Minutes March 2008 SSC-3 (08-154r0)
Date: March 11, 2008
Time: 11:05 am - 6:00 pm EDT
Location: Raleigh, NC

Agenda

1. Opening remarks and introductions
Dave Peterson thanked Net Appliance for hosting.

Attendance

SSC-3 Working Group Attendance Report - March 2008

<table>
<thead>
<tr>
<th>Name</th>
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<th>Organization</th>
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<tbody>
<tr>
<td>Mr. Noud Snelder</td>
<td>V</td>
<td>BDT</td>
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<tr>
<td>Mr. David Peterson</td>
<td>P</td>
<td>Brocade</td>
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<tr>
<td>Mr. Robert H. Nixon</td>
<td>A</td>
<td>Emulex</td>
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<tr>
<td>Mr. Ralph O. Weber</td>
<td>P</td>
<td>ENDL Texas</td>
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<td>Mr. Curtis Ballard</td>
<td>A</td>
<td>Hewlett Packard Co.</td>
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<td>Mr. Kevin Butt</td>
<td>P</td>
<td>IBM Corp.</td>
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<td>Mr. Matthew Ball</td>
<td>V</td>
<td>M.V. Ball Technical Consulting, Inc.</td>
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<td>Mr. Frederick Knight</td>
<td>P</td>
<td>NetApp</td>
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<td>Mr. Paul Stone</td>
<td>A</td>
<td>Quantum Corp.</td>
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<td>Dr. Paul Suhler</td>
<td>P</td>
<td>Quantum Corp.</td>
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<td>Mr. Erich Oetting</td>
<td>P</td>
<td>Sun Microsystems, Inc.</td>
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<td>Mr. Roger Cummings</td>
<td>P</td>
<td>Symantec</td>
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<tr>
<td>Mr. Halvard Eriksen</td>
<td>AV</td>
<td>Tandberg Storage</td>
</tr>
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13 People Present

Status Key:  P - Principal
            A - Alternate
            AV - Advisory Member
            E - Emeritus
            L - Liaison
            V - Visitor

2. Approval of agenda (08-135r0) [Peterson]
Dave Peterson moved that the agenda be approved as revised. Paul Suhler seconded the motion. Passed unanimously.
3. Approval of meeting minutes (08-046r0) [Peterson]
Dave Peterson made a motion to approve the minutes. Bob Nixon seconded the motion. The motion passed unanimously.

4. Review of old action items [Butt]
4.1 Old Action Items (Carried Over)
4.1.1 Dave Peterson to incorporate SSC-3: Out of Band Encryption Key Management (07-361r5) into SSC-3.
Complete

4.2 New Action Items (New this meeting)
4.2.1 Dave Peterson to post a template for SSC-3 Letter Ballot Comments
Complete
4.2.2 Rod Wideman to revise SSC-3 Automation device serial number VPD page (08-022r0) and post.
Complete
4.2.3 Dave Peterson to incorporate SSC-3 Automation device serial number VPD page (08-022r1) into SSC-3.
Complete
4.2.4 Dave Peterson to create SSC-4 project proposal and post it two weeks prior to next meeting cycle.
Complete

5. Old business
5.1 General items
5.1.1 Vendor Feedback (05-351r1) [Group]

5.2 Security-related items

6. New Business
6.1 General items
6.1.1 SSC-3: Letter Ballot Comment resolution (08-095r1) [Peterson]
We covered letter ballot comments. Attempting to hit low lying fruit and technical issues. Action items are added.

6.1.2 SSC-4: Project Proposal (08-136r0) [Peterson]
Dave covered the project proposal and we read the list of items for SSC-4 that have been tracked in the minutes.
Kevin asked that a line item be added to cover end-to-end data protection. Dave Peterson objected. Nobody else objected.

Kevin Butt made a motion to add a line item to the SSC-4 project proposal that states, “addition of a data protection model”. Bob Nixon seconded the motion. The motion passed on a 6:3:2 vote.

The data for completion of SSC-4 was changed to May 2011 from May 2010. The thought was that once SSC-3 letter ballot resolution completed there would only be 1.5 years until May 2010. That was deemed too short a time.

6.2 Security-related items

6.2.1 NIST Guidance on ESP Key Protection

Matt Ball stated NIST released guidance in January that ESP is not good enough for protecting Keys in devices. FIPS 140-2 IG as released in January.

Matt suggested that we use AES-wrapping as specified by NIST.

Dave Peterson asked that this be submitted as a late letter ballot comment with a proposed solution.

7. Liaison reports

8. Project Status

8.1 Next Meeting Requirements (Santa Clara, CA)

Start after lunch (i.e., 1:30 PM)

8.2 Last Technical Input - September 2007

8.3 Target date for letter ballot - January 2008

9. Review of action items

9.1 Old Action Items (Carried Over)

9.2 New Action Items (New this meeting)

9.2.1 Erich Oetting: Research and provide input regarding Letter Ballot comment EMC-001

9.2.2 Kevin Butt: Create proposal to resolve Letter Ballot SYM-019-a.

9.2.3 Roger Cummings: Research Letter Ballot SYM-019-b and return with the use cases that show where this is useful.

9.2.4 Curtis Ballard: Provide a suggested resolution to Letter Ballot comment SYM-022 and QTM-rbw-103

10. Items for SSC-4

10.1 Add additional activation conditions to TapeAlert. See note in 05-154r3 to bring in new
proposal for this additional info

10.2 Address the Volume model (07-409r0) proposal.
10.3 Address the Cleaning Model (07-219r1) proposal
10.4 Address the TapeAlert Cleaning Clarification (07-408r0) proposal
10.5 Tape end-to-end data protection - presentation (07-373r3) [Butt]
10.6 Tape end-to-end data protection - proposal (07-374r3) [Butt]
10.7 MAM and write protect (07-382r1) [Banther]
10.8 Add TapeAlert flags for encryption

11. Adjournment

Paul Suhler made a motion for adjournment at 11:52 AM PST. Seconded by Erich Oetting.