WAP Specification Information Note
WAP-201_002-WTP
Version 13-Dec-2000

A Wireless Application Protocol
Specification Information Note for:

Wireless Transaction Protocol Specification
WAP-201-WTP
Version 19-Feb-2000

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1. Scope

Specification Information Note (SIN) fixes technical and clerical errors in the originally published approved specification.

This document modifies the WTP specification to use the new static conformance requirement notation.

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2. Document Status

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3. New SCR Format

3.1 Change Classification

1 – New Feature, Major Change or Market Effecting Change	**[ ]**
2 – Bug Fixes	**[X]**
3 – Clerical Corrections	**[ ]**

3.2 Change Summary

Document WAP-221-CREQ specifies a new format for SCRs. This SCD reformats the WTP SCR to conform to the new rules.

3.3 Change

New text is underlined. *Removed text has* ~~strikethrough~~ *marks. The presented text is copied from the specification. Text that is not presented is not affected at all.*

3.1 Normative References

Add the following reference:

[CREQ] Specification of WAP Conformance Requirements, WAP-221-CREQ, WAP Forum Ltd, URL: http://www.wapforum.org/

5.6 Static WTP Conformance Clause

This static conformance clause defines a minimum set of WTP features that can be implemented to ensure that the implementation will be able to interoperate.

~~The features needed from WTP is dictated by the WTP user. In the case when WSP is the WTP user, it also depends on whether the WSP protocol implementation operates as a client (initiates WSP sessions) or as a server. In the following table Mandatory (M) and Optional (O) features of WTP are listed, in the case when WSP is the user.~~

The WTP user dictates which WTP features it needs. These features can be specified by referring to the WTP static conformance requirement tables in Appendix C using the notation from [CREQ].

~~**Table 1 WTP as a client Static Conformance Requirements**~~

~~**Identifier**~~	~~**WTP Function**~~	~~**Type**~~	~~**Reference**~~	
~~WTP – SC1~~	~~Transaction Class 0~~	~~Initiator~~	~~7.1.3~~	~~M~~
~~WTP – SC2~~		~~Responder~~	~~7.1.3~~	~~M~~
~~WTP – SC3~~	~~Transaction Class 1~~	~~Initiator~~	~~7.2.4~~	~~M~~
~~WTP – SC4~~		~~Responder~~	~~7.2.4~~	~~M~~
~~WTP – SC5~~	~~Transaction Class 2~~	~~Initiator~~	~~7.3.4~~	~~M~~
~~WTP – SC6~~		~~Responder~~	~~7.3.4~~	~~O~~

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~~WTP – SC7~~	~~User acknowledgement~~		~~8.3~~	~~M~~
~~WTP – SC8~~	~~Concatenation~~		~~5.1~~ ~~8.5~~	~~O~~
~~WTP – SC9~~	~~Separation~~		~~8.5~~	~~M~~
~~WTP – SC10~~	~~Re-transmission until acknowledgement~~		~~8.2~~	~~M~~
~~WTP – SC11~~	~~Transaction abort~~		~~5.6~~ ~~8.7~~ ~~8.12~~	~~M~~
~~WTP – SC12~~	~~Error handling~~		~~8.12~~	~~M~~
~~WTP – SC13~~	~~Information in last acknowledgement~~		~~8.4~~ ~~8.10~~	~~O~~
~~WTP – SC14~~	~~Asynchronous transactions~~		~~8.6~~	~~O~~
~~WTP – SC15~~	~~Transaction identifier verification~~	~~Initiator~~	~~8.1.5.2~~	~~M~~ ~~(Note 1)~~
~~WTP – SC16~~		~~Responder~~	~~8.1.5.2~~ ~~8.8.1~~	~~O~~ ~~(Note 1)~~
~~WTP – SC17~~	~~Transport Informational Items~~	~~Error~~	~~8.10~~	~~O~~
~~WTP – SC18~~		~~Info~~	~~8.10~~	~~O~~
~~WTP – SC19~~		~~Option~~	~~8.10~~	~~O~~
~~WTP – SC20~~		~~PSN~~	~~8.10~~	~~O~~
~~WTP – SC21~~	~~Segmentation and Re-assembly with selective re-transmission and packet Groups~~		~~8.14~~	~~O~~

~~**Table 2 WTP as a server Static Conformance Requirements**~~

~~**Identifier**~~	~~**WTP Function**~~	~~**Type**~~	~~**Reference**~~	
~~WTP – SC22~~	~~Transaction Class 0~~	~~Initiator~~	~~7.1.3~~	~~M~~
~~WTP – SC23~~		~~Responder~~	~~7.1.3~~	~~M~~
~~WTP – SC24~~	~~Transaction Class 1~~	~~Initiator~~	~~7.2.4~~	~~M~~
~~WTP – SC25~~		~~Responder~~	~~7.2.4~~	~~M~~
~~WTP – SC26~~	~~Transaction Class 2~~	~~Initiator~~	~~7.3.4~~	~~O~~
~~WTP – SC27~~		~~Responder~~	~~7.3.4~~	~~M~~
~~WTP – SC28~~	~~User acknowledgement~~		~~8.3~~	~~M~~
~~WTP – SC29~~	~~Concatenation~~		~~5.1~~ ~~8.5~~	~~O~~

