

# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

# X.511

**Corrigendum 3**  
(10/2012)

SERIES X: DATA NETWORKS, OPEN SYSTEM  
COMMUNICATIONS AND SECURITY

Directory

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Information technology – Open Systems  
Interconnection – The Directory: Abstract service  
definition

**Technical Corrigendum 3**

Recommendation ITU-T X.511 (2008) – Technical  
Corrigendum 3

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**Information technology – Open Systems Interconnection –  
The Directory: Abstract service definition**

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**History**

Edition	Recommendation	Approval	Study Group
1.0	ITU-T X.511	1988-11-25	
2.0	ITU-T X.511	1993-11-16	7
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3.1	ITU-T X.511 (1997) Technical Cor. 1	2000-03-31	7
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6.1	ITU-T X.511 (2008) Cor. 1	2011-02-13	17
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6.3	ITU-T X.511 (2008) Cor. 3	2012-10-14	17
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## 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

## RECOMMENDATION ITU-T

**Information technology – Open Systems Interconnection –  
The Directory: Abstract service definition**

**Technical Corrigendum 3**

*(covering resolution to defect reports 374, 376 and 382)*

**1) Correction of the defects reported in defect report 374**

In Table 1, delete the information related Identifier 17 and make this identifier reserved.

In 7.10, delete the **response** parameter of the **SecurityParameters** and delete the associated text

**2) Correction of the defects reported in defect report 376**

*In 7.3 replace:*

The **requestor** Distinguished Name identifies the originator of a particular operation. It holds the name of the user as identified at the time of binding to the Directory. It may be required when the request is to be signed (see 7.10), and shall hold the name of the user who initiated the request.

NOTE 1 – Where a user has alternative distinguished names differentiated by context, the name used as the value of **requestor** shall be the primary distinguished name where known. Otherwise, authentication and access control based on the value of **requestor** may not work as desired.

*with:*

The **requestor** component, when present, shall hold the distinguished name of the originator (requestor) of the operation. If the distinguished name of the requestor was established at bind time, the **requestor** component shall be equal to that distinguished name. Likewise, it shall be equal to the distinguished name in **subject** field of the end-entity public-key certificate of the requestor if the **certification-path** component of the **SecurityParameters** is present.

NOTE 1 – If the distinguished name of the requestor was not established at bind time and the **certification-path** component of the **SecurityParameters** is not present in the request, a possible value in the **requestor** component should not be considered reliable for access control purposes.

**3) Correction of the defects reported in defect report 382**

*In 7.9, update the second paragraph after the letter numbered list as shown:*

The DUA may at any time indicate that no more pages are required by making the same **list** or **search** request as before, by setting the **PagedResultsRequest** set to **abandonQuery**, with the value identical to the **queryReference** value returned in the **PartialOutcomeQualifier** of the previous results. No further pages shall be requested or returned. An abandoned error with problem code **pagingAbandoned** shall be returned. It is implementation dependent as to when the pages will be purged.

*Update the first sentence of clause 12.2 as shown:*

This outcome may be reported for any outstanding directory enquiry operation (i.e., Read, Search, Compare, List) if the DUA invokes an Abandon operation with the appropriate **InvokeId**. It shall be returned as a response to a **list** or **search** request with the **pageResults** component included with the value **abandonQuery**.

Update the ASN.1 of 12.2 as shown:

```
abandoned ERROR ::= { -- not literally an "error"
  PARAMETER      OPTIONALLY-PROTECTED { SET {
    problem      AbandonedProblem  OPTIONAL,
    COMPONENTS OF CommonResults} }
  CODE           id-errcode-abandoned }
```

```
AbandonedProblem ::= ENUMERATED {
  pagingAbandoned (0) }
```

Add two new paragraphs just before the last paragraph:

The problem component shall not be present if this error is returned for an Abandon operation.

The problem component shall be present if this error is returned for a **list** or **search** request with the **pageResults** component included with the value **abandonQuery**. In this case, the component shall take the value **pagingAbandoned**.



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