Errata to SyncML WSP Binding

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1 Formatting Conventions

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "NOT RECOMMENDED", "MAY" and "OPTIONAL" in this document are to be interoperated as described in [RFC 2119].

1.1 Errata Type Classifications

The errata types are classified according to the following scheme:

CLARIFICATION: Textual enhancement that provides a clearer explanation of a specification item without changing any behaviour.

CORRECTION: A modification that obsoletes some items in the current published specification.

PROBLEM: A known problem for which an erratum has yet to be proposed.

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2 WAP version clarification

2.1 Problem

In the document it's referred to WAP version 1.2. This should be June Release 2000, which is not the same (they were released really close to each other though).

2.2 Solution

Change from WAP version 1.2 to WAP Release 2000 on page 1, 5 and 9.

2.2.1 Other specifications/erratas affected

N/A

3 Removal of confusing information

3.1 Problem

The last sentence in chapter 5.1 does not clarify anything, instead it's only confusing.

3.2 Solution

Remove the sentence ' This version of the specification does NOT support transferring SyncML messages across WSP using a "multipart" MIME media type.' from chapter 5.1.

3.2.1 Other specifications/erratas affected

N/A

4 Wrong SyncML MIME type

4.1 Problem

The MIME types mentioned in chapter 5.2 are wrong.

4.2 Solution

Change the '-' in the MIME types in chapter 5.2 to a '+'.

4.2.1 Other specifications/erratas affected

N/A

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5 Removal of confusing information

5.1 Problem

The fifth row in chapter 5.3.2.2 goes ‘The implementations complying with this specification MUST support the POST method.’ Actually a WAP device MUST support both the GET and the POST method and that makes this sentence a bit confusing.

5.2 Solution

Change the sentence to ‘ Of all the HTTP methods supported by WSP, the SyncML functionality only requires the POST method’.

5.2.1 Other specifications/erratas affected

N/A

6 Better explanation regarding the usage of PUSH

6.1 Problem

Chapter 5.5 that explains the usage of PUSH needs to be clarified regarding PUSH identifier and content type usage.

6.2 Solution

Add the following sentence to the chapter:

‘ When pushing SyncML data from the server to the client, the PUSH id 0x05 MUST be used and the either of the content types defined in chapter 5.2 MUST be used.’

6.2.1 Other specifications/erratas affected

N/A

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7 Update reference section

7.1 Problem

The reference section is referring to old specifications and also lacks proper PUSH specification references. This has also been pointed out in a LS from the WAP WAG data synchronisation group within the WAP forum.

7.2 Solution

Update the current references to the proper ones (June Release 2000) and add the PUSH OTA and the PUSH Message specifications as references

7.2.1 Other specifications/erratas affected

N/A

8 Add SCR chapter

8.1 Problem

The WSP binding spec does today not contain a proper SRC table.

8.2 Solution

Add a table stating that the POST method is mandatory for both server and client and that the PUSH functionality is optional for both server and client.

8.2.1 Other specifications affected

N/A

9 References

[RFC 2119] Key words for use in RFCs to Indicate Requirement Levels, IETF.

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