

Progress report

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Outline

System Model

Problem

References



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- A decorative graphic in the bottom-left corner of the slide. It features a network of interconnected nodes (small circles) and lines (edges), forming a mesh-like structure. Some nodes are highlighted in yellow, while others are grey. The background of this graphic is a dark blue gradient.
- ▶ The comparison between the reconfigurable scheme [1] and our region based scheme
 - ▶ The previous one can provide anonymity for the device which under the router
 - ▶ And the following one can provide anonymity for the device connected to the base station

system architecture of [1]

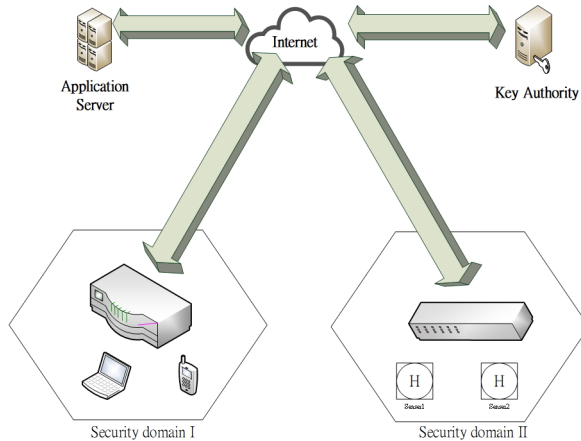
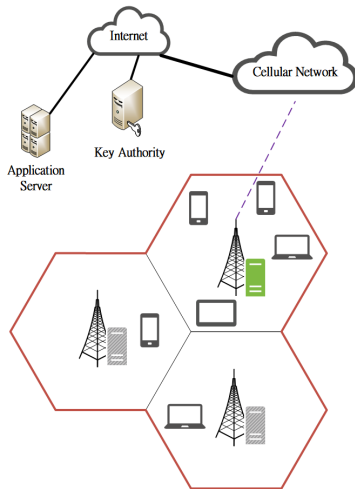


Figure: system architecture of [1]

proposed system architecture



Problem

- ▶ ring/group signature on privacy-preserving issue is not suitable to [2]

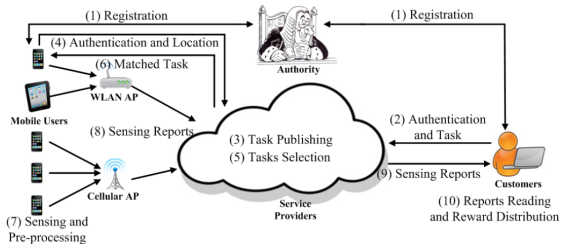


Fig. 1. System Model of Mobile Crowdsensing.

References

- [1] R.-H. Hsu, J. Lee, T. Q. S. Quek, and J.-C. Chen, "Reconfigurable Security: Edge Computing-based Framework for IoT," *ArXiv e-prints*, Sept. 2017.
- [2] J. Ni, K. Zhang, X. Lin, Q. Xia, and X. S. Shen, "Privacy-preserving mobile crowdsensing for located-based applications," in *2017 IEEE International Conference on Communications (ICC)*, May 2017, pp. 1–6.



Thanks for Your Attentions

