



中国移动通信
CHINA MOBILE

精彩世博，尽情移动

Summary of

China Mobile Workshop on IPv6 Deployment in Cellular Networks

Co-Chairs: Jari Arkko, Hui Deng

Summary

- This workshop try to improve mutual understanding about IPv6 between 3GPP and IETF based on current IPv6 migration study item in 3GPP SA2.
- This workshop would like to encourage more IPv6 transition technologies discussion and how those could be used for cellular network.
- According to 3 scenarios in the current 3GPP study item, IPv6 only network and host based translation have been clarified which is needed.

Summary – cont.

- Several IPv6 transition technologies such as GW-DS-Lite, DS-Lite, NAT64, DSMIPv6, L2NAT and PNAT) have been discussed.
- Several successful demonstrations have been given to the audience:
 - 3GPP dual stack.
 - DS-Lite host
 - PNAT 464 and PNAT46.
- China Mobile announce to sponsor 2010 March official 3GPP-IETF official IPv6 workshop.

Summary – cont.

Next steps:

- IETF next week
 - Take your technical input & requirements
- Turn on IPv6 in your networks
 - And share your experiences
- Continue the work on scenarios in 3GPP
 - Not just one end goal – think about the steps you need to take to move to the right direction
- The co-chairs will provide a summary of discussions
- Most of the slides will be made available



中国移动通信
CHINA MOBILE

精彩世博，尽情移动

Thank You