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Keynote Speech

NIST Cybersecurity Research and Development:
Thoughts of the Future

Matthew Scholl
National Institute of Standards and Technology, USA

Abstract

In this talk, the Chief of the NIST computer security division will give an overview of the cybersecurity research and development agenda for the National Institute of Standards and Technology. From Big Data to 5G to Continuous Authentication, many of these new developments are interconnected with dependencies and disruptions. How does NIST plan to plan for Quantum Computing while working on Lightweight Encryption and can we have a world of IoT while still trying to get broadband to the nation?

After the overview and discussion, there will be an opportunity for Q&A and direct feedback as well.

About the speaker

Matthew Scholl is the Chief of the Computer Security Division in the Information Technology Laboratory at the National Institute of Standards and Technology (NIST). His responsibilities include cryptographic standards used by the US Government and internationally, Cybersecurity Research and Development at NIST, and Cybersecurity Standards and Guidelines for Federal Agency Security Programs. He also leads NIST participation with Cybersecurity National and Internationals Standards Development Organizations (SDOs) and associated conformance testing programs.

Mr. Scholl has a Master’s Degree and Bachelor’s Degrees in computer science and information systems from the University of Maryland and the University of Richmond. He is a US Army veteran and currently has over 20 years of federal service.