Top Ten Challenges in Big Data Security and Privacy
Invited Abstract

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Abstract
Security and privacy issues are magnified by the velocity, volume, and variety of Big Data, such as large-scale cloud infrastructures, diversity of data sources and formats, streaming nature of data acquisition and high volume inter-cloud migration. Therefore, traditional security mechanisms, which are tailored to securing small-scale, static (as opposed to streaming) data, are inadequate. In this talk we highlight the top ten Big Data security and privacy challenges. Highlighting the challenges will motivate increased focus on fortifying Big Data infrastructures.