

# Ngmylife Platform Update

## Inter-domain SIP Peering

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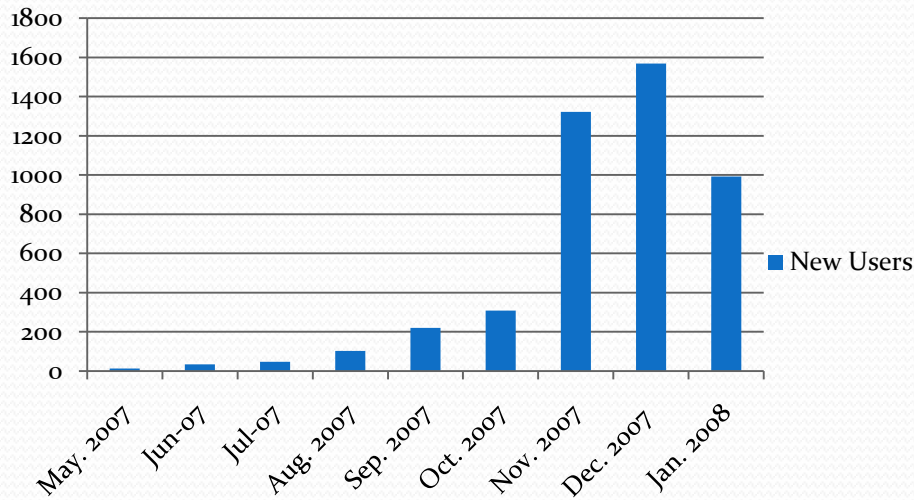
Network Research Center of Tsinghua University

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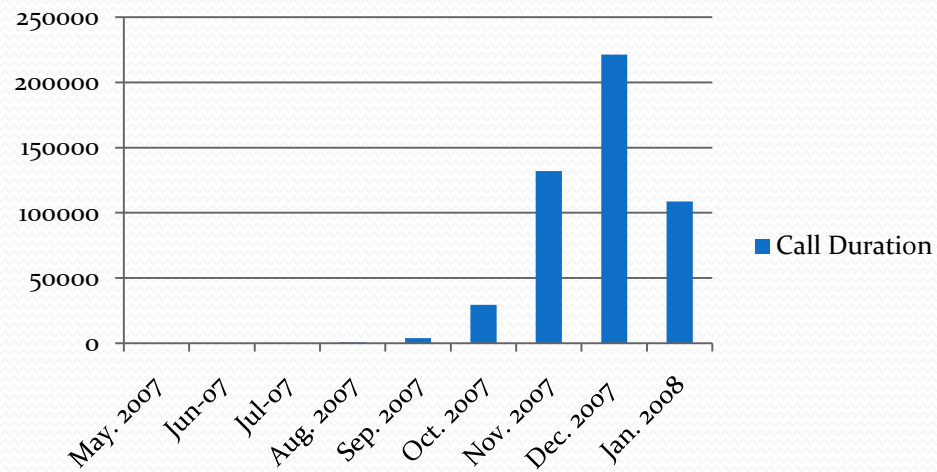
# Ngmylife Platform Progress

- More users
  - Exceed 4,500 IPv6 subscribers till now.
  - Call Duration of PSTN call increase quickly.

## New Users

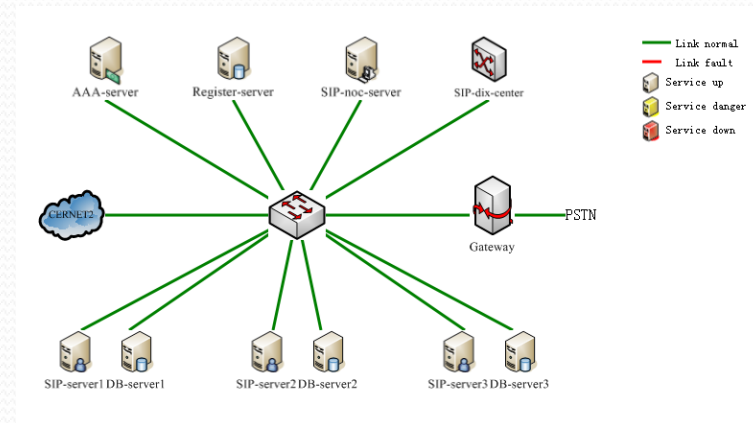


## Call Duration



# Ngmylife Platform Progress

- More stable user agents, Stronger Platform
  - Windows, WinCE, debugging Linux...
  - Using Firewall to Protect server from DDos Attack



