UNIVERSITY OF SOUTH FLORIDA

Major Research Area Paper Presentation

Techniques for Security in Big Data Systems
by
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For the Ph.D. degree in Computer Science & Engineering

Big Data is a popular buzz word both in industry and academics. In big data systems, the infrastructure is such that large amounts of data are hosted away from the users. In such a system information security is considered as a major challenge. From a customer perspective, one of the big risks in adopting big data systems is in trusting the provider who designs and owns the infrastructure from accessing user data. Yet there does not exist much in the literature on detection and prevention of intrusions within big data systems. In this work, we review the existing big data security mechanisms and introduce some of our novel contributions.

05/02/2016
9:30 am
ENB 313

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