

TWNIC UPDATE

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NIR SIG, 18th APNIC Meeting

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TWNIC

Outline

New attendee

TWNIC 2nd OPM

TWNIC Activities

Taiwan Internet Connectivity Map

Summary



New attendee

Dr. KU, Ching-Heng
Director of IP Department

Working Experience:

Associate Researcher,
National Center for High-
performance Computing,
2000-2004

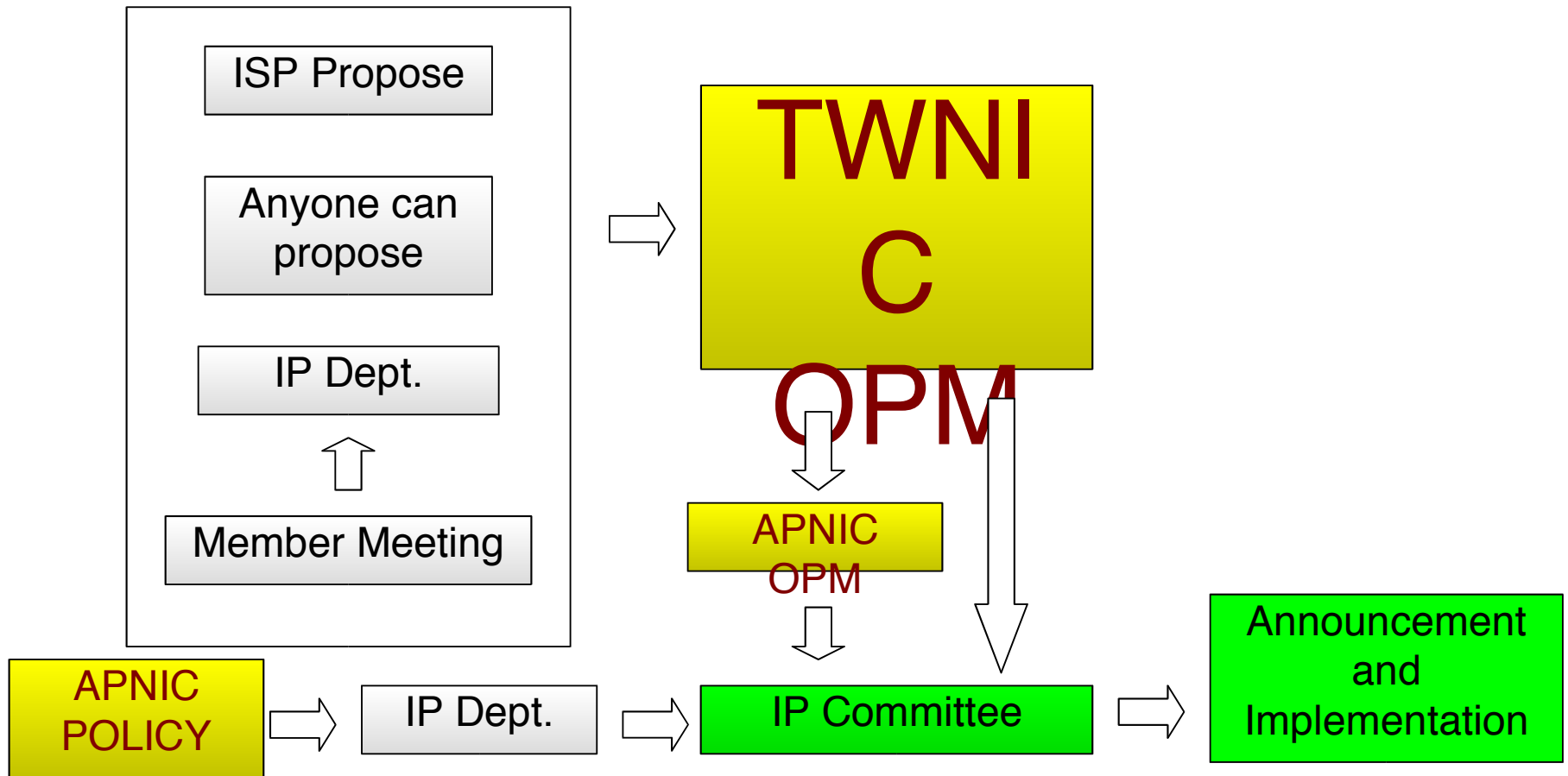
Assistant Professor,
Ming Hsin University of Science
and Technology

Focus:

