

History

- **Founded by MCIT for ISPs that have International BW (8 ISPs)**
- **Started in Q2 2002 with router Cisco2610 and switch Cisco3524**
- **2 ISPs (TEDATA, NOL)**
- **EGYNET (3rd ISP) after 6 months**
- **IPv4 BGP peering, Using 10/100 Ethernet interfaces**
- **Maximum exchanged local traffic was**



Challenges

- **ISP License**
- **Location**
- **ISPs decision makers**
- **Technicalities**
- **CAIX Policies & Regulations**
- **Building communication channels**



NTRA Role..

Regulations: Interconnection mentioned in Class A & B ISP Licenses and ISP's compromised on NO charges for traffic exchanged.

Site Neutrality: Is very important for ISPs

in Egypt ... actually it's a condition for

ISPs to connect. So it's located



(Ramses CO) where all ISPs are

NTRA Role..

Peering Policies :

- Based on voting and consensus of all members
- open peering with filtering based on AS #
- one-to-one peering (private) is not allowed

Fees & Support: It's for free of charge

and 24/7 on-call support

Communication Channels: It's v



Current Status

- Run by NTRA (router Cisco3602 and switch Cisco(4000
- 5ISPs connected via Giga fiber ports
-)TEDATA 2Gbps, Vodafone data, Etisalat Misr, NOOR and Link.net(
- 1ISP connected via Fast Ethernet (Yalla(
- BGP peering for IPv4 and IPv 6
- No content hosted except PCH servers (copy of +30 (sDLTcc
- Max. exchanged local traffic > 1.3 Gbps
- Total international active capacity (contracted) is 100



Statistics



- **v4 Routing table has 3300 IPv4 routes and growing.**
- **v6 Routing table has 5 IPv6 routes.**

Thanks