

SCTE • ISBE[®]

S T A N D A R D S

Network Operations Subcommittee

SCTE STANDARD

SCTE 36 2018

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

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1. Scope

This document is identical to SCTE 36 2012 except for informative components which may have been updated such as the title page, NOTICE text, headers and footers. No normative changes have been made to this document.

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.

This revision contains no normative changes to the previous release.

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 References

The following documents contain provisions, which, through reference in this text, constitute provisions of this standard. At the time of subcommittee approval, the editions indicated were valid. All standards are subject to revision, and parties to agreement based on this standard are encouraged to investigate the possibility of applying the most recent editions of the documents listed below.

IETF RFC 1155/STD0016 Structure and identification of management information for TCP/IP-based internets

4. Informative References

The following documents may provide valuable information to the reader but are not required when complying with this standard.

None

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