



BỘ THÔNG TIN VÀ TRUYỀN THÔNG  
TRUNG TÂM INTERNET VIỆT NAM

MINISTRY OF INFORMATION AND COMMUNICATIONS  
VIETNAM INTERNET NETWORK INFORMATION CENTER

# AN INTRODUCTION TO Vietnam Internet Network Information Center (VNNIC)

THAILAN 09/5/2016

## VNNIC:

- is an affiliation to the Ministry of Information and Communications
- founded on 28th April 2000

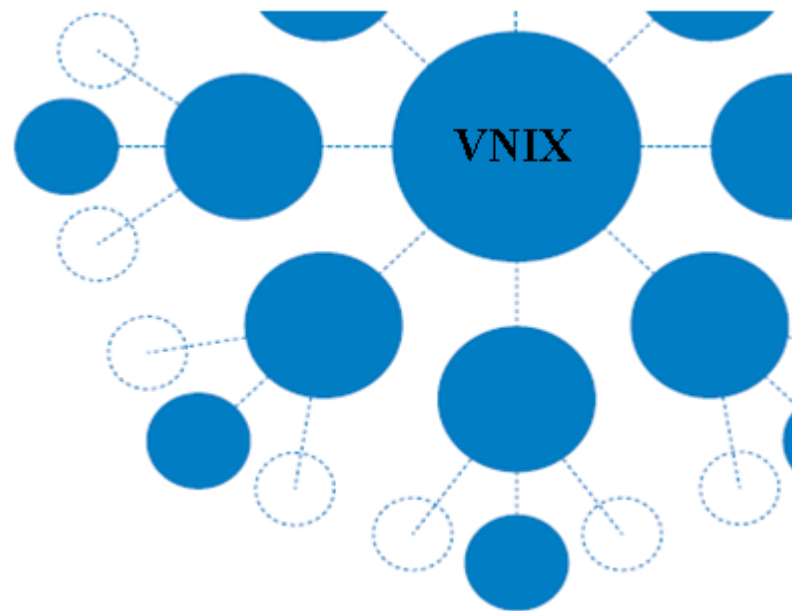
## Main responsibilities:

- To carry out the functions of managing, allocating, supervising and promoting the use of Internet resources (Internet domain name, IP address, Autonomous System Number) in Vietnam
- Manage Vietnam National Internet eXchange (VNIX)

# ABOUT VNIX

## VNIX:

- A system of transferring domestic Internet traffic in VN
- To be constructed, operated, managed by VNNIC from 2003
- Working in three regions:
  - the North (Ha Noi city – 2 sites)
  - the South (Ho Chi Minh city – 1 site)
  - the Middle (Da Nang city – 1 site).



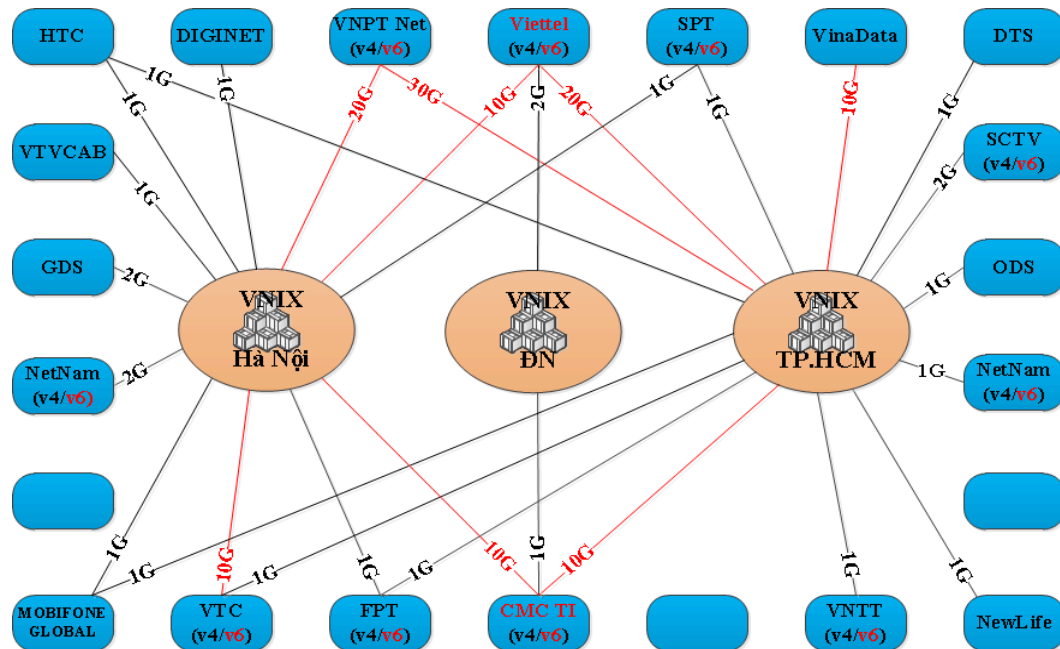
# ABOUT VNIX

## VNIX:

- Layer 2 IX with MLPA between 18 ISPs
- With two types of connections:
  - n x 1Gbps/port
  - n x 10Gbps/port
- Support IPv4, IPv6 (10/18)
- 146 Gbps
  - HN: 60 Gbps
  - HCM: 83 Gbps
  - DN: 3Gbps
- Traffic:
  - From 2003 – now: ~ 388,000 TB
  - Peak traffic: ~ 24Gbps

## Trend of VNIX:

- MLPA, BLPA, group peering
- Connecting to other IXs



# THANK YOU !

