

Big Data Processing: Security and Scalability Challenges

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Abstract

The processing of large amounts of data requires significant computing power and scalable architectures. This trend makes the use of Cloud computing and off-premises data centres particularly attractive, but exposes companies to the risk of data theft. This is a key challenge toward exploiting public Clouds, as data represents for many companies their most valuable asset. In this talk, we will discuss about mechanisms to ensure secure and privacy-preserving Big Data processing on computing architectures supporting horizontal and vertical scalability.

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