



**Society of Cable
Telecommunication
Engineers**

**ENGINEERING COMMITTEE
Hybrid Management Sub-Layer Subcommittee**

AMERICAN NATIONAL STANDARD

ANSI/SCTE 36 2002R2007

**SCTE-ROOT Management Information Base
(MIB) Definitions**

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1. Scope

This MIB provides the root object identifier for the Society of Telecommunications Engineers (SCTE) as an enterprise, as assigned by the Internet Assigned Numbers Authority (IANA). Any Management Information Base (MIB) that falls under the auspices of the SCTE *must* be assigned object identifiers underneath this enterprise object-id.

2. Copyright

The MIB definition found in this document may be incorporated directly in products without further permission from the copyright owner, SCTE.

3. Normative Reference

IETF RFC 1155

4. Informative Reference

<http://www.iana.org>

5. Terms and definitions

This document defines the following terms:

Management Information Base (MIB) - the specification of information in a manner that allows standard access through a network management protocol.

6. Requirements

This section defines the mandatory syntax of the SCTE Root MIB. It follows the IETF Simple Network Management Protocol (SNMP) for defining the managed objects.

The syntax is given below.

```

-- *****
-- *
-- * Module Name: HMS028R6 (SCTE 36)
-- *
-- * SCTE Status: ADOPTED JANUARY 11, 2002
-- *
-- * This MIB provides the root object identifier for the
-- * Society of Telecommunications Engineers (SCTE) as an enterprise,
-- * as assigned by the Internet Assigned Numbers Authority (IANA).
-- *
-- * MIBs which fall under the auspices of the SCTE MUST be assigned object
-- * identifiers underneath this enterprise object-id.
-- *
-- *****

```

SCTE-ROOT DEFINITIONS ::= BEGIN

IMPORTS

```

enterprises
  FROM RFC1155-SMI

```

;

scteRoot OBJECT IDENTIFIER ::= { enterprises 5591 }

-- DESCRIPTION

-- "scteRoot defines the main root of the SCTE Enterprises MIB tree. "

scteHmsTree OBJECT IDENTIFIER ::= { scteRoot 1 }

-- DESCRIPTION

-- "scteHmsTree defines the root of the HMS MIB tree.

-- All standard HMS MIBS reside under this tree level.

END