CSCRM WG Status

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Reference Model RIDs

■ 4 RIDs have been resolved:

◆ 3 from BNSC (Paula Quintela), all related to the new section 2.4 on Cross Support Security

◆ 1 from INPE (Eduardo Bergamini), requesting an explanation of the relationship of SLE documentation in the Document Control section

■ Following this workshop, the Reference Model will be issued as Blue 2

Reference Model RID – BNSC 1

- Use of XML in SLE SM

  - Page 2-3, paragraph 6

  - Need to consider other technologies in addition to XML in Data Integrity analysis for SLE Service Management

- Current text

  'It would be difficult to delete or add anything to the XML messages used in SLE service management because of the XML schema validation, as well as the sequence number in its messages.'

- Proposed resolution is to accept the RID and change the sentence to:

  'The use of sequence numbers supports data integrity in SLE service management services.'

Reference Model RID – BNSC 2

- **Access Control in SLE SM**
  - Page 2-4, paragraph 4
  - The RID proposes a change in wording

- **Current text**

  'SLE service management recommends the use of digital signatures for authentication.'

- **Proposed text**

  'SLE service management recommends the use of XML digital signatures for authentication, when XML is the selected technology.'

- **Proposed resolution is to reject the RID and keep the existing sentence, as it is more generic as it stands.**

Reference Model RID – BNSC 3

- **Authentication for SLE SM**

  - Page 2-4, paragraph 7

  - Replace "User IDs" by "parameter `sleSmCreatorName`" (in Courier New font)

- **Current text**

  'SLE service management uses User IDs to control access to the CM. The CM manages the access to provider resources using User IDs that are created initially by the UM and which are carried in each message from the UM to the CM.'

- **Proposed resolution is to reject the RID but change the sentence to:**

  'SLE service management uses unique identification parameters to control access to the CM. The CM manages the access to provider resources using parameter values that are created initially by the UM and which are carried in each message from the UM to the CM.'

Reference Model RID – INPE 1

- Brief relationship among SLE CCSDS documents
    - Page vi 'Document Control'
    - The RID proposes to add a brief sketch and/or text, relating the RM to other SLE documents, including any under development and planned, with a brief explanation of the applicability of each existing document

- Current situation

    A high level figure and text relating to the "SLE service document set" is contained in Section 2.3. (There is more explanatory material in the SLE Executive Summary.)

- Proposed resolution

    Accept the RID but add the sentence in the Forward:

    'Details of the relationship of this SLE Reference Model with the set of other SLE services documents are presented in Section 2.3 of this document.'

Cross Support Concept

- **Section 4 (data transfer)**
  - Added section explaining how RAF and CLTU can be used to carry non-CCSDS data, and outlining possible future data transfer services.

- **Section 5 (service management)**
  - section is being made consistent with the latest version of the Service Management specification e.g. Service Request is changed to Service Package.

- **Annexes**
  - Annex A (Acronyms) has been updated
  - Annex B (Glossary) has been corrected
  - Annex E (Storage) has been deleted

- **Annex F becomes Annex E (Security)**
  - No effort is available to agree this annex so it will be left as it is. We will insert a statement at the start that the contents are an example of the security approach and will be superseded by an SLE security book at a later date.

Overall Schedule

- Issue RM Blue Book 2   April 2005

- Issue final draft Concept Green Book 3 and Executive Summary Green Book 2 for review by CSSA and members of the OMG's SDTF

                                                                  end April 2005

- Receive comments on Green Books   end June 2005

- Issue Concept Book and Executive Summary   July/Aug 2005

Note: these dates have subsequently been re-aligned with those for the update of the concept section of the SLE Service Managment Book

The CSCRM WG will be disbanded following completion of this schedule.