

# SPAM Handling : activities and Strategies in Indonesian

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## Presenter :

Mr. Noor Iza

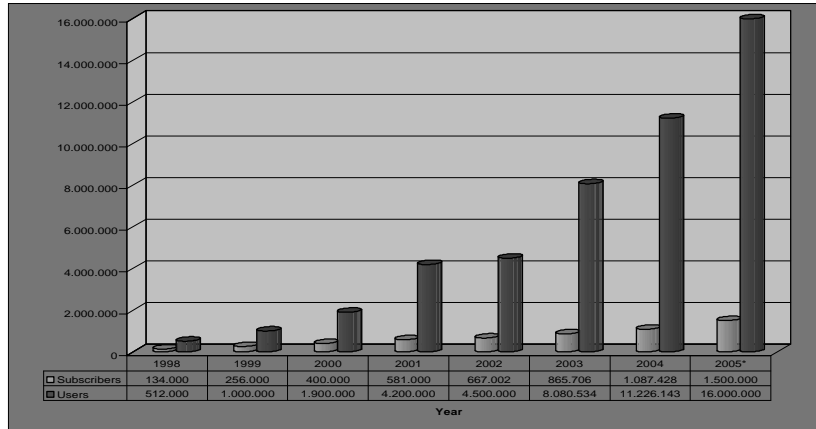
Directorate General of Posts and Telecommunication  
The Ministry of Communications and Information Technology  
2005

# Facility of access into ICT

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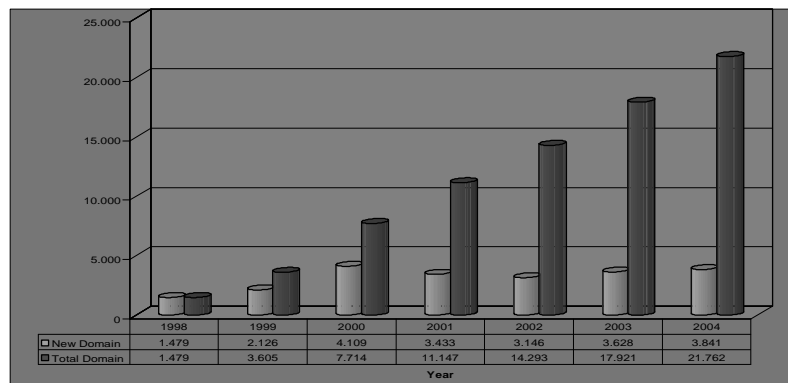
- ✍ Conventional Phone-line:
    - ✍ Home access (subscriptions : prepaid & postpaid)
    - ✍ Internet Instant : no subscription required, common username and password
  - ✍ Hybrid Fiber-Coax (HFC) : Jakarta and surrounding, Bandung, Yogyakarta province
  - ✍ Wireless access : in many cities
  - ✍ ADSL : Jakarta, Surabaya & some other cities.
  - ✍ Hotspot : spots in many places (WiFi)
  - ✍ Mobile access : delivered by some mobile operators
  - ✍ Internet cafes : everywhere
  - ✍ Indonesia Internet Exchange :
    - ✍ All ISPs make peer-to-peer connection through connected IIXs.
    - ✍ Optimize domestic internet traffic.
    - ✍ Supporting local content from local servers
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## Internet Penetration



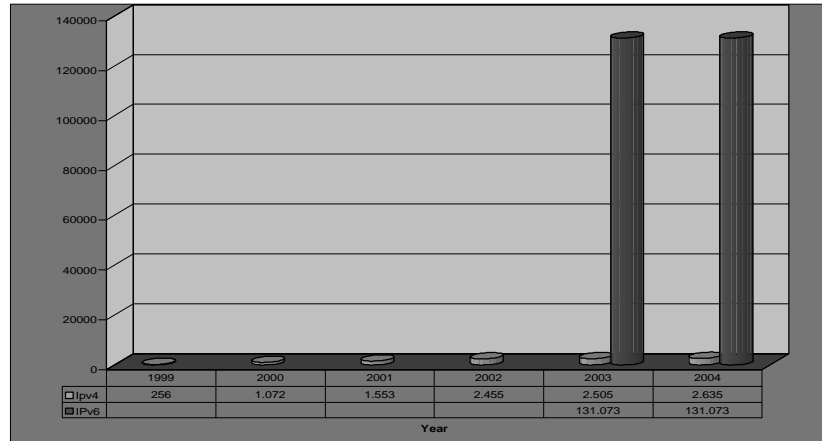
Source : Indonesian ISPs Association (APJII)

