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   Sommario/riassunto   This SpringerBrief analyzes the potential privacy threats in wireless and
                         mobile network environments, and reviews some existing works. It
                         proposes multiple privacy preserving techniques against several types
                         of privacy threats that are targeting users in a mobile network
                         environment. Depending on the network architecture, different
                         approaches can be adopted. The first proposed approach considers a
                         three-party system architecture where there is a trusted central
                         authority that can be used to protect users' privacy. The second
                         approach considers a totally distributed environment where users
                         perform privacy protection by themselves. Finally, more general system
                         architecture is discussed including how a semi-trusted server may
                         exist, but users need to collaborate to achieve maximized privacy
                         protection. This brief is designed for researchers and professionals
                         working with privacy preservation, mobile networks, and threat models.
                         The variety of approaches presented makes it useful for students as
                         well.