



INTERNATIONAL TELECOMMUNICATION UNION

# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

# X.525

**Corrigendum 1**  
(03/2000)

SERIES X: DATA NETWORKS AND OPEN SYSTEM  
COMMUNICATIONS

Directory

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Information technology – Open Systems  
Interconnection – The Directory: Replication  
**Technical Corrigendum 1**

ITU-T Recommendation X.525 – Corrigendum 1

(Formerly CCITT Recommendation)

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**INTERNATIONAL STANDARD ISO/IEC 9594-9  
ITU-T RECOMMENDATION X.525**

**INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –  
THE DIRECTORY: REPLICATION**

**TECHNICAL CORRIGENDUM 1**

**Source**

Corrigendum 1 to ITU-T Recommendation X.525 was prepared by ITU-T Study Group 7 (1997-2000) and approved on 31 March 2000. An identical text is also Published as Technical Corrigendum 1 to ISO/IEC 9594-9.

## FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Conference (WTSC), 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 WTSC 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.

## NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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## INTERNATIONAL STANDARD

## ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –  
THE DIRECTORY: REPLICATION

## TECHNICAL CORRIGENDUM 1

## 1) Resolution to defect report 9594/182

## Subclause 7.2.2.3

*Insert as a fourth new paragraph:*

If **subordinates** is specified, then the supplier shall send subordinate entries and a subordinate reference, and the SDSEs will be of type **subr**, **entry**, and **cp**. The subordinate entries shall contain attributes according to the attribute selection. In addition, if the supplying DSE is of type **admPoint**, then the SDSE shall additionally be of type **admPoint** and the **administrativeRole** attribute shall be supplied. All appropriate subentries, with only the appropriate information, below the **admPoint** DSE shall also be supplied as SDSEs in the shadowed information.

## Subclause 9.2 and Annex A

*Replace the **UnitOfReplication** ASN.1 type as follows (thereby adding **subordinates**):*

<b>UnitOfReplication</b>	<b>::=</b>	<b>SEQUENCE {</b>
<b>area</b>		<b>AreaSpecification,</b>
<b>attributes</b>		<b>AttributeSelection,</b>
<b>knowledge</b>		<b>Knowledge OPTIONAL,</b>
<b>subordinates</b>		<b>BOOLEAN DEFAULT FALSE }</b>

*Insert the following after the description of **knowledgetype**:*

**subordinates** is used to indicate that subordinate entries, rather than simply subordinate references, are to be copied to the consumer DSA. **subordinates** may only be **TRUE** if **knowledge** is requested and **extendedKnowledge** is **FALSE**.

## 2) Resolution to defect report 9594/186

## Subclause 7.2.2.2

*Append the following to a) in the fifth paragraph:*

If the **entryACI** operational attribute is present and holds relevant ACI, e.g. naming, then the attribute (containing at least the relevant ACI) shall always be included in the SDSE.

## Subclause 9.2.4.1

*Add a new list element d) as follows:*

- d) If the entry is refined out, the replacement glue SDSE shall contain the necessary access control information, e.g. reading.

*Delete "prescriptive" from Note 2.*







## SERIES OF ITU-T RECOMMENDATIONS

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