UNIVERSITY OF SOUTH FLORIDA

Defense of a Doctoral Dissertation

*Mitigation of Insider Attacks for Data Security
in Distributed Computing Environments
by
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For the Ph.D. degree in Computer Science & Engineering

In big data systems, the infrastructure is such that large amounts of data are hosted away from the users. Information security is a major challenge in such systems. However, big data frameworks typically focus on performance and the opportunity for including enhanced security measures is limited. In this dissertation, the problem of mitigating insider attacks in such distributed computing environments is extensively investigated and a set of static and dynamic run-time techniques are developed.

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THE PUBLIC IS INVITED

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