Specification Change Document
WAP-192_105-WBXML-20011015-a
Version 15-Oct-2001

for

Wireless Application Protocol
WAP-192-WBXML-20010725-a

Binary XML Content Type Specification
Version 1.3 25-July-2001

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Contents

1 Scope

This document provides changes and corrections to the following document files:

-       WAP-192-WBXML-20010725-a

It includes changes from the following change requests:

-       CR-IBM-WBXML-20011015

2 Notation

In the subsections describing the changes new text is <u>underlined</u>. Removed text has ~~strikethrough~~ marks. The presented text is copied from the specification. Text that is not presented is not affected at all. The change descriptions may also include editor's notes similar to the one below. The notes are not part of the actual changes and must not be included in the changed text.

Editor's note: Framed notes like these only clarify where and how the changes shall be applied.

3 **Correct SCRs in WBXML V1.3, Specification date 25th July 2001**

3.1 Change Classification

> **Class 3** – Clerical Corrections

3.2 Change Summary

The WAP-192-WBXML-20010725-a specification contains SCRs that are not in the appropriate format.

Additionally part of the WAP-192.101-WBXML SIN was not rolled into this updated spec.

Impacts sections 5, 6 and 9 of the specification.

3.3 Change Description

Editor's note: On page <<number>>

The following changes refer to the referenced sections of the WBXML specification

5. **Binary XML Content Structure**

Conformance Rules:

WBXML-S-001.	Binary XML Structure	M
WBXML-C-001	Binary XML Structure	M

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6 **Encoding Semantics**

6.1 Document Tokenisation

Conformance Rules:

WBXML-S-002.	Conversion of all XML mark-up, excluding unparsed entities, into tokens	M
WBXML-S-003.	Preservation~~Removal~~ of processing instructions intended for the tokeniser	O
WBXML-S-004.	Removal of all comments, the XML declaration, and the document type declaration.~~information not covered in SC16, and SC17~~	M

WBXML-S-005.	Conversion of all text into String or Entity tokens	M
WBXML-S-006.	Conversion of all XML parsed entities into string or entity tokens	M
WBXML-S-007.	Conversion of all XML unparsed entities into string or entity tokens	O
WBXML-S-012	Preservation of Processor Instructions NOT intended for the tokeniser	M
WBXML-S-013	Encoding of attribute names as an attribute start token or a single LITERAL token	M

6.2 Document Structure Conformance

Conformance Rules:		
WBXML-S-008.	Checking that document is well-formed	M
WBXML-S-009.	Document validation	O

6.3 Encoding Default Attribute Values

Conformance Rules:		
WBXML-S-010.	Encoding default attribute values	O
WBXML-C-010	Encoding default attribute values	M

6.4 Associating XML Documents with WBXML Token Values

Conformance Rules:		
WBXML-C-011.	Support both the binary token value and the literal value for all tags, attribute names, and attribute values.	M

9 Static Conformance Requirements

The notation used in this appendix is specified in [CREQ].

This section defines static conformance requirements for WBXML documents, encoder, and decoder. The encoder is producing WBXML documents. The decoder is reading WBXML documents.

9.1 1.1 WBXML Document

Identifier	Structure	Reference	Mandatory/ Optional	Requirement
WBXML-S-001.	Binary XML Structure	5	M	

Identifier	Structure	Reference	Mandatory/ Optional	Requirement
WBXML-C-001	Binary XML Structure	5	M	

9.2 ~~1.2~~WBXML Encoder

If a WBXML encoder does not support an optional feature, the token stream produced may not be optimal, but any WBXML decoder will be able to interpret the tokens without errors.

Identifier	Encoding semantics	Reference	Mandatory/ Optional	Requirement
WBXML-S-002~~.~~	Conversion of all XML mark-up, excluding unparsed entities, into tokens	6.1	M	
WBXML-S-003~~.~~	Preservation~~Removal~~ of Processor Instructions intended for the tokeniser	6.1	O	
WBXML-S-004~~.~~	Removal of all comments, the XML declaration, and the document type declaration.~~information not covered in SC16, and SC17~~	6.1	M	
WBXML-S-005~~.~~	Conversion of all text into String or Entity tokens	6.1	M	
WBXML-S-006~~.~~	Conversion of all XML parsed entities into string or entity tokens	6.1	M	
WBXML-S-007~~.~~	Conversion of all XML unparsed entities into string or entity tokens	6.1	O	
WBXML-S-008~~.~~	Checking that document is well-formed	6.2	M	
WBXML-S-009~~.~~	Document validation	6.2	O	
WBXML-S-010~~.~~	Encoding default attribute values	6.3	O	
WBXML-C-010	Encoding default attribute values	6.3	M	
WBXML-S-012	Preservation of Processor Instructions NOT intended for the tokeniser	6.1	M	
WBXML-S-013	Encoding of attribute names as an attribute start token or a single LITERAL token	6.1	M	

9.3 ~~1.3~~WBXML Decoder

Identifier	Decoding semantics	Reference	Mandatory/ Optional	Requirement
WBXML-C-011~~.~~	Support both the binary token value and the literal value for all tags, attribute names, and attribute values.	6.4	M	