

APNIC EC Meeting Minutes

Teleconference

Friday 14 November 2002

Meeting Start: 11:10 am (UTC+10)

Minutes

Present:

Che-Hoo Cheng
Akinori Maemura
Geoff Huston
Kuo Wei Wu
Qian Hualin

Paul Wilson
Irene Chan
Gerard Ross (minutes)

Apologies:

Xing Li
BK Kim

Agenda:

1. Agenda Bashing
2. Minutes from last meeting (21 October 2002)
3. Financial reports for October 2002
4. New NIR application process
5. Root server MoU
6. ICANN status
7. AOB

1. Agenda bashing

- The Root server MoU was added to the agenda.

2. Minutes from last meeting (21 October 2002)

- There was a review of the open action items. There was a discussion of the notes relating to the ICANN discussions.
- Subject to the issues discussed, the EC approved the minutes from 21 October 2002.
- **Action ec-02-032:** Secretariat to publish minutes from 21 October 2002.

3. Financial reports for October 2002

- It was noted that this report incorporates the cash reserve analysis. Revenue is close to the budget, as are expenses.
- It was noted that at the recent LACNIC meeting, all RIRs gave status reports, which showed that APNIC allocated more address space than the other RIRs in the recent period and is the only RIR with membership growth.
- It was noted that the IP resource application fees are the major difference between the budgeted and actual figures. These fees represent growing membership.

- It was noted that APNIC has performed very well during a difficult year. The EC congratulated the Director General and the staff for preparing a very accurate budget and managing APNIC's financial position very well.

4. New NIR application process

- The draft application form and assessment guide were circulated to EC members. There was a brief overview of the changes to the draft application form.
- It was noted that the assessment guidelines for the EC will be hard to review until after the first applications are received.
- The new NIR application process is to be opened by 1 December. If there are no other comments, the NIR Application Form will be published by December.
- A part of the declaration relates to the withdrawal of NIR recognition if government endorsement is withdrawn. It was decided to seek legal advice on including that term in an addendum to the standard membership agreement.
- It was noted that the issue of escrow arrangements is no longer required with the new NIR allocation policies.
- It was suggested that it may be necessary to develop a separate NIR membership agreement. APNIC will seek legal advice on this issue.
- It was clarified that when applications are received, it is the Secretariat that will contact the applicant within one month.
- **Action ec-02-033:** Secretariat to seek legal advice on preparing an addendum to the membership agreement or alternatively developing a separate NIR membership agreement.

5. Root server MoU

- It was noted that the MoU appears to be a very good agreement.
- ISC already operates at least two copies of the F server in the USA. It was noted that Paul Vixie has also been negotiating with other parties, perhaps as many as ten.
- It was noted that Jun Murai believes it is urgent that more anycast deployment takes place.
- RIPE NCC is also going ahead with anycast deployment on K.
- There was a general discussion of the use of anycast for these servers.
- It was noted that all the operations work would be performed by ISC rather than APNIC. APNIC will grant ISC exclusive administrative control over the equipment. This is necessary for ISC's contractual position. APNIC will definitely not attain status as a root server operator through this arrangement.
- The issue of the costs was discussed. It was noted that the cost of the equipment is high and that MoU only commits ISC to contributing to the administration. It was suggested that so far this region has not contributed to the cost of root server operations. As a result, the root server operators do not represent the industry, and are outside the bottom-up process of the industry.
- It was noted that APNIC has a reasonable amount of unspent research and development money from the current budget, which would cover the costs of this activity for now. The ongoing funding of these activities could be discussed in the budget sessions of upcoming APNIC Member Meetings.
- There was a discussion of whether it would be possible to find an alternative way of undertaking and funding root server activities.
- It was noted that the pricing in the MoU is considerably lower than the original estimate of costs.

- It was noted that the MoU contains an assumption that it may be terminated by either party at any time.
- There was a discussion of the organisational fee in the MoU. It was noted that this was included as a way of reducing the per-server fee, due to the economy of scale from a single organisation providing more than one server location.
- It was noted that the cost of operating root servers is understandably high at the moment. However, it was suggested that it is likely to become more common and cheaper in coming years. Other servers may be better for APNIC in the long term; however, it would be useful for APNIC to gain experience with the F server now.
- The EC decided to proceed on this basis now, but the activity will be reviewed in one year.
- There was a request to calculate traffic at a range of different sites. It was noted that APNIC could seek assistance from the RIPE NCC in using their test traffic measurement tools.
- Some of the NIRs have good collocation sites which may be suitable for hosting root server operations.
- It was noted that China has very good capacity to the USA and Japan, but not to Australia or other AP countries. The regional topology issues will be investigated as part of this project.
- The MoU will be announced at the IETF in the coming week.
- **Action ec-02-034:** Secretariat to initiate and encourage research into the most appropriate collocation sites, bearing in mind the bandwidth and other issues discussed.

6. ICANN status

- LACNIC has just held its first member meeting since achieving recognition. The meeting was well attended by RIR representatives and this allowed for useful discussions regarding ICANN issues.
- There was a discussion of the proceedings from the ICANN meeting in Shanghai. It was noted that ICANN has three core concerns, Root server operation, addressing issues and protocol parameter work. It was noted that the IETF has expressed concern with the role of ICANN in the protocol parameter work.
- It was noted that the RIR position has been misrepresented by the ccTLD community. The RIRs have not been pushing for independence, but rather are interested in encouraging more stability in the addressing role. The RIRs have repeated that are still working hard to negotiate in good faith with ICANN.
- It was stressed that the RIRs policy processes remain open to non-RIR members. It was noted that ICANN now appears more open to some RIR suggestions than previously.
- It was noted that there have been recent discussions in relation to placing addressing resources in a trust that the RIRs would help administer.
- The next step will be for ICANN to respond with a more thorough proposal arising from the recent meeting and the correspondence between the RIRs and Vint Cerf.
- The transcripts from the Shanghai meeting indicate that ICANN is expecting to conclude all of the transition issues at the next meeting in Amsterdam, December 2002.
- It was noted that it would be very useful for APNIC EC members to attend the Amsterdam meeting.

7. AOB

- none.

8. Next meeting

- To be arranged.

Meeting closed: 12:15 pm

Open action items

- **Action ec-02-025:** Secretariat to investigate past meeting attendance data and prepare a proposal for determining AC voting entitlement.
- **Action ec-02-032:** Secretariat to publish minutes from 21 October 2002.
- **Action ec-02-033:** Secretariat to seek legal advice on preparing an addendum to the membership agreement or alternatively developing a separate NIR membership agreement.
- **Action ec-02-034:** Secretariat to initiate and encourage research into the most appropriate collocation sites, bearing in mind the bandwidth and other issues discussed.