

Information technology — Telecommunications and information exchange between systems — Protocol for exchange of inter-domain routing information among intermediate systems to support forwarding of ISO 8473 PDUs

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Télécommunications et échange d'information entre systèmes — Protocole pour échange d'information inter-domaine de routage parmi les systèmes intermédiaires supportant la transmission de PDUs de l'ISO 8473

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO/IEC 10747:1994 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*.

Page 11

Clause 6

Second paragraph, beginning of third sentence, delete “When” and insert “Except as specified otherwise (annex B), when”.

Page 52

Subclause 7.17.2

Add the following new paragraph at the end of 7.17.2:

An UPDATE PDU shall not advertise to another RD any route that either

- a) contains that other RD's RDI in its path or
- b) contains the RDI of a confederation which is being entered when the route is advertised to that other RD.

Page 52

Subclause 7.17.3.1

Delete the second sentence of the third paragraph ("To avoid ... PDU"), and insert the following new (fourth) paragraph:

To avoid long-lived black holes, the procedure does not apply to

- a) the explicit withdrawal of unfeasible routes (that is, routes whose ROUTE_ID is listed in the Withdrawn Routes field of an UPDATE PDU);
- b) routes with a Security path attribute where under the applicable security policy a change in the security information contained in the path attribute implies a lowering of protection or otherwise results in a strong policy requirement no longer being met; or
- c) routes on which the Quality of Service has been reduced.

Page 87

Annex B

Add a new subclause B.3 as follows:

B.3 Representation in BISPDUs

Each of the 32-bit values A, B, C, and D computed as in B.2 shall be represented as a sequence of four octets in which the lowest octet number has the least significant value. The values A, B, C, and D shall appear in that order, with increasing octet numbers.

NOTE – This octet ordering for each 32-bit value is the opposite of that specified in clause 6 for other PDU fields used to represent numbers as multiple octets. The difference preserves the octet order specified in RFC 1186.