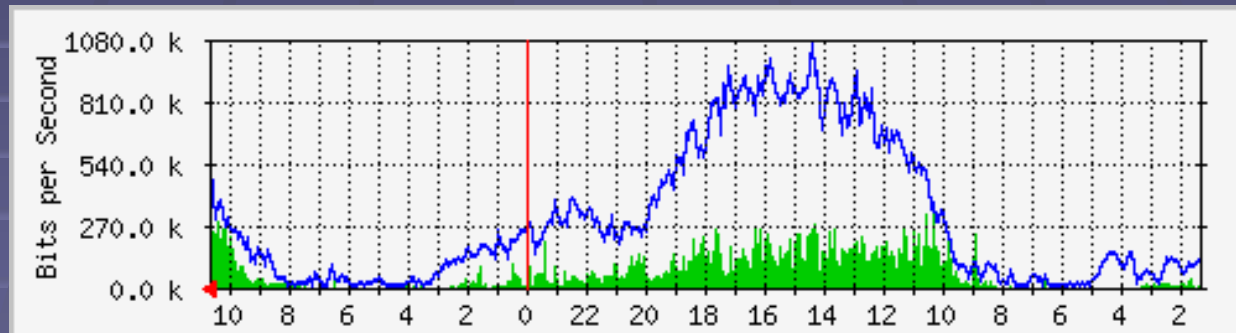


### 20. BOL (bol-online.com)



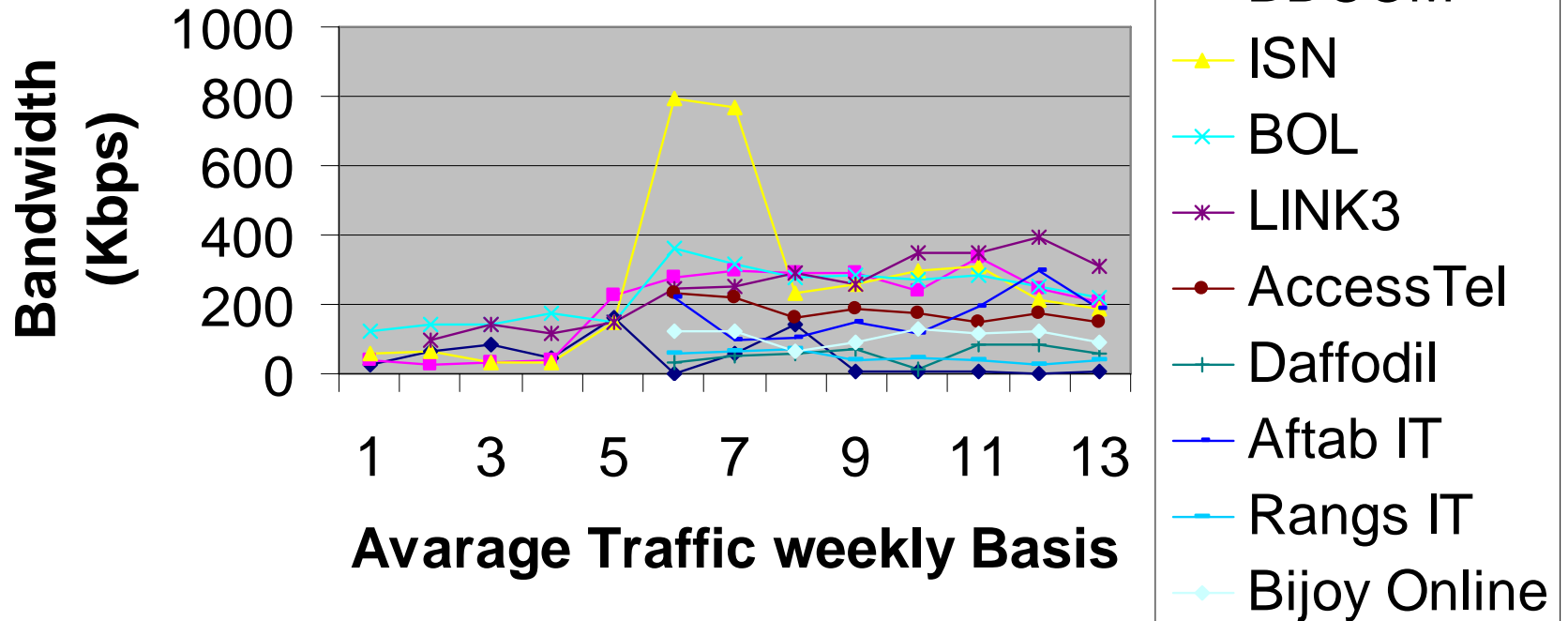


# BDIX Updates



Max In:330.6 kb/s (0.3%) Average In:75.4 kb/s (0.1%) Current In:262.8 kb/s (0.3%) Max Out:1077.1 kb/s (1.1%) Average Out:301.6 kb/s (0.3%) Current Out:544.6 kb/s (0.5%)

