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**Information technology — ASN.1  
encoding rules: Specification of  
Encoding Control Notation (ECN)**

*Technologies de l'information — Règles de codage ASN.1:  
Spécification de la notation de contrôle de codage (ECN)*

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This third edition cancels and replaces the second edition of ISO/IEC 8825-3:2008 which has been technically revised. It also incorporates ISO/IEC 8825-3:2008/Cor.1:2012.

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International Telecommunication Union

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**X.692**

(08/2015)

SERIES X: DATA NETWORKS, OPEN SYSTEM  
COMMUNICATIONS AND SECURITY

OSI networking and system aspects – Abstract Syntax  
Notation One (ASN.1)

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**Information technology – ASN.1 encoding rules:  
Specification of Encoding Control Notation  
(ECN)**

Recommendation ITU-T X.692



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*For further details, please refer to the list of ITU-T Recommendations.*

**Information technology – ASN.1 encoding rules:  
Specification of Encoding Control Notation (ECN)**

## Summary

Recommendation ITU-T X.692 | ISO/IEC 8825-3 defines the Encoding Control Notation (ECN) used to specify encodings (of ASN.1 types) that differ from those provided by standardized encoding rules such as the Basic Encoding Rules (BER) and the Packed Encoding Rules (PER).

## History

Edition	Recommendation	Approval	Study Group	Unique ID*
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2.0	ITU-T X.692	2008-11-13	17	<a href="http://handle.itu.int/11.1002/1000/9610">11.1002/1000/9610</a>
2.1	ITU-T X.692 (2008) Cor. 1	2011-10-14	17	<a href="http://handle.itu.int/11.1002/1000/11380">11.1002/1000/11380</a>
3.0	ITU-T X.692	2015-08-13	17	<a href="http://handle.itu.int/11.1002/1000/12485">11.1002/1000/12485</a>

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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.

## 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, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at <http://www.itu.int/ITU-T/ipr/>.

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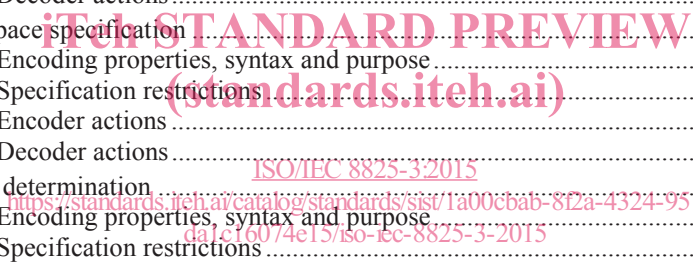
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