

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**X.520**

**Corrigendum 2**  
(11/2005)

SERIES X: DATA NETWORKS, OPEN SYSTEM  
COMMUNICATIONS AND SECURITY

Directory

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Information technology – Open Systems  
Interconnection – The Directory: Selected attributes  
types

**Technical Corrigendum 2**

ITU-T Recommendation X.520 (2001) – Technical  
Corrigendum 2

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**Source**

Corrigendum 2 to ITU-T Recommendation X.520 (2001) was approved on 29 November 2005 by ITU-T Study Group 17 (2005-2008) under the ITU-T Recommendation A.8 procedure. An identical text is also published as Technical Corrigendum 2 to ISO/IEC 9594-6.

## FOREWORD

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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INTERNATIONAL STANDARD  
ITU-T RECOMMENDATIONInformation technology – Open Systems Interconnection –  
The Directory: Selected attributes types

## Technical Corrigendum 2

(Covering resolutions to defect reports 312 and 313)

## 1) Correction of the defects reported in defect report 312

*In subclause 6.8, change:*

ZONAL-MATCHING ::= MAPPING-BASED-MATCHING { ZonalSelect, TRUE, ZonalResult, zonalMatch }

*to:*

ZONAL-MATCHING ::= MAPPING-BASED-MATCHING { ZonalSelect, TRUE, ZonalResult, zonalMatch.&id }

## 2) Correction of the defects reported in defect report 313

*In subclause 6.8, last paragraph, change as shown:*

This mapping-based matching rule includes the **UNIQUE-MATCH-INDICATOR** field, which implies that matching against the gazetteer shall give an unambiguous result. If several table entries match in the mapping process, a **serviceError** with problem **ambiguousKeyAttributes** shall be returned. The **notification** component of **CommonResults** shall contain the **multipleMatchingLocalities** notification attribute (see 5.12.14) is returned in the notification parameter of **CommonResults** of the search result together with an attribute error with problem **ambiguousKeyAttributes**. A value of the **multipleMatchingLocalities** notification attribute is included for each table entry matched on the gazetteer. Each such value shall be a set-of **AttributeValueAssertion** specification that if supplied in AND'ed **equality** filter items in each subfilter would give a unique match against the corresponding table entry. This will allow the user in a subsequent ~~Search~~search request to select one of the returned notification attribute values to be reflected in the filter.





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