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Sent: Monday, May 04, 2015 1:24 PM
To: Cyber Security
Subject: Cybersecurity Enhancement Act 2014

To NITRD:

I am a Cybersecurity researcher. I received an email about solicitation of comments on the Cybersecurity Enhancement Act of 2014. I reviewed the details on the Act and the questions raised in the comment solicitation. I have the following comments:

Privacy Enhancing Technologies should be encouraged. This fits well with the NSTIC objectives as well. I am referring to protecting the privacy of individuals whose images are captured in videos such as the police body cameras and other footage gathered during an investigative phase. Investigators need full access to the video and when any part of it is made public then privacy of non-actors should be protected.

Extensive use of cloud services is opening up a variety of security and privacy concerns. Because of the centralized nature of data, cloud services present a significant challenge to privacy. Encryption is one technology that is available for data protection purpose but in order to support search capability on stored data, the nature of encryption should be format preserving. So, greater attention should be paid to technologies that support format preserving encryption.

Thank you.
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