Cloud Computing and Big Data: A NIST Perspective

Mr. Timothy Grance
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Date 10 February 2014 (Monday)
Time 11:00am (Tea/Coffee service at 10:45am)
Venue LT-11, 4/F, AC1

Abstract
Cloud Computing, Big Data, Mobile, and Social Computing are the among the most dominant forces in computing today. This talk will highlight two of those topics namely cloud computing and big data. It will note the general issues in trustworthiness of complex system, state NIST efforts in cloud computing, and then outline some of the foundational and conceptual and security issues of big data. Finally it will suggest a set of topics that the security researchers should focus on.

About the Speaker
Tim Grance is a senior computer scientist in the Information Technology Laboratory at the National Institute of Standards and Technology in Gaithersburg, MD. He has previously held a variety of positions at NIST including Group Manager, Systems and Network Security and Program Manager for Cyber and Network Security. He has extensive public and private experience in accounting, law enforcement, and computer security. He has written on diverse topics including cloud computing, incident handling, intrusion detection, privacy, metrics, contingency planning, forensics, and identity management. He was named in 2003 to the Fed 100 by Federal Computer Week as one of the most influential people in Information Technology for the US Government. He is also is a two time recipient of the US Department of Commerce’s highest award—a Gold Medal, from the Secretary of Commerce.
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