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IP Global Business Opportunity

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【コーディネータ】

江崎 浩 (Hiroshi ESAKI, Ph.D)
東京大学 大学院 情報理工学系研究科 教授
IPv6普及・高度化推進協議会 専務理事
ISOC Board of Trustee

セッションの概要

- 世界経済は「リーマン・ショック」などをきっかけに大きく後退し、日本経済も100年に一度と言われる未曾有の危機に巻き込まれつつありますが、ビジネスは常に動いています。ビジネスは常に進化しています。今はまさに Business Opportunity なのです。
- 本セッションでは、世界のIPビジネスに注目し、各国・各地域でのIPv6関連の公的事業の動きと連動した民間ビジネスの兆候について、経済界・学術界のキーマンから最新情報をご提供いただき、情報を共有すると共に、オバマ政権による新ブロードバンド政策など、注目される動きにおけるIPv6ビジネスを追っていきます。

Global Outlook

- USA, as a strategy of Obama Administration
  - Heath Care IT
  - Clean Energy, e.g., Eco System
  - Education
  - Public Housing
  - (Intelligent) Transportation
- Europe
  - Initiatives by EU
- Asia
  - APRICOT2009
- Africa
  - Boot strap the Internet Infrastructure

パネリスト

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  NTT America, Inc., Chief Technology Officer
  Vice President, Global IP Network Business Unit

- **中村 秀治**
  (株)三菱総合研究所 社会システム研究本部
  情報通信政策研究グループ 主席研究員

- **Robert Pepper**
  Cisco Systems, Inc.
  Vice President, Marketing
  Global Policy and Government Affairs
  前、FCC 米連邦通信委員会 電気通信政策局長

IPv6 has been given and just a business

- Reach to the critical mass
  - Rich media contents providers
  - Mobile players
  - Public sector, e.g., local/federal/global governments
  - Small size players will start to use IPv6
- Issue is entering into the RoI
- Market acceptance shall depend on the technical transparency and correct and comfortable functioning.

Discussion Points beyond “IPv6”,

since IPv6 has been given and just a business

1. How the FMC will emerge ?
   - Roaming of true mobile objects
   - **Effective and cheap infrastructure construction**
2. What and how will the things be connected to the network ? And, how the networks are interconnected.
   - **Effective use of “resources”, e.g., frequency, nodes, network**
   - **Serious frequency allocation and management**
3. Global versus Local, such as standards and regulation ?
   - Accommodating larger and huge number of users
   - Asia would be a critical player to increase the global demand
4. Missing players (industry segments), accommodating into the Internet.

Implication of Eco-System

1. Let available any digital information computing device (e.g., sensor and actuator nodes) or resource on the earth for any device on the earth, for other many usages
2. We should not leads the restraint of human and social activity by energy saving, but we achieve the less energy consumption through increased efficiency and innovations.

What we (really) expected ?

- Win-Win relationship between Environment /Energy-saving and Ubiquitous networking

  Step.1 Mandatory components

  1. Sensors and actuators network
  2. Collaborative operation among individual components

  Step.2 Ubiquitous digital space sharing all the digital information

  (*) Each equipments and components are already paid-off !!

  Step.3 Invention and innovation for new applications

This is the ”internet End-to-End Model”

Toward the Eco-system, for the best RoI

- Smart and effective battery components
- Intelligent end-nodes, but the network will need the intelligent (not stupid network)
- Practical and deployment of real application
- Increase the efficient In-door and out-door coverage
- Rule and regulation for collaborative operation among nodes for “resource”