

The 2nd International Workshop on Mobile IPv6 and Network-based Localized Mobility Management (MobiWorld 2010)

<http://isyou.hosting paran.com/mobiworld10>

Las Vegas, Nevada, USA, January 9-10, 2010

(In Conjunction with CCNC 2010)

Overview

As mobile computing is more and more widespread, mobility support for Internet devices becomes very important. Mobile IPv6 (MIPv6) is a promising technology that handles the mobility management and provides the seamless mobile communications. It is expected that MIPv6, as a standard for mobile communication, will open the Mobile Internet Age. In MIPv6, it has been observed that mobility for mobile devices can be more efficiently handled if mobility management is broken down into localized mobility management and global mobility management. Therefore, host-based approaches such as Fast-Handovers for MIPv6 (FMIPv6) and Hierarchical MIPv6 (HMIPv6) have been proposed for localized mobility management. In addition, Proxy MIPv6 (PMIPv6) has been presented for the network-based localized mobility management (NETLMM), which does not require mobile devices to be involved in the signaling for mobility management. This workshop will focus on the challenges and solutions for MIPv6 with an emphasis on PMIPv6 and NETLMM, which have recently gained considerable attention.

The MobiWorld workshop will provide an opportunity for academic and industry professionals to discuss the latest issues and progress in the area of MIPv6 and NETLMM. In addition, the workshop will publish high quality papers which are closely related to the various theories and practical applications in MIPv6 and NETLMM. Furthermore, we expect that the workshop and its publications will be a trigger for further related research and technology improvements in this important subject.

Topics (included, but are not limited to)

- Communications network architecture for MIPv6 and NETLMM
- Efficient handover mechanism in MIPv6 and NETLMM
- Enhanced route optimization for MIPv6 and NETLMM
- QoS protocol in MIPv6 and NETLMM
- Performance model for MIPv6 and NETLMM
- Applications and services based on MIPv6 and NETLMM
- Security issues and protocols for MIPv6 and NETLMM
- Security threats and model for MIPv6 and NETLMM
- Privacy and trust for MIPv6 and NETLMM
- Key management and authentication for MIPv6 and NETLMM
- Access control for MIPv6 and NETLMM
- AAA Infrastructure for MIPv6 and NETLMM
- Personal or Cellular communications services based on MIPv6 and NETLMM
- Successful MIPv6 and NETLMM deployment
- Mobility support for the next generation internet
- Mobile IP for business
- Mobility management for wireless network
- Implementing mobile IP enterprise management solution
- Integrating mobile data services into enterprise infrastructure
- Others and emerging new topics

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Important dates

Paper Submission deadline: August 24, 2009
Acceptance notification: September 28, 2009
Camera-ready due: October 15, 2009

Author Instruction

Authors are invited to submit original papers: they must not substantially duplicate work that any of the authors have published elsewhere or have submitted in parallel to any other conferences that have proceedings. All submissions should be written in English with a maximum paper length of five(5) printed pages. Standard IEEE Transactions templates for Microsoft Word or LaTeX formats found at

<http://www.ieee.org/portal/pages/pubs/transactions/stylesheets.html>.

Only PDF files will be accepted for the review process and all submissions must be done through EDAS at <http://edas.info/>

Proceedings

Accepted papers will be published by IEEE Computer Society. At least one author of an accepted paper must register at the conference site and present the paper at the workshop.



After the workshop, the authors of the best papers will be invited to submit extended versions for a Special Issue of Wireless Personal Communication (indexed by SCIE) on Advances in Mobile IPv6 and Network-based Localized Mobility Management.

For more detailed information about the special issue, please visit:

<http://www.springer.com/engineering/signals/journal/11277>

Contact

For further information regarding the workshop and paper submission, please contact MobiWorld 2010 Cyber-Chair at cyberchair4mobiworld@gmail.com