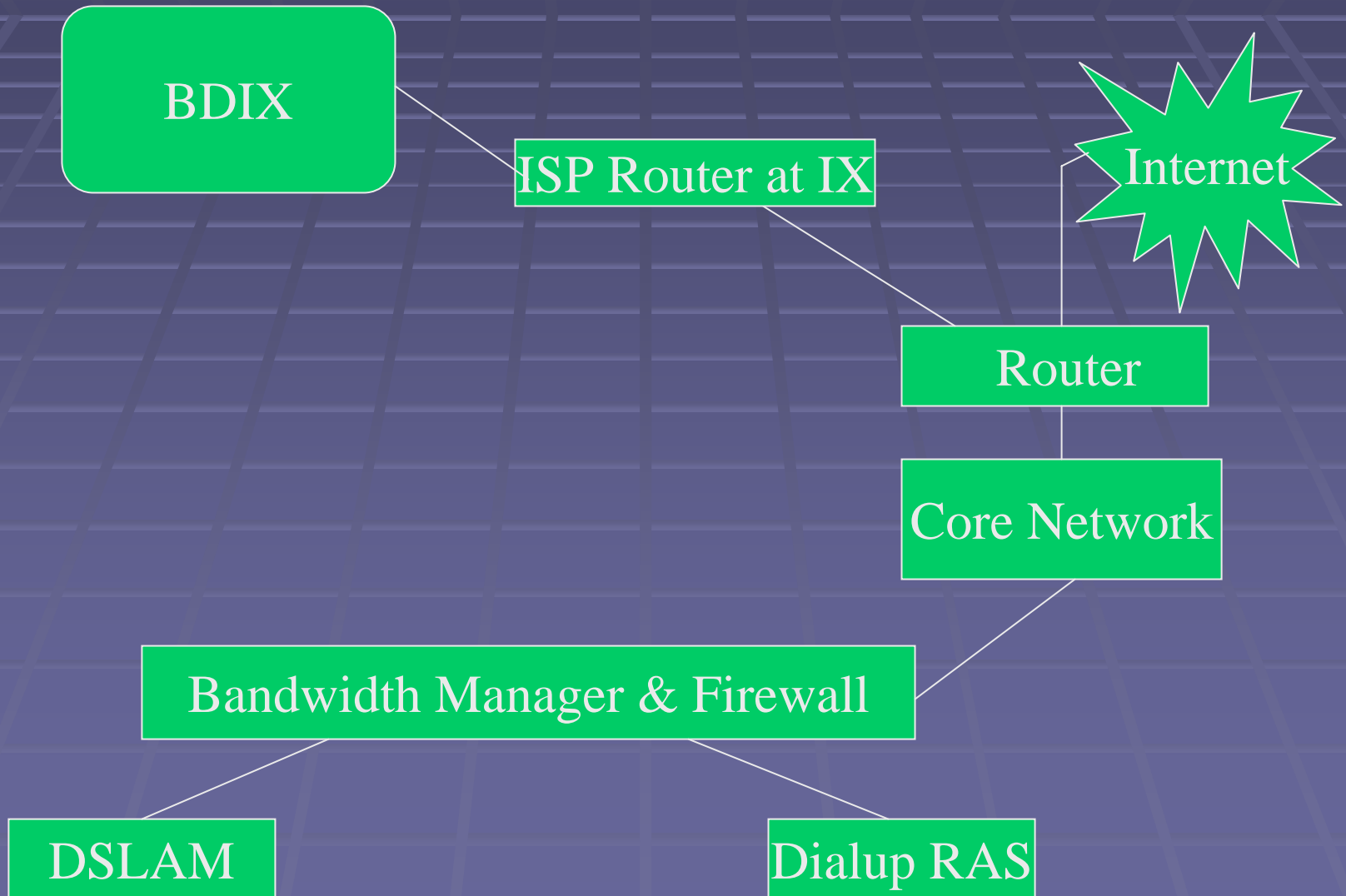
### Total Comparison Graph (10 ISP's)



# Net Flow Output

Protocol	Total	Flows	Packets	Bytes	Packets	Active(Sec)	Idle(Sec)
-----	Flows	/Sec	/Flow	/Pkt	/Sec	/Flow	/Flow
■ TCP-Telnet	1294	0.0	27	61	0.1	5.8	14.0
■ TCP-FTP	3742	0.0	61	48	0.7	3.2	14.2
■ TCP-FTPD	1	0.0	22	44	0.0	0.0	15.9
■ TCP-WWW	285617	0.9	8	291	8.8	2.2	4.1
■ TCP-SMTP	140780	0.4	14	322	7.2	4.7	4.8
■ TCP-X	1080	0.0	21	40	0.0	0.2	15.5
■ TCP-BGP	50492	0.1	1	49	0.2	2.6	15.3
■ TCP-other	463219	1.6	13	106	21.3	1.8	7.7
■ UDP-DNS	136111	0.4	20	73	9.7	3.2	15.4
■ UDP-NTP	20	0.0	1	76	0.0	0.0	15.3
■ UDP-other	188845	0.6	4	468	3.1	10.8	15.4
■ ICMP	41337	0.1	25	67	3.6	4.2	15.4
■ Total:	1312538	4.5	12	175	55.3	3.7	9.1

# Observations



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Traffic volume is not that much as we expected.

Main reason is most of the local content provider hosts there WEB Content abroad.

More Local content to be developed.

So far mostly email traffics are being interchanged.

Even though Most meyor ISP's pointed there MX to abroad to avoid SPAM and Virus.

Thank you