Welcome to SSIF eNewsFlash

Welcome to SSIF eNewsFlash – the Storage Security Industry Forum electronic news bulletin. Once a month in SSIF eNewsFlash we'll cover hot storage security topics, where you can find the latest education, and what is happening in storage security technology and standards activities.

In this issue, you'll see:

- A report on storage security standards – what they are and what they mean to storage consumers
- More findings from our RSA/SNW Storage Security Survey
- A welcome to our newest SSIF Forum Affiliate Member
- Where you can see the SSIF in action

We encourage you as a security company, storage company, or IT professional to join the SSIF to participate with us in these activities – visit us at www.snia.org/ssif to learn about membership opportunities including the new SSIF Forum Affiliate Member Program for security companies.

We welcome your feedback on SSIF eNewsFlash and our SSIF member contributors. Reach them through our editor at ssif-info@snia.org.

Storage Security Standards: What Are They and What Do They Mean to Storage Consumers?

SNIA Security Technical Working Group and Storage Security Industry Forum member Andrew Nielsen, CISSP, CISA, ISSAP, ISSMP, Product Strategist, Security at Hitachi Data Systems, has written an important article on what storage security standards are and mean to storage consumers. This issue of SSIF eNewsFlash provides a synopsis.

It has long been said that storage is one of the "last frontiers" to be exposed to security. Post the 9/11 tragedy, there has been a flurry of activity around securing information as it moves, rests, and is archived for the long term. Several varieties of security technologies have been thrown at this goal with limited market adoption though some of it continues to survive post acquisition and integration into core infrastructure products. Accompanying the proliferation of technology has been a variety of standards initiatives that are now driving security into the core functionality of the storage ecosystem. Since these standards activities are in various phases of development and completion, they operate in largely isolated environments. In the interim, the storage consumer will struggle with the reality of the famous quote "That's the nice thing about standards -- there being so many to choose from."

In order to make the various standards a bit more palatable, they can be grouped into the following courses or domains: Storage Management and Services, Fabric Security, Encryption in Storage, and IP Services Retrofit. The following table outlines the current domains and their relevant activities. For the complete document, and more information on how each domain rolls up into a different industry or standards organization, as well as what consumers can do as they wait for storage security standards to be approved and vendors to implement, visit http://www.snia.org/forums/ssif/knowledge_center/articles/.

Domain	Standards Body	Standards Activity
Storage Management and Services	Storage Networking Industry Association	Storage Management Initiative Specification (SMI-S) eXtensible Access Method (XAM)
Fabric Security	INCITS T10	SCSI Object-Based Storage Device Commands (OSD) SCSI Primary Command Set (SPC-4) SCSI Stream Commands (SSC-3)
	INCITS T11	Fibre Channel Security Protocol (FC-SP) FC-SP-2
Encryption In Storage	IEEE P1619	IEEE P1619-2007 IEEE P1619.1 IEEE P1619.2 IEEE P1619.3
	Trusted Computing Group	TCG Storage Architecture Core Specification
IP Services Retrofit	Internet Engineering Task Force	Simple Network Management Protocol (SNMPv3) Syslog Internet Protocol Version 6 (IPv6) Transport Layer Security (TLS)

RSA and SNW Attendees Share Storage Security Pain Points and Wish Lists

At the RSA and Storage Networking World conferences, we asked security, storage, and audit professionals about their pain points and wish lists for storage security, and found a number of intriguing responses. Email us at ssif-info@snia.org with your thoughts on these findings.

How important is the issue of Implementing an Encryption Strategy? The highest number of survey respondents attending RSA ranked it as very important, while an equal number of survey respondents attending SNW ranked it as somewhat to very important.

How important is the issue of Implementing an Encryption Strategy?
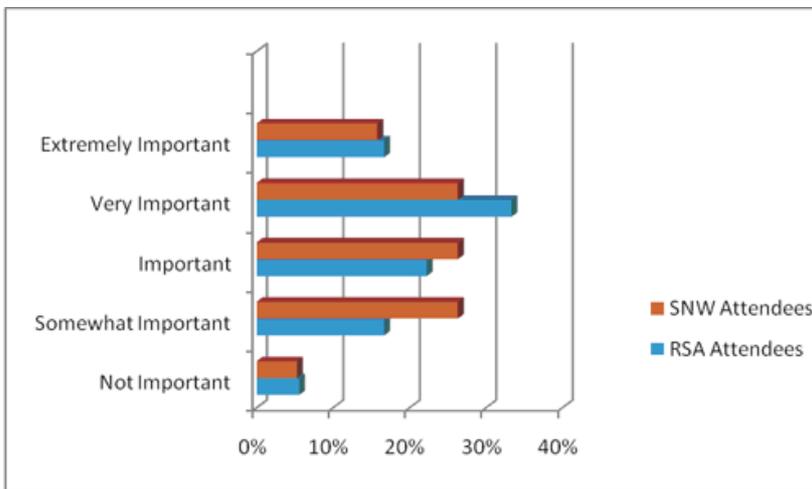
How important is the issue of Implementing a Data at Rest Strategy? The highest number of survey respondents attending RSA ranked it as important, while the highest number of survey respondents attending SNW ranked it as very important.

How important is the issue of Implementing a Data At Rest Strategy?
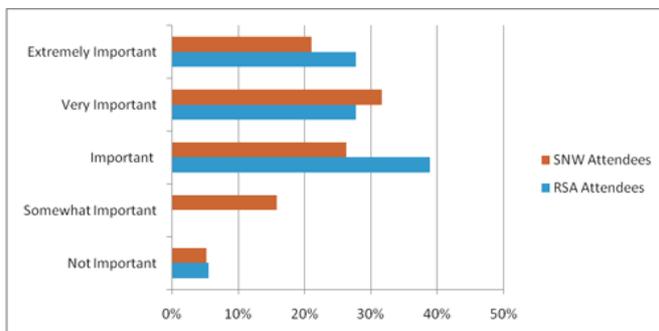
Wave Systems Joins the Storage Security Industry Forum

The SSIF welcomes the newest SSIF Forum Affiliate Member, Wave Systems. Wave Systems Wave provides client and server software for hardware-based digital security, enabling organizations to know who is connecting to their critical IT infrastructure, protect corporate data, and strengthen the boundaries of their networks. Wave's core products are based around the Trusted Platform Module (TPM), the industry-standard hardware security chip that is included as standard equipment on most enterprise-class PCs shipping today.

SSIF Reaches Out at Security and Storage Events

If you attended Infrastructure Management World in June, you heard Gordon Arnold, SSIF chair, present "Information Risk Management – Storage Security Best Practices with an Emphasis on Encryption and Key Management" to an enthusiastic audience. SSIF members are gearing up for a busy summer of speaking engagements. Hear SSIF members at the following events and learn more at http://www.snia.org/forums/ssif/news/

SNIA 2008 Summer Symposium
July 21 – 24, 2008 San Jose, CA
SSIF members will gather for meetings and discussions on latest storage security issues, and present an overview of the storage security industry and standards activities on Tuesday, July 22.

Security 2008
August 26 – 28, 2008 Sydney, Australia
Gordon Arnold, SSIF Chair, will present "Information Risk Management - Storage Security Best Practices with an Emphasis on Encryption and Key Management" at Security 2008, Australia's premier security industry event.

Storage Networking World
October 13 – 16, 2008, Dallas Texas
SSIF members will lead SNIA security tutorials and a data protection and security hands–on lab at the world's largest and foremost storage networking event where IT management and professionals learn, network and maximize their company's storage capabilities.