ITU-T

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU X.501

Corrigendum 2 (11/2008)

SERIES X: DATA NETWORKS, OPEN SYSTEM COMMUNICATIONS AND SECURITY Directory

Information technology – Open Systems Interconnection – The Directory: Models

Technical Corrigendum 2

ITU-T Recommendation X.501 (2005) – Technical Corrigendum 2



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INTERNATIONAL STANDARD ISO/IEC 9594-2 ITU-T RECOMMENDATION X.501

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Source

Corrigendum 2 to ITU-T Recommendation X.501 (2005) was approved on 13 November 2008 by ITU-T Study Group 17 (2009-2012) under ITU-T Recommendation A.8 procedure. An identical text is also published as Technical Corrigendum 2 to ISO/IEC 9594-2.

FOREWORD

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INTERNATIONAL STANDARD ITU-T RECOMMENDATION

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Correction of the defects reported in defect report 328

- *a) In 20.1, delete* NOTE 1 *making* NOTE 2 *just a* NOTE.
- b) In 20.2, make the following changes:

Change NOTE to NOTE 1.

KIND

Change attributeIntegrityInfo to:

auxiliary

MUST CONTAIN { attributeIntegrityInfo }
ID id-oc-integrityInfo }

d) After NOTE 1 in 20.2, add:

The creator of the **attributeIntegrityInfo** attribute shall, when creating the **AttribsHash** data type, use DER encoding (see 6.1 of ITU-T Rec. X.509 | ISO/IEC 9594-8) of the attributes ordering the attributes as specified above, and then create the hash from the resulting encoding.

NOTE 2 – The creator needs to have full knowledge of all the attribute syntaxes to create the hash.

The verifier of the integrity shall produce its own version of **AttribsHash** using the same procedure as above for retrieved attributes, and then compare the result with the value in the **attribsHash** component.

NOTE 3 – The verification is only possible if the verifier has full knowledge of all the attribute syntaxes.

An entry that shall hold an attributeIntegrityInfo attribute shall include the integrityInfo auxiliary object-class.

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