Emergency and Lifeline Support of the Internet

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Internet to support a broader scope of communications

1) Communications when emergency situations occur

- Internet is more invulnerable in natural disasters, etc. where telephone services may not work.

- VoIP support for priority traffic may be necessary as PSTN has been bearing.

- E-mails and WWW-based information exchange can be effective.

- Preparedness for emergencies is important.

Internet to support a broader scope of communications (cont'd)

2) To improve lifeline communications

- Emergency VoIP calls (e.g., for ambulance) may be advanced by conveying locations and the time they occur.

- Emergency e-mails or instant messages can easily include locations and the time they occur.

- E-mails or WWW-based information exchange may create new applications for lifeline communications and the business market.

Internet to support a broader scope of communications (cont'd)

Issues to be addressed, and concerns:

- Is it realistic for the Internet to support emergency and lifeline communications?

- What are the technical issues?

- What are the non-technical issues?

Let's consider some examples by presentations, and exchange ideas to promote studies of this theme.

Program

Session 1 : Paper Presentations

Internet Emergency Preparedness in the IETF
  K.S. King and S. Bradner

Current Status of IAA (I Am Alive) system and IAA Alliance
  M. Nakayama and H. Ohno

Residents oriented Disaster Information Network
  Y. Shibata, D. Nakamura, N. Uchida and K. Takahata

Lifeline Support of the Internet
  T. Kikuchi, M. Noro, H. Sunahara and S. Shimojo

Session 2 : Short Panel Discussion

Panelist : Paper Presenters of the Session 1

Further Q&A with the Floor and Discussions