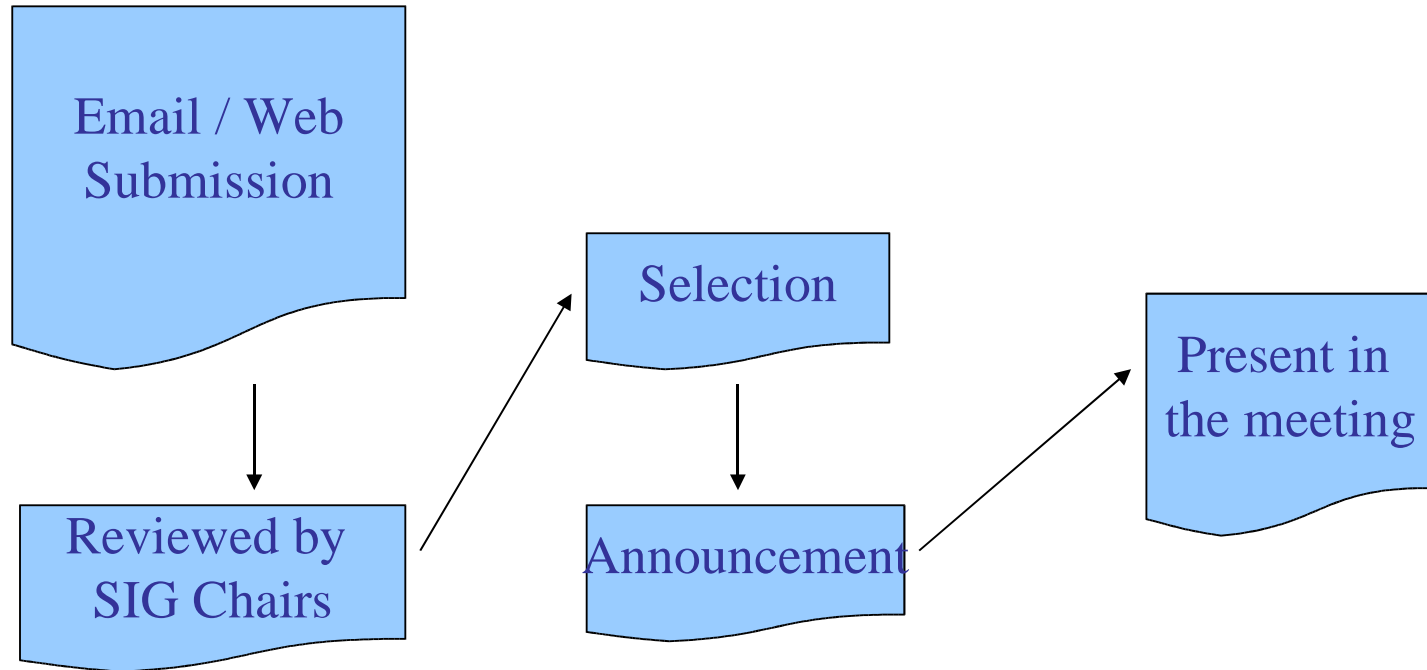
Computer Network,
Multimedia, VoIP



TWNIC policy making process



How SIG Proposals came out?



TWNIC Open Policy Meeting

Hold twice a year

Average 50 attendee

Attendees – ISP, ICP, Vendor, Academic Institute ...

Registration – Open to anyone

Session – Address SIG, Database SIG, Routing SIG



TWNIC 2nd Open Policy meeting



TWNIC 2nd OPM

Date : 24th June, 2004

Place : Taiwan Network Information Center

Attendees : 50 attendees

Presentations : Informational 4, Proposal 3

Preparation :

5/27 Chair/Co-Chair pre-meeting

5/31 Call for proposal – by Website 、 Mailing List

6/14 Proposal deadline – 3 proposals



SIG1 - Address SIG Discussions

Proposal 1- Modify xDSL/Cable address Assignment Policy

Consensus:

1. The amount of IP assignment depends on the number of hosts

2. Dynamic IP address has firstly consideration

3. A Second Opinion Request is necessary when request is over xDSL/Cable assignment window



SIG1 - Address SIG discussions

Report 1 – Resource statistics report by TWNIC

discussion issues :

- # 1. Internet Resource status in Taiwan
- # 2. Request processes suggestions

Report 2 – NTT IPv6 services by NTT Taiwan

discussion issues :

- # 1. Target customers in Taiwan
- # 2. Network infrastructure
- # 3. Deploy IPv6 experience in Japan



SIG2 - Database SIG Discussions

Proposal 2 - Propose a new WHOIS query model

discussion issues :

- # 1. Change WHOIS query/update structure from central model to distribution model
- # 2. Open Client/Server source to public
- # 3. How to maintain the tool kits
- # 4. Tool kits' Security issues
- # 5. No batch update/query mechanism
- # 6. Few ISPs interested in the new model
- # 7. Need more discussions necessary about the idea



SIG2 - Database SIG Discussions

Report 3 – Privacy of customer assignment

discussion issues :

- # 1. LIR should announce the policy to their customers
- # 2. Implementation time table
- # 3. Customer Assignment registration system update
- # 4. LIR also has the responsibility not to disclose privacy records



SIG3 - Routing SIG Discussions

Proposal 3 - Establish a trial looking glass system

Consensus:

- # 1. TWNIC coordinate/support ISPs to join
- # 2. ISPs open traceroute , ping functions to look up
- # 3. Focus on participant ISPs' operator
- # 4. Authentication using account/password
- # 3. Many ISP would like to join the trial



SIG3 - Routing SIG Discussions

Report 4 – Introduce the major Internet eXchange in the world

discussion issues :

