PROGRESS REPORT - IIX

Current Configuration

- We have 3 IIX nodes.
- IIX is a layer 2 and 3 infrastructures.
- Total members: 70 members (until July 01 '03).
- Members connect to the IIX using IPv4 Address.
- Total routing announcements: 1600 lines.
- 16% of our members using static route and more than 84% using BGP to connect to the IIX.
- Now also supporting : IPv6 Address.
- IIX has received an IPv6 assignment from APNIC: 2001:07FA:0002::/48

Renumbering IPv4 Status

- **New Assignment from IX Range APNIC:**
  - **218.100.4.0/24**

- **Took time more than 2 months to renumber.**

IPv6 Implementation

- Since IIX-Router are supported to use IPv6, we will start to assign an IPv6 to each member soon.

- Each member will be assigned with a /128.

- Will be implemented on the existing IIX Configuration.

IPv6 Testbed

- **Will be implemented separately with the current IIX.**

- **Members are ISPs.**

IPv6 ImplementationProblem :

- **Members having limited knowledge with :**
  - **IPv6 implementation policy development.**
  - **Routing issues referring to BCP.**
  - **Many other technical issues including RFC& APNIC Policy comprehension, etc.**

Other Issues

- **Private AS implementation plans for members that will be connected to the IIX using Singlehoming BGP.**

- **As Static Route replacement.**

- **If a need for Multihoming exist, then the member is advised to request Public ASN assignment from APNIC/RIR.**

Conclusion

- **Invite ISPs to understand more about IPv6 implication, application, benefit, funding and so forth into Information Infrastructure Form in Indonesia**

- **Invite vendor industries to support the National Test Bed on IPv6 Infrastructure & Application in Indonesia**

- **To form IPv6-ID Task Force.**

- **Socialize IPv6-ID Forum in Indonesia.**

Thank You

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