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Information processing systems – Open Systems Interconnection – Connection oriented presentation protocol specification

AMENDMENT 5: Additional session synchronization functionality to the presentation service user

Systèmes de traitement de l'information – Interconnexion de systèmes ouverts – Spécification du protocole de présentation en mode connexion

AMENDEMENT 5: Fourniture de la fonction de synchronisation de session supplémentaire à l'utilisateur du service de présentation

Reference number
ISO 8823:1988/Amd. 5:1992 (E)

Foreword

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Amendment 5 to International Standard ISO 8823:1988 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology.*

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Information processing systems – Open Systems Interconnection – Connection oriented presentation protocol specification

AMENDMENT 5: Additional session synchronization functionality to the presentation service user

Introduction to this Amendment

This Amendment extends the Presentation Protocol to support the additional session functional unit for data separation. It makes no change to any other part of the Presentation Protocol.

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Clause 2 References

Add the following reference to this clause

> "ISO 8326/Amd. 4: *Information processing systems – Open Systems Interconnection – Basic connection-oriented session service definition – Amendment 4: Additional synchronization functionality*"

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Subclause 8.2 Structure of SS-user data parameter values

Add new functional unit "data separation" to the "User-session-requirements" protocol parameter. Replace the "User-session-requirements" protocol parameter with the following:

"User-session-requirements ::= BIT STRING {

half-duplex	(0),
duplex	(1),
expedited-data	(2),
minor-synchronize	(3),
major-synchronize	(4),
resynchronize	(5),
activity-management	(6),
negotiated-release	(7),
capability-data	(8),
exceptions	(9),
typed-data	(10),
data-separation	(12) }"

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Annex A

Add new subclause A.5.3.4 as follows:

"A.5.3.4 rs

rs is a boolean variable having the following values:

rs = true : resynchronization procedure is in progress.

rs = false : no resynchronization procedure is in progress.

rs is set as follows:

a) rs is set false during the presentation-connection establishment phase or when a P-RESYNCHRONIZE response or confirm service primitive is issued;

b) rs is set true when a P-RESYNCHRONIZE request or indication service primitive is issued."

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Annex A, Table 19

Replace action [02] as follows:

[02]	Set cr, rl and rs to FALSE

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Annex A, Table 19

Add two new actions as follows:

[23]	Set rs to TRUE
[24]	Set rs to FALSE

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Annex A, Table 20

Add a new predicate to the end of table 20 as follows:

p30	The value of rs is TRUE

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Annex A, Table 24

Amend the intersection of AC PPDU and STAt0 as follows:

State Event	STAt0
AC	p05&p11&^p30 [01][09] P-ALTERind STAac1 p30 P-ALTERind STAt0

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Annex A, Table 24

Amend the intersection of ACA PPDU and STAt0 as follows:

State Event	STAt0
ACA	p30 P-ALTERcnf STAt0

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Annex A, Table 29

Add action [23] to all action lists in the P-RSYNreq and RS rows.

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Annex A, Table 29

Add action [24] to all action lists in the P-RSYNrsp and RSA rows.

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