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# Informační technologie - Telekomunikace a výměna informací mezi systémy - Lokální a metropolitní sítě - Technické zprávy a směrnice - Část 1: Struktura a kódování adres řízení logického spoje v lokálních sítích

**ČSN**
**ISO/IEC TR 11802-1**

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Technologies de l'information - Télécommunications et échange d'information entre systèmes - Réseaux locaux et métropolitains - Rapports techniques et lignes directrices - Partie 1: - Structure et codage des adresses de contrôle liaison logique dans les réseaux locaux

Informationstechnik - Telekommunikation und Informationsaustausch zwischen Systemen - Lokale und Regionale Netze - Fachberichte und Leitfäden - Teil 1: Struktur und Codierung von LLC-Adressen in lokalen Netzen

Tato norma přejímá anglickou verzi mezinárodní normy ISO/IEC TR 11802-1:1997. Mezinárodní norma ISO/IEC TR 11802-1:1997 má status české technické normy.

This standard implements the English version of the International Standard ISO/IEC TR 11802-1:1997. The International Standard ISO/IEC TR 11802-1:1997 has the status of a Czech Standard.

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Podle zákona č. 22/1997 Sb. smějí být české technické normy rozmnožovány a rozšiřovány jen se souhlasem Českého normalizačního institutu.

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**Národní předmluva**

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**Citované normy**

ISO/IEC TR 9577:1996 dosud nezavedena

ISO/IEC 8802-2:1994 dosud nezavedena

**Vypracování normy**

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**ISO/IEC TR 11802-1**

**Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Technical reports and guidelines - Part 1:** The structure and coding of Logical Link Control addresses in Local Area Networks

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**Foreword**

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialised system for worldwide standardisation. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organisation to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organisations, 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.

The main task of technical committees is to prepare International Standards, but in exceptional a technical committee may propose the publication of a Technical Report of one of the following types:

- type 1, when the required support cannot be obtained for the publication of an International Standard, despite repeated efforts;

- type 2, when the subject is still under technical development or where for any other reason there is the future but not immediate possibility of an agreement on an International Standard;

- type 3, when a technical committee has collected data of a different kind from that which is normally published as an International Standard ("state of the art", for example).

Technical Reports of types 1 and 2 are subject to review within three years of publication, to decide whether they can be transformed into International Standards. Technical Reports of type 3 do not necessarily have to be reviewed until the data they provide are considered to be no longer valid or useful.

ISO/IEC TR 11802-1, which is a Technical Report of type 3, was prepared by ISO/IEC JTC 1, *Information technology,* Subcommittee SC 6, *Telecommuni-cations and information exchange between systems.*

This second edition cancels and replaces the first edition (ISO/IEC TR 11802-1:1995), which has been technically revised.

ISO/IEC 11802 consists of the following parts, under the general title *Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Technical reports and guidelines:*

*- Part 1: The structure and coding of Logical Link Control addresses in Local Area Networks* [Technical Report]

*- Part 2: Standard Group MAC Addresses* [Technical Report]

*- Part 4: Token ring access method and physical layer specifications - Fibre optic station attachment*



**Introduction**

The standards for LANs are generally comprised of the physical layer, the medium access control (MAC) sublayer, and the logical link control (LLC) sublayer. In OSI terminology, the MAC and LLC sublayers are considered to be sublayers of the OSI data link layer. Both the MAC and LLC sublayers contain fields for addressing.

This Technical Report contains a description of the LLC addresses, together with a list of those values in current use.

The addressing space in LLC is limited, and it is such that it is considered to be a scarce resource. t is therefore prudent to consume this resource in a considered and conservative manner. To this end this Technical Report indicates the kind of considerations which will be used by ISO/IEC when making the association between a particular LLC address value and use to which it is put. These considerations are intended to be sufficiently broad to allow a wide variety of LLC address uses to be recorded, and also sufficiently restrictive so that addresses values are not unwisely assigned.

This Technical Report will be kept up to date by ISO/IEC JTC 1 as new entries are added to the tables.





**Information technology - Telecommunications and information exchange between systems**

**- Local and metropolitan area networks - Technical reports and guidelines - Part 1:** The structure and coding of Logical Link Control addresses in Local Area Networks

## 1. Scope

This Technical Report provides:

a) a description of the ISO/IEC 8802-2 LLC addressing conventions,

b) the consideration for the manner in which new LLC address uses are assigned an entry in this Technical Report, and

c) a record, in the form of a table, of assigned uses of ISO/IEC 8802-2 LLC address values.

This Technical Report is for use by implementers to ascertain the value, or values, of LLC addresses that have been assigned for use in particular circumstance.

It is outside the scope of this Technical Report to provide architectural judgements regarding the entities which are identified by particular address value(s).

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**-- Vynechaný text --**