



**International
Standard**

ISO/IEC 9594-6

**Information technology — Open
systems interconnection —**

Part 6:

**The Directory: Selected
attribute types**

AMENDMENT 1

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This document was prepared by ITU-T as ITU-T X.520 (2019) Amd. 1 (10/2024) and drafted in accordance with its editorial rules, in collaboration with Joint Technical Committee ISO/IEC JTC 1, *Information technology, Subcommittee SC 6, Telecommunications and information exchange between systems*.

A list of all parts in the ISO/IEC 9594 series can be found on the ISO and IEC websites.

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INTERNATIONAL STANDARD ISO/IEC 9594-6
RECOMMENDATION ITU-T X.520

**Information technology – Open Systems Interconnection – The Directory:
 Selected attribute types**

Amendment 1

Summary

Amendment 1 to Recommendation ITU-T X.520 (2019) | International Standard ISO/IEC 9594-6:2020, introduces text updates to facilitate separation between cybersecurity ASN.1 modules and directory ASN.1 modules.

History ¹

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¹ To access the Recommendation, type the URL <https://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID.

FOREWORD

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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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CONTENTS

	<i>Page</i>
1) <u>Clause 2.2</u>	1
2) <u>Clause 4</u>	1
3) <u>Clause 5</u>	1
4) <u>Clause 6 and its subclauses</u>	1
5) <u>Clause 8 and its subclauses</u>	2
6) <u>Clause 9 and its subclauses</u>	2
7) <u>Clause 10 and its subclauses</u>	3
8) <u>Annex A</u>	3

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INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

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

Amendment 1

1) **Clause 2.2**

Add a new normative reference to clause 2.2:

- IETF RFC 4524 (2006), *COSINE LDAP/X.500 Schema*.

2) **Clause 4**

Add a new abbreviation in clause 4

DNS Domain Name System

3) **Clause 5**

Add the following paragraph to end of clause 5:

Some ASN.1 symbols have been moved from the **SelectedAttributeTypes** module (Annex A) to the **UsefulDefinitions** module (Annex A of Rec. ITU-T X.501 | ISO/IEC 9594-2). However, in the main body of text the locations of the specifications for these ASN.1 symbols are not changed as they still can be considered part of selected attribute types as they are present in the **SelectAttributeTypes** module by being imported from the **UsefulDefinitions** module.

4) **Clause 6 and its subclauses**

In clause 6 add after the ASN.1 specification for *UnboundedDirectoryString*:

NOTE 1 – After the ninth edition of this Directory Specification, the definition of this data type was placed in the **UsefulDefinitions** module in Rec. ITU-T X.501 | ISO/IEC 9594-2 rather than in the **SelectedAttributeTypes** module.

In clause 6 update NOTE numbering as required.

In clause 6.2.1, add after the ASN.1 specification for *name*:

NOTE – After the ninth edition of this Directory Specification, the definitions of the **name** attribute type and the **id-at-name** object identifier were placed in the **UsefulDefinitions** module in Rec. ITU-T X.501 | ISO/IEC 9594-2 rather than in the **SelectedAttributeTypes** module.

In clause 6.2.2, add after the ASN.1 specification for *commonName*:

NOTE – After the ninth edition of this Directory Specification, the definitions of the **commonName** attribute type and the **id-at-commonName** object identifier were placed in the **UsefulDefinitions** module in Rec. ITU-T X.501 | ISO/IEC 9594-2 rather than in the **SelectedAttributeTypes** module.

In clause 6.2.15, add after the ASN.1 specification for *dnsName*:

NOTE 1 – After the ninth edition of this Directory Specification, the definitions of the **dnsName** attribute type and the **id-at-dnsName** object identifier were placed in the **UsefulDefinitions** module in Rec. ITU-T X.501 | ISO/IEC 9594-2 rather than in the **SelectedAttributeTypes** module.

In clause 6.2.15, update NOTE numbering as required.

In clause 6.2.18, add after the ASN.1 specification for *objectIdentifier*:

NOTE – After the ninth edition of this Directory Specification, the definitions of the **objectIdentifier** attribute type and the **id-at-objectIdentifier** object identifier were placed in the **UsefulDefinitions** module in Rec. ITU-T X.501 | ISO/IEC 9594-2 rather than in the **SelectedAttributeTypes** module.

In clause 6.9.1, add after the ASN.1 specification for *PresentationAddress*:

Rec. ITU-T X.520 (2019) Amd. 1 (10/2024)