



B3G-SA Cluster



Mobility workshop conclusions

*http://www.cordis.lu/ist/directorate_d/cnt/proclu/c/beyond3g.htm
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Workshop: Mobility Technologies in the Internet

- ENABLE organised
- Keynote about PANA, 802.21 work and pre-authentication
- Presentations from ENABLE, DAIDALOS, Ambient Networks, UNITE
- Keynote on Market Opportunities for Mobility in the Internet



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Mobility Workshop Conclusions

- Enable provided a very interesting overview about mobility mechanisms and issues
 - Policy issues and operator control remain issues
- Concerns shift from protocols and performance issues to multi-domain and security concerns
- Cross-layer interaction (L2-L3-App) for mobility and security
- A lot of focus on IEEE and IETF - 3GPP no longer a player in terms of mobility?



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More Conclusions

- Mobility and security signalling and mechanisms are very much interrelated
 - Multitude of solutions for both these issues independently generated by IETF not necessarily the optimum solution
- Network and terminal initiated procedures – the operator role?
 - And the performance issues of pure mobile initiated handover
 - An abstraction layer is required for heterogeneous networks



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Even more conclusions

- Handovers trigger policy re-evaluation
- Internet architecture (r)evolution will provide better embedded mobility and security
- Tests and testbeds are needed for the evaluation of the various schemes
- And consider that operators need to see a clear benefit to enable/allow mobility



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