1. The role of IX in Taiwan

2. The major services provided

3. Analysis the key IX in every region



Out come

TWNIC IP Committee

Modify xDSL/Cable assignment regulation

Approved by 27th IP Committee

Looking Glass system

Constructing Web page for TWNIC looking glass
Encourage ISPs to join



TWNIC activities

With TWNIC Members

3 TWNIC member meeting

2 Open Policy Meeting on June/Nov

2 member training – IP policy and request tutorial

2 network workshop – security workshop conjunction with CISCO Taiwan

IP-Committee meeting on 8th April, 27th May and 19th July



TWNIC Internet connectivity map

Period survey : quarter

Goal : provide public with a fair and objective overview of existing bandwidth in Taiwan

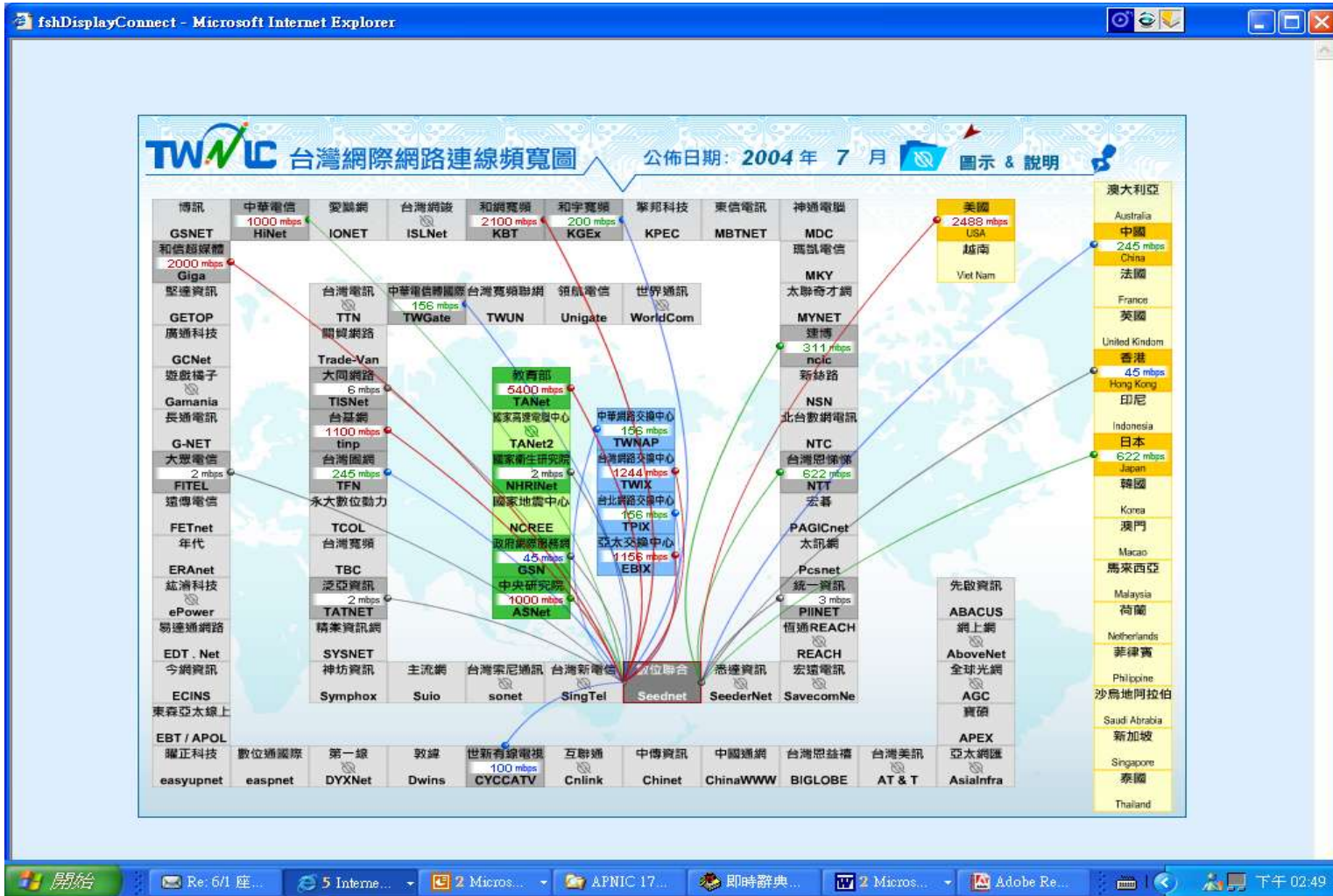
Survey target : ISP, IX, ICP in Taiwan

Come out :

On-line web flash map
publish show bill



TWNIC Internet connectivity map



Summary

OPM

Introduce APNIC proposals in advance

Encourage member/participant to speak out at OPM

Conjunct with member meeting or tutorial

Warm up some proposals in mailing list

Next OPM – on 23th Nov, APNIC and NIRs are welcome

Activities

With LIR – holds member meeting, OPM, training regularly

With APNIC – sponsor APNIC17/18, hostmaster training

With NIRs – cooperate with NIRs closely

Keep highly member service satisfaction



Thank You

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<http://www.twnic.net.tw>

