IEEE Security in Storage Workgroup (P1619.x) Status to T10

Matt Ball, SISWG Chair

May 6, 2008

◈IEEE

P1619 "Disk encryption" and P1619.1 "Tape encryption"

- IEEE std 1619-2007 has been published and is now waiting for the IEEE store to make it available for purchase.

- IEEE std 1619.1-2007 will be published within the next couple weeks.

- IEEE-SA has agreed to submit the XTS-AES portion of IEEE 1619-2007 to NIST for consideration as an Approved Mode of Operation for FIPS 140-2. This process should start before the end of May, and will be open for 90-days

P1619.2 "Wide block encryption"

- Last face-to-face meeting held in San Jose on May 5th, 2008

- Both XCB and EME2 are in a P1619.2 draft. The group is now working through minor edits

- Next meeting on June 17th. Task group letter ballot will start shortly afterwards.

- Submit to IEEE Feb 2009

- Publication by middle of 2009

IEEE

P1619.3 "Key Management Services"

- Latest draft P1619.3/D3 includes work from the Architecture and NameSpace subcommittees.

- Current focus is on Objects and Operations

- Next focus is the Messaging and Transport work

- Face-to-face in Anchorage canceled in favor of weekly teleconference meetings on Wednesdays at 10:00 Pacific Time

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Key Management Summit
KMS 2008

- IEEE is sponsoring a Key Management Summit.

- There is a call for presentations and sponsors that ends May 30th, 2008

- Sponsorship is $1000 for 1 free pass, a vendor speaking slot, and logo on front page

- The Summit will be on Sept 23-24, 2008 in Baltimore, MD

- See http://www.keymanagementsummit.com/2008 for more information.

Who should attend KMS 2008

- The Key Management Summit focuses more on the technical issues of key management, and is more suitable to those with a technical background. Prime candidates include:
    - Chief Technical Officers (CTO)
    - Chief Security Officers (CSO)
    - Technical Advisors
    - Security Consultants
    - Security Engineers
    - Standards Developers

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KMS 2008 Tuesday

- **8:00 am - 9:00   Breakfast and Registration**

- Welcome from the chair

- (Proposal) NIST key management standards

- (Proposal) NSA

- (Proposal) Key Management using IEEE P1619.3

- (Proposal) Key Management using OASIS EKMI's SKSML

- (Proposal) Key Management using IETF KEYPROV

- 5:00 pm - 7:00 pm   Dinner

- 7:00 pm - 10:00 pm   Social hour

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KMS 2008 Wednesday

- **8:00 am - 8:30 am   Breakfast and Registration**

- 8:30 am - 12:00 pm   Industry Use-Cases and Requirements

- 1:00 pm - 5:00 pm Vendor Key Management Solutions

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