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Information technology — Telecommunications and information exchange between systems — End System Routeing Information Exchange Protocol for use in conjunction with ISO 8878

AMENDMENT 3: Specification of IS-SNARE interac- tions

*Technologies de l'information — Télécommunications et échange d'information
entre systèmes — Protocole d'échange d'information pour le routage d'un
système d'extrémité à utiliser conjointement avec l'ISO 8878*

AMENDEMENT 3: Spécification des interactions IS-SNARE



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Foreword

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In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Amendment 3 to International Standard ISO/IEC 10030 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee 6, *Telecommunications and information exchange between systems*.

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AMENDMENT 3: Specification of IS-SNARE interactions

Introduction

Add a new item d) after the first item c) as follows:

"d) How do Intermediate systems discover the reachability of End Systems on the same subnetwork (when direct examination of the NSAP destination address does not provide information about the destination subnetwork address)?"

Change the second item c) to read:

"c) End systems and Intermediate systems using this protocol..."

1 Scope

Paragraph 1, change the full stop to a comma, and add the following sentence:

"...and between an Intermediate system and a Subnetwork Address Resolution Entity."

Add a new item c) as follows:

"c) Intermediate systems which operate ISO/IEC 8208."

4.1 Systems

Add between ES and SNARE the following abbreviation:

"IS Intermediate system"

4.2 Protocol Data Units

Change the description of the first four PDUs as follows:

"Exy PDU End/Intermediate System..... Protocol Data Unit",

for xy = CQ, NC, SC, SH, and add a note at the end of the subclause, as follows:

"NOTE — The name of the PDU should not be construed as implying a definition of the PDU's function. For example an ECQ PDU can be transmitted by an IS".

5 Overview of the Protocol

Add a new item c) to the description of the functions of the Configuration Subset as follows:

"c) To enable ISs to obtain, for NAs identifying Network service access points located within End Systems directly attached to the same subnetwork, the SNPA address of these systems."

In the sentence describing the function of the redirection subset, change the full stop to a comma, and add the following:

"and to permit ISs which are attempting to establish a connection to an ES on the subnetwork to be directed to the appropriate SNPA address via which the connection can be established."

Last paragraph of clause 5, last sentence, change the two occurrences of "ES" to "system (ES or IS)".