NGN EG Activities in ASTAP

12nd ASTAP meeting & Worksop

Bangkok, Thailand
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Joon Won LEE
Rapporteur on NGN EG

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Introduction of APT

- **Asia-Pacific Telecommunity**
- **Established: 1979**
- **Headquarter: Bangkok(Thailand)**
- **Members**
  - **Full member: 33**
  - **Associate member: 4**
  - **Affiliate member**
- **www.apt.int**

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APT Activities

- **ADF**
- **APG**
- **ASTAP**
- **AWF**
- **HRD**
- **PRF**
- **SG**
- **etc**

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Overview of ASTAP

- **APT STandardization Program**
- **Launched: Feb. 1998**
- **To promote & coordinate expert activity in telecommunications standardization across the Asia-Pacific region**

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Structure of ASTAP

- **Chairmanship**
  - **Chairman: Bob HORTON (Australia)**
  - **Vice Chairman:**
    - **Kenji TANAKA (Japan)**
    - **Jae-Woon PARK (Korea)**
- **ASTAP Advisory Group**
- **Working Groups**
- **Expert Groups**
  - **JEG(Joint Expert Group)**

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Working Groups

- **Organization and Working Methods (OWM)**
- **Industry Relations Group (IRG)**
- **Accessibility and Usability (AU)**
- **ITU-T Issues Group (ITU-T)**
- **Regulatory Liaison Group (RLG)**
- **Strategic Plan Implementation**

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Expert Groups

- **Disaster Management Communication System (DMCS)**
- **IMT2000& beyond (IMT)**
- **Information Security (IS)**
- **Intelligent Transport Systems (ITS)**
- **Internet Related Topics (IRT)**
- **Millimeter-wave Personal Area Communication System (MPACS)**
- **Networked ID (NID)**
- **Next Generation Networks (NGN)**
- **Next Generation Web (NGW)**

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Proposed Expert Groups

- **Speech-to-speech Translation**
- **Bridging Standardization Gap**

Joint Expert Groups of ASTAP

- **Network JEG**
  - **RLG,IRT,NGN,NID**
- **Wireless JEG**
  - **ITS,IMT,DMCS,MPACS**
- **IT Application JEG**
  - **IS,NGW**

Activities of NGN EG

- **Rapporteur**
  - Joon Won LEE(Korea)
- **Co-Rapporteur**
  - **Hisashi Manabe(Japan)**
  - **Dinh Van DZUNG(Vietnam)**
  - **R. R. MITTER(India)**

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Areas of Work

- **Provision of information to members of the Expert Group, and ASTAP generally, on the developing international and regional standards for NGN (based on the ASTAP goal "To enhance the level of expertise on standardization among the membership and assists with upward and downward dissemination of information on standardization."). This would draw on the considerable involvement in NGN standardization from our Region**

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Areas of Work

- **Analysis of the implications of NGN in our Region and, when appropriate, development of proposals for submission to the global NGN standards process (based on the ASTAP goal "To expand contribution to global standardization activities, through cooperation on Standardization")**

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Areas of Work

- **The harmonization of NGN standards development in the Region, by the sharing of information on national standards work as well as input into international work (based directly on the ASTAP goal "To harmonize standardization activities in the region")**
- **The harmonization of standards for interim IP solutions**

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Areas of Work

- **To share information and, if possible, develop guidelines for the implementation of packet-based networks for telephony and other services, including both Internet Telephony / VoIP and standards-based NGN**
- **To promote interoperability among telecom services and products in the Region, etc**

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Outcomes/Deliverables

- **Sharing informations on the ITU-T NGN Recommendations**
- **Survey report on NGN-related activities**
- **Proposals to ITU-T or other SDOs.**

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Working Methods

- **Working by electronic means**
- **Working with other ASTAP groups as a Joint Expert Group**
- **Workshops and special meetings, generally associated with other APT events**
- **Exchanging the informations with ITU-T NGN experts**

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Survey since 11th ASTAP

- **Survey on the needs on the guidebook from the ASTAP members**
- **Survey on the IPv6 deployment in the ASTAP region.**

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Current Issues of NGN-EG

- **To discuss a common proposal on the NGN issues to ITU-T.**
- **To consider an activity to develop an NGN technical guidebook for PSTN engineers.**
- **To consider the NGN security from the point of view of end users.**
- **Joint survey with IRT-EG on the IPv6 deployment in our ASTAP region**
- **Contributions from ASTAP members**
- **Other NGN technical topics**

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Common proposal on the NGN issues

- **NGN Release 2 – Major services under discussion (ITU-T SG13)**
  - **- Full mobility (including FMC)**
  - **- IPTV services**
  - **- Home networking**
- **Discussion : Prioritizing services planned for NGN Release 2 from the point of view of ASTAP members**

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NGN technical guidebook for PSTN engineers

- **A guidebook describing NGN referring PSTN technologies**
- **Survey on its needs by an email-enquiry (Sep./2006)** .
- **A new enquiry on the generation of NGN Operation and Maintenance personnel** .

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IPv6 deployment in ASTAP region

- **Current activities on the IPv6 in our region**
  - **18 ASTAP Members who have already IPv6 address**
  - **Australia, Bangladesh, China, India, Indonesia, Iran, Japan, Korea, Laos, Malaysia, Myanmar, New Zealand, Pakistan, Philippines, Singapore, Sri Lanka, Thailand, Vietnam,**
- **Survey on the activities by an email-inquiry (Sep./2006)**

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Future Directions

- **Discussion to develop a common proposal on the NGN issues to ITU-T**
- **Discussion on the needs on the guidebook from the ASTAP members**
- **Sharing Information on NGN security from the point of view of end users**
- **Joint survey report with IRT-EG on the IPv6 deployment in the ASTAP region**
- **Other NGN-related topics**

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Considerations

- **Different Concerns**
  - **Developed countries: Standardizations to International organizations**
  - **Developing countries: Experiences from developed countries**
- **Active participations of experts**
- **Active participations to APT-ITU NGN Workshop**

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Thank You!