

Network Working Group
Request for Comments: 1239
Updates: RFCs 1229, 1230, 1231, 1232, 1233

J. Reynolds
ISI
June 1991

Reassignment of Experimental MIBs to Standard MIBs

Status of this Memo

This RFC specifies an IAB standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "IAB Official Protocol Standards" for the standardization state and status of this protocol. Distribution of this memo is unlimited.

Statement

In the past, MIBs have been assigned arcs in the experimental MIB namespace early in their development and then were not assigned arcs in the standard MIB namespace until they reached Full Standard status. This practice required vendors to revise their implementations when a MIB went from Draft to Full Standard status, even though there was probably no substantive technical change in the definitions. This practice could also engender operational problems in the field at an undesirably late stage of the standardization process. It was also observed that this practice could discourage implementation until the Full Standard stage and that this, too, would be undesirable. So, a preferable practice is to assign arcs in the standard MIB namespace at the earliest phase of standardization and to preserve these assignments as the standard progresses.

This memo specifically updates:

RFC 1229 - "Extensions to the Generic-Interface MIB"

RFC 1230 - "IEEE 802.4 Token Bus MIB"

RFC 1231 - "IEEE 802.5 Token Ring MIB"

RFC 1232 - "Definitions of Managed Objects for the DS1 Interface Type"

RFC 1233 - "Definitions of Managed Objects for the DS3 Interface Type"

with new codes. In the future, consult each MIB publication for new code assignments.

SMI Network Management Old Experimental Codes

Prefix: 1.3.6.1.3 (experimental)		
Decimal	Name	Description
-----	----	-----
2	T1-Carrier	T1 Carrier Objects
4	IEEE802.5	Token Ring-like Objects
6	Interface	Generic Interface Extension Objects
7	IEEE802.4	Token Bus-like Objects
15	DS3	DS3 Interface Type

SMI Network Management New Standard Codes

Prefix: 1.3.6.1.2.1 (standard-mib)		
Decimal	Name	Description
-----	----	-----
12	Generic IF	Generic Interface Extension Objects

Prefix: 1.3.6.1.2.1.10 (transmission)		
Decimal	Name	Description
-----	----	-----
8	IEEE802.4	Token Bus-like Objects
9	IEEE802.5	Token Ring-like Objects
18	DS1	T1 Carrier Objects
30	DS3	DS3 Interface Type

Security Considerations

Security issues are not discussed in this memo.

Author's Address

Joyce K. Reynolds
USC/Information Sciences Institute
4676 Admiralty Way
Marina del Rey, CA 90292-6695

Phone: (213) 822-1511

Email: jkrey@isi.edu