# Ngmylife Platform Progress

- More Services
  - IPv6 PSTN Call
    - Peered with commercial VoIP Provider
  - Living Broadcast Nobel Prize Holders' Presentation
    - Source: Chinese University of Hong Kong(CUHK)
    - Receiver: Tsinghua University Students.
    - Scale: Over 1,500 concurrent users.
  - Exploration of SIP controlled P2P Streaming.

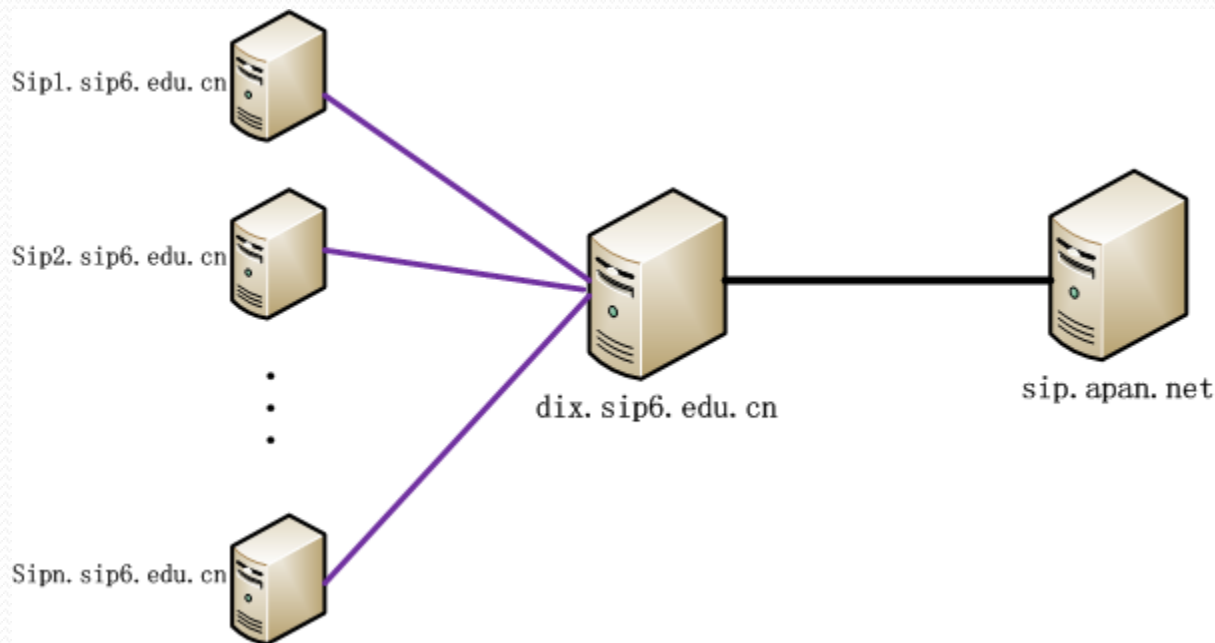


# Inter-domain SIP Peering

- Beginning discussion:
  - IPv4 or IPv6 Peering? **Both may be good choice, and we could support IPv6 SIP Peering Server**
  - Hierarchical or Federation? **Maybe first Hierarchical then Federation**
  - Phase Goal? Phase 1, 2,3...
  - Basic Rules? Who could in ...

# IPv6 SIP Peering Architecture

- DIX Center (**Hierarchical**)
  - Domain Name:dix.sip6.edu.cn
  - IP: 2001:da8:225:101:216:36ff:feeo:8868



# Phase 1 Goal

- Objective
  - Instant Message Peering
  - Voice Peering
  - Video Peering

# Phase 2 Goal

- Objective
  - Presence Peering
- Challenge
  - Presence Scalability

# Phase 3 Goal

- Objective
  - PSTN Call Peering
  - Other Applications Peering
- Challenge
  - AAA Peering

# Our Coordinator

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Are you ready?