## Domain Growth



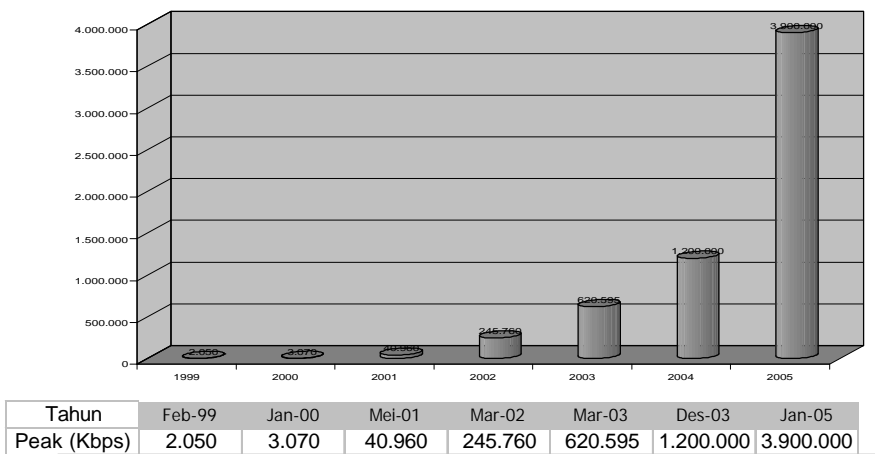
Source : Indonesian ISPs Association (APJII)

## IPv4 versus IPv6



Source : Indonesian ISPs Association (APJII)

## Peak Traffic IIX



Source : Indonesian ISPs Association (APJII)

## Spam handling

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- ✍ ISPs have made efforts on handing SPAM
  - ✍ Indonesian ISPs Association receives abuse reports on computers or information infrastructure from domestic and overseas.
  - ✍ Reports are directed to :  
[abuse@apjii.or.id](mailto:abuse@apjii.or.id)
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## SPAM category

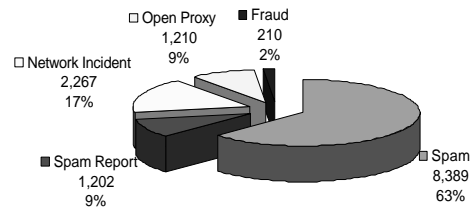
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- ✍ Spam : Email spam, abuse report from overseas to Indonesia
  - ✍ Spam report : Email spam, abuse report from domestic with regard to overseas or domestic network
  - ✍ Response : spam abuse reports be responded
  - ✍ Network incident : new abuse category ✍ illegal activities as network access by unauthorized person
  - ✍ Open proxy : new abuse category ✍ spam activities which are challenged by vulnerability of network system
  - ✍ Fraud : credit card fraud.
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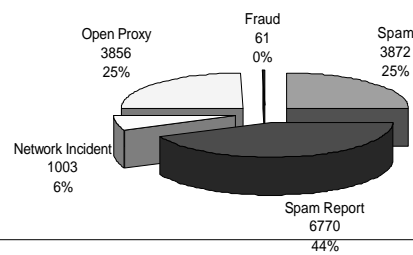
## Spam Reports

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2003



2004



## Today and Future :

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- ✍ Plan of Activities for security incident handling :
    - ✍ Responding reports on security incident
    - ✍ Report management
    - ✍ Internet traffic log system
    - ✍ Digital forensic
    - ✍ Abuse analysis
    - ✍ Providing guidelines on security and handling :
      - ✍ SPAM Prevention
      - ✍ SPAM handling
      - ✍ Anti SPAM Collaboration.
    - ✍ Socialization, education, training
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## Today and Future (2) :

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- ✍ Regulations approach :
    - ✍ Self-regulation, managed by potential team from ISPs association in collaboration with other association such as Indonesian Multimedia Association, Indonesia Cellular Telephony Association, etc.
    - ✍ Settling umbrella regulations (Law)
    - ✍ International Cooperation : ASEAN, APEC, etc.
    - ✍ Encouraged and facilitated by government through the Ministry of Communications and Information Technology.
    - ✍ Law enforcement : cooperation amongst national institutions such as Central Police Department, Attorney general office, etc.
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Thank You

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