Information technology — Open Systems Interconnection — The Directory: Procedures for distributed operation

TECHNICAL CORRIGENDUM 1

Technologies de l’information — Interconnexion de systèmes ouverts (OSI) — L’annuaire: Procédures pour le fonctionnement réparti

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 9594-4:2005 was prepared by Joint Technical Committee ISO/IEC JTC 1, Information technology, Subcommittee SC 6, Telecommunications and information exchange between systems, in collaboration with ITU-T. The identical text is published as Rec. ITU-T X.518 (2005)/Cor.1 (05/2008).
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1) Correction of the defects reported in defect report 318

Add a Note after the third paragraph of clause 20 of Rec. ITU-T X.518 | ISO/IEC 9594-4:

NOTE – Some continuation references may be unusable if the AccessPoint contains a PresentationAddress where all the NSAP addresses have an unknown structure (see 12.3 of Rec. ITU-T X.519 | ISO/IEC 9594-5).

2) Correction of the defects reported in defect report 319

a) Update last paragraph of 16.1.3 as shown:

The DSA may optionally sign, encrypt, or sign and encrypt the errors returned in a distributed operation based on the selected DirQOP and error protection requested.

b) Update 17.3.2 as shown:

If the argument to the operation is signed, encrypted, or signed and encrypted, the signature may be checked. Should the signature be invalid or the decryption fail, or be absent in a case when it should be present, an error may be returned to the requester. Alternatively, a DSA may perform any other locally defined action.

c) Update 17.3.3.1 item j) as shown:

j) ChainingArguments.SecurityParameters.ProtectionRequest is used to indicate the level of protection (no signing, encrypt, or signing and encrypt) to be applied to the results.

d) Update items i) and ii) of 19.3.2.2.1 item 6) as shown:

i) If the result is signed, encrypted, or signed and encrypted, add it to uncorrelatedSearchInfo in SearchResult.

ii) If the result is not signed, encrypted, or signed and encrypted, perform the join process as specified in ITU-T Rec. X.511 | ISO/IEC 9594-3.

e) Update items i) and ii) of 19.3.2.2.7 item 8) as shown:

i) If the result is signed, encrypted, or signed and encrypted, add it to uncorrelatedSearchInfo in SearchResult.

ii) If the result is not signed, encrypted, or signed and encrypted, add it to searchInfo in SearchResult.