

Experience on training in APNIC

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National Internet Development





Overview



Duration

4 weeks (6 Aug 2007 ~ 31 Aug 2007)

Motivation

- Learn the skill and know-how for Internet Resource management
- Have a more channel between APNIC and KRNIC

Trainee

Jin-Man, Kim working for about 4.5 year in KRNIC

Trainer

mainly HM staffs (Guangliang, Anna, Nurul, Elly, Annie, Vikas...)

Training Schedule



♦ 1st ~ 2nd Week

- APNIC internal website, HM Guideline/website, MyAPNIC & other HM Tool
- APNIC Second Opinion procedure & Assignment Window
- Initial ISP request policy, procedure & case study
- Ongoing ISP request policy, procedure & case study
- IPv6 allocation policy, case study & hw to improve IPv6 request
- IPv6 Portable assignment policy & case study
- APNIC WHOIS management
- APNIC Policy Development
- Network abuse, spam & invalid contact
- Historical resource policy, procedure & case study
- Portable assignment policy, procedure & case study
- ASN (2-byte and 4-byte) policy, procedure & case study
- Resource recovery procedure
- HM procedure when closing members
- Helpdesk & Member services

Training Schedule



- ♦ 3rd ~ 4th Week
 - IX IPv6 request policy, procedure & case study
 - IPv6 request (larger than /32) case study
 - More tools (checkNS, checkreverse, mywhois, usage scripts etc)
 - NIR ASN (2-byte and 4-byte) allocation request procedure & case study
 - Non portable ASN assignment case study
 - Increase / Decrease AW in second opinion
 - Discuss about KRNIC IP request
 - Discuss about KRNIC ASN (2-byte & 4-byte) request
 - APNIC new Member request site & Apstats site

Training Flow



- Explain the policy and criteria
 - Q&A about the policy and criteria

Case study for the specific issue

- Explain some projects
 - Q&A about the projects

Check Point



Common Check Point

- Member status and contract info with Allocation Manager
- Utilization: How the member have used and will use IP
- Registration : Register the old net in APNIC WHOIS DB?

* ASN

- For member/For customer
- Visibility of existing ASN
- Timeframe for use
- Routing Policy

Second Opinion

- Sub-allocation/Assignment
- Assignment Window

Check Point cont'



- Initial Allocation
 - Using /23, Infra justify, net plan
 - Use /22 in a year time
 - Renumber plan

- Ongoing Allocation
 - Previous request
 - 80% Utilization
 - Second Opinion Request
 - Next allocation size

- IPv6 Initial Allocation
 - Net plan, at least 200 assignment for 2years
 - Existing IPv4 network and IPv4 customer will be considered if larger than /
 32

What you need to prepare



- Being aware of your member
 - Useful to provide the complementary information
- Request in detail
- Helpful to get the result for your request
- Management for the history of request
 - Stock the ticket and refer to them
- Getting more information and Giving feedback

Good Impression



- Well distributed work-load
- Cooperation between the different departments
 - APNIC staff meeting per month
- Well organized and documented the HM manual
- Good internal web site
 - Including almost everything HM needs
- Many nationalities working together
- HM doing hard work

Recommendation



Schedule

- Better avoiding the busy season
- Give a info about your knowledge as many as possible
- Have your own schedule

Preparation

- Decide what you are focusing on
- Knowledge about your organization

Equipment

APNIC will support all official devices even personal PC

Language

One of most important thing

Accommodations

Better stay near by the office or the train station

Food

Many various restaurants and take away shops

Photos of Brisbane

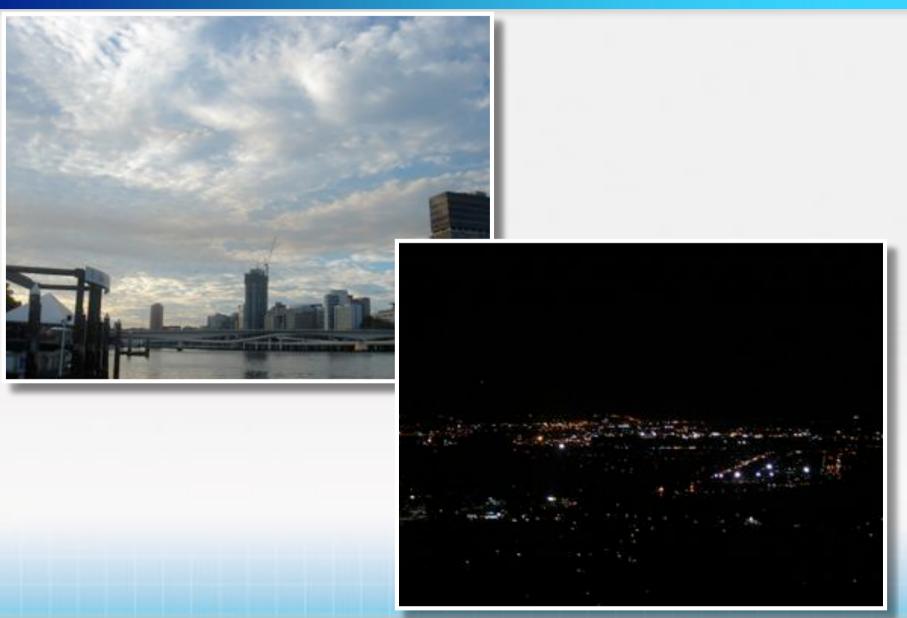






Photos of Brisbane







Vikas

Anna

Annie



Guangliang

Nurul

Elly

Thank you!