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AMENDMENT 1
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**Information technology — Open systems
interconnection — Network Service
Definition**

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

*Technologies de l'information — Interconnexion des systèmes ouverts —
Définition du service de réseau —*

*AMENDEMENT 1: Adjonction de l'identificateur de format d'adresse du
protocole Internet*

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Amendement 1 to ISO/IEC 8348:1996 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*, in collaboration with ITU-T. The identical text is published as ITU-T Rec. X.213/Amd.1.

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.