

BDIX Updates

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BDIX Available Resources

- ⇒ Switch - Cisco 3550 2 Units
- ⇒ Routers – Cisco 1760 2 Ethernet, 32 MB Flash, 128 MB RAM 16 units
- ⇒ Route Server – Cisco 1760 2 units
- ⇒ Radio – Wilan Ultima-3, 5.8 GHz 16 units
- ⇒ Server – Sun work station 1 unit, Dell P4 1GB RAM 2 units
- ⇒ Necessary UPS and generator power backup

Capacity

With present resources:

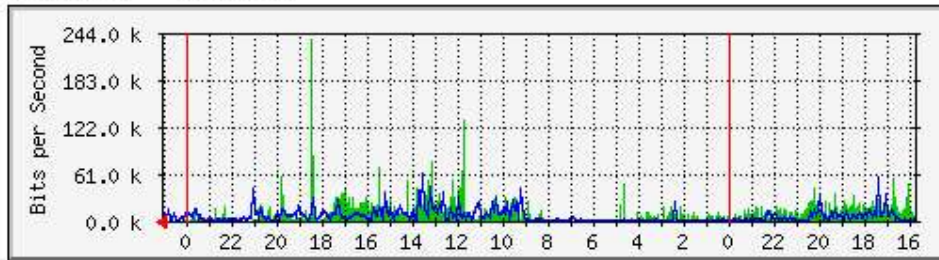
- ⇒ 16 ISPs can be connected
- ⇒ Maximum bandwidth 10MBPS for each ISP
- ⇒ Exchange is providing Switch port, Router at IX end, Radio equipment at IX end.
- ⇒ ISPs are allowed to connect through DSL or Fiber at their own cost

BDIX- Now in operation

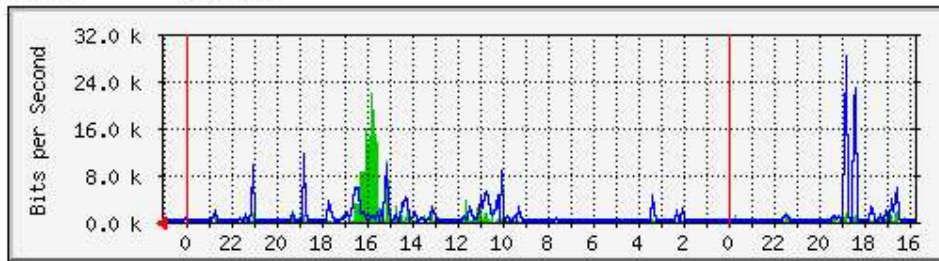
- ⇒ BDIX has started in test basis on August 26,2004
- ⇒ BDCOM(AS24122) and SDNP(AS9825) starts peering
- ⇒ As of now Aug 31 ISN(AS9832) and BOL (AS9230) are also connected.
- ⇒ Other ISPs are on the process of connection
- ⇒ In September another 4 to 6 ISPs will join

Present traffic

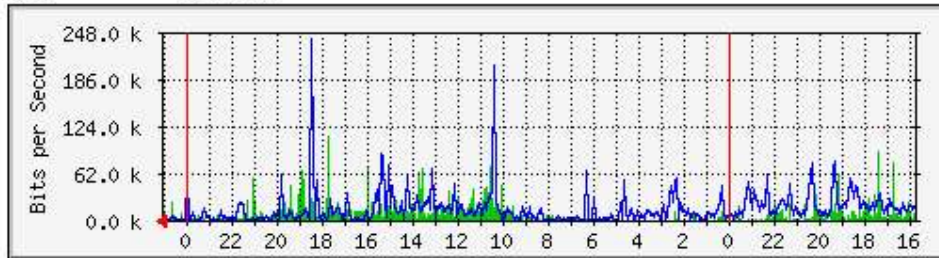
BDCOM AS24122



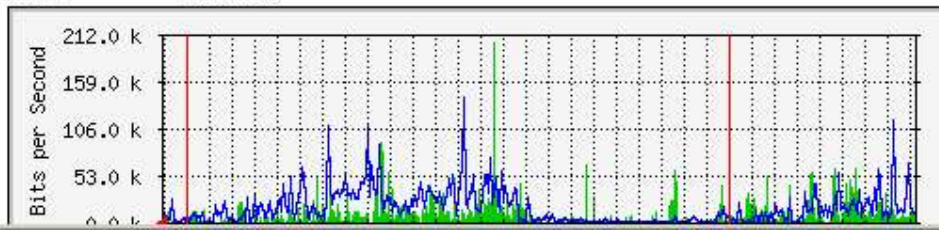
SDNP AS9825



ISN AS9832



BOL AS9230



Difficulties

- ⇒ Most ISPs are not APNIC Member. So does not have their AS Number
- ⇒ Few started processing to become APNIC member
- ⇒ Few Trying to get AS number through their upstream provider but no success yet.
- ⇒ **APNIC help is essential to make it a very successful Internet Exchange Point.**

To be done.....

- ⇒ Route servers has to be configured. At present doing full mesh EBGP peering
- ⇒ IRRD Tools to be configured to maintain peering information
- ⇒ Net flow Server has to be configured to monitor and analyze traffic
- ⇒ Have plan to mirror Root Server

Future Plan

- ⇒ It is expected that by December 2004 16 ISPs will be connected through BDIX
- ⇒ BDIX will need expansion
- ⇒ Branch IX has to be established in different cities and has to be connected



Thank you