



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.213

Amendment 1

(08/97)

SERIES X: DATA NETWORKS AND OPEN SYSTEM
COMMUNICATION

Open System Interconnection – Service definitions

Information technology – Open Systems
Interconnection – Network service definition

**Amendment 1: Addition of the Internet protocol
address format identifier**

ITU-T Recommendation X.213 – Amendment 1

(Previously CCITT Recommendation)

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INTERNATIONAL STANDARD 8348

ITU-T RECOMMENDATION X.213

**INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –
NETWORK SERVICE DEFINITION**

AMENDMENT 1

Addition of the Internet protocol address format identifier

Summary

This Amendment to Recommendation X.213 defines a new Address Format Identifier (AFI) for use when Network Service Access Point (NSAP) addresses and Group Network Addresses (GNAs) are used within Internet standards.

Source

The ITU-T Recommendation X.213, Amendment 1 was approved on the 9th of August 1997. The identical text is also published as ISO/IEC International Standard 8348.

FOREWORD

ITU (International Telecommunication Union) is the United Nations Specialized Agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the ITU. The 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 their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 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, the ITU had 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 –
NETWORK SERVICE DEFINITION

AMENDMENT 1

Addition of the Internet protocol address format identifier

1) Subclause 2.3

Add a new reference:

- Internet Standard 00002, Assigned Numbers.

2) Subclause A.5.2.1.2

In Table A.1, replace the second line, first column, 10-19, 20-29, 30-35, with:

10-19, 20-29, 30-33	
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Replace the third line, first column, 36-39, 40-49, 50-59, with:

34-39, 40-49, 50-59	
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Add a new row to the beginning of Table A.4:

IANA ICP	34	35	////////////////////	////////////////////
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3) New subclause A.5.2.1.2.8

Add a new subclause, A.5.2.1.2.8, after A.5.2.1.2.7:

A.5.2.1.2.8 Internet Protocol IDI format

The IDI consists of a 4-digit numeric code identifying an Internet Code Point (ICP) allocated according to Internet Assigned Number Authority (IANA) Internet Standard 00002, Assigned Numbers. The IANA ICP identifies a particular Internet Protocol (IP) addressing format.

4) Subclause A.5.2.3

Add a new row to the end of Table A.5:

IANA ICP	34	17	////////////////////	////////////////////
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5) Subclause B.1

Add a new paragraph to the end of this subclause:

The IANA ICP format is included so as to allow for Internet Assigned Number Authority (IANA) to be an authority for the assignment of NSAP addresses and Group Network Addresses (GNAs) according to the hierarchy appropriate for the Internet (which is not always based on considerations of geographical or national boundaries). The IANA ICP identifies a particular Internet Protocol (IP) addressing format. The IANA ICP format is intended to support the assignment of NSAP and GNA addresses for use within Internet standards.

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