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~~WTP – SC30~~	~~Separation~~		~~8,5~~	~~M~~
~~WTP – SC31~~	~~Re-transmission until acknowledgement~~		~~8.2~~	~~M~~
~~WTP – SC32~~	~~Transaction abort~~		~~5.6~~ ~~8.7~~ ~~8.12~~	~~M~~
~~WTP – SC33~~	~~Error handling~~		~~8.12~~	~~M~~
~~WTP – SC34~~	~~Information in last acknowledgement~~		~~8.4~~ ~~8.10~~	~~O~~
~~WTP – SC35~~	~~Asynchronous transactions~~		~~8.6~~	~~O~~
~~WTP – SC36~~	~~Transaction identifier verification~~	~~Initiator~~	~~8.1.5.2~~	~~M~~
~~WTP – SC37~~		~~Responder~~	~~8.1.5.2~~ ~~8.8.1~~	~~O~~
~~WTP – SC38~~	~~Transport Informational Items~~	~~Error~~	~~8.10~~	~~O~~
~~WTP – SC39~~		~~Info~~	~~8.10~~	~~O~~
~~WTP – SC40~~		~~Option~~	~~8.10~~	~~O~~
~~WTP – SC41~~		~~PSN~~	~~8.10~~	~~O~~
~~WTP – SC42~~	~~Segmentation and Re-assembly with selective re-transmission and packet Groups~~		~~8.14~~	~~O~~

~~Note 1) It is mandatory for the initiator to respond to a verification. For the responder it is optional to initiate a verification.~~

Move "History and Contact Information" from Appendix C to new Appendix D.

Insert before "Appendix D" the following text:

Appendix C Static Conformance Requirements

Item	Function	Reference	Status	Requirement
WTP-C-001	Transaction Class 0 Initiator	7.1.3	M	WDP:MCF
WTP-C-002	Transaction Class 0 Responder	7.1.3	M	WDP:MCF
WTP-C-003	Transaction Class 1 Initiator	7.2.4	M	WTP-C-022 AND WTP-C-015
WTP-C-004	Transaction Class 1 Responder	7.2.4	M	WTP-C-022
WTP-C-005	Transaction Class 2 Initiator	7.3.4	M	WTP-C-022 AND

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Item	Function	Reference	Status	Requirement
				WTP-C-015
WTP-C-006	Transaction Class 2 Responder	7.3.4	O	WTP-C-022
WTP-C-007	User Acknowledgement	8.3	O	
WTP-C-008	Concatenation	5.1, 8.5	O	WDP:MCF
WTP-C-009	Separation	8.5	M	WDP:MCF
WTP-C-010	Retransmission until Acknowledgement	8.2	O	
WTP-C-011	Transaction Abort	5.6, 8.7,8.12	O	WDP:MCF
WTP-C-012	Error Handling	8.12	O	WTP-C-011
WTP-C-013	Information in Last Acknowledgement	8.4, 8.10	O	WTP-C-018
WTP-C-014	Asynchronous Transactions	8.6	O	
WTP-C-015	Initiator response to TID Verification	8.1.5.2	O	WDP:MCF
WTP-C-016	Initiation of TID Verification by Responder	8.1.5.2,8.8.1	O	WDP:MCF
WTP-C-017	Error Transport Information Item	8.10	O	
WTP-C-018	Info Transport Information Item	8.10	O	
WTP-C-019	Option Transport Information Item	8.10	O	
WTP-C-020	PSN Transport Information Item	8.10	O	
WTP-C-021	Segmentation and Re-assembly with Selective Retransmission and Packet Groups	8.14	O	WTP-C-020
WTP-C-022	Reliable transaction	8	O	WDP:MCF AND WTP-C-007 AND WTP-C-010 AND WTP-C-011 AND WTP-C-012

Item	Function	Reference	Status	Requirement
WTP-S-001	Transaction Class 0 Initiator	7.1.3	M	WDP:MSF
WTP-S-002	Transaction Class 0 Responder	7.1.3	M	WDP:MSF
WTP-S-003	Transaction Class 1 Initiator	7.2.4	M	WTP-S-022 AND WTP-S-015
WTP-S-004	Transaction Class 1 Responder	7.2.4	M	WTP-S-022
WTP-S-005	Transaction Class 2 Initiator	7.3.4	O	WTP-S-022 AND WTP-S-015
WTP-S-006	Transaction Class 2 Responder	7.3.4	M	WTP-S-022
WTP-S-007	User Acknowledgement	8.3	O	
WTP-S-008	Concatenation	5.1, 8.5	O	WDP:MSF
WTP-S-009	Separation	8.5	M	WDP:MSF
WTP-S-010	Retransmission until Acknowledgement	8.2	O	

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Item	Function	Reference	Status	Requirement
WTP-S-011	Transaction Abort	5.6, 8.7,8.12	O	WDP:MSF
WTP-S-012	Error Handling	8.12	O	WTP-S-011
WTP-S-013	Information in Last Acknowledgement	8.4, 8.10	O	WTP-S-018
WTP-S-014	Asynchronous Transactions	8.6	O	
WTP-S-015	Initiator response to TID Verification	8.1.5.2	O	WDP:MSF
WTP-S-016	Initiation of TID Verification by Responder	8.1.5.2,8.8.1	O	WDP:MSF
WTP-S-017	Error Transport Information Item	8.10	O	
WTP-S-018	Info Transport Information Item	8.10	O	
WTP-S-019	Option Transport Information Item	8.10	O	
WTP-S-020	PSN Transport Information Item	8.10	O	
WTP-S-021	Segmentation and Re-assembly with Selective Retransmission and Packet Groups	8.14	O	WTP-S-020
WTP-S-022	Reliable transaction	8	O	WDP:MSF AND WTP-S-007 AND WTP-S-010 AND WTP-S-011 AND WTP-S-012

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