

Request to Move [RFC 1643](#) to Historic Status

<[draft-ietf-hubmib-1643-to-historic-00.txt](#)>

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Abstract

[RFC 1643](#), "Definitions of Managed Objects for the Ethernet-like Interface Types", currently STD 50, is inadequate for managing the Ethernet interface types that have been developed since 1994. The most up-to-date version of that specification, RFC xxxx, is currently a Proposed Standard. In order to encourage implementors to use that version of the specification instead of [RFC 1643](#), this document requests that [RFC 1643](#) be moved to Historic status.

1. Details

STD 50, [RFC 1643](#) [[RFC1643](#)], "Definitions of Managed Objects for the Ethernet-like Interface Types", covers only 10 Mb/s Ethernet interfaces. Since its publication in 1994, 100 Mb/s, 1000 Mb/s, and 10 Gb/s Ethernet interface types have been developed, and updates to the specification have been developed to encompass these new technologies [[RFC2358](#)] [[RFC2665](#)] [[RFCxxxx](#)]. These updates define new MIB objects to supplement those originally defined in [RFC 1643](#) and in addition deprecate some of the objects defined in [RFC 1643](#) that are no longer useful.

[RFC 1643](#) is an obsolete specification, overtaken by events. Having it remain an Internet Standard while the replacement RFCs make their way through the standards track serves no useful purpose and may even have the undesirable effect of encouraging vendors to implement it instead of its more up-to-date replacements. It is therefore recommended that it be reclassified as Historic.

2. Effect on Other Standards Track Documents

Reclassification of [RFC 1643](#) will have no impact on the status of any standards track RFC because no standards track RFC cites it as a normative reference. An RFC content search made with the tools available at <http://www.rfc-editor.org> reveals the following standards track documents that cite [RFC 1643](#):

[RFC 2020](#) IEEE 802.12 Interface MIB J. Flick

[RFC 2358](#) Definitions of Managed Objects for the Ethernet-like Interface Types J. Flick, J. Johnson

[RFC 2665](#) Definitions of Managed Objects for the Ethernet-like Interface Types J. Flick, J. Johnson

[RFC 2720](#) Traffic Flow Measurement: Meter MIB N. Brownlee

RFC xxxx Definitions of Managed Objects for the Ethernet-like Interface Types J. Flick

[RFC 2020](#) [[RFC2020](#)] contains DOT12-IF-MIB, which is the MIB module for managing IEEE 802.12 100VG-AnyLAN interfaces. It refers to [RFC 1643](#) in the context of an admonition not to implement the EthernetLike-MIB for any interface where the DOT12-IF-MIB is implemented.

[RFC 2358](#) [[RFC2358](#)], [RFC 2665](#) [[RFC2665](#)], and RFC xxxx [[RFCxxxx](#)] all contain updated versions of the EthernetLike-MIB. They refer to [RFC 1643](#) in the context of explaining the history of the EthernetLike-

Flick

Expires November 2002

[Page 2]

MIB, and the citation in [[RFCxxxx](#)] is explicitly listed as a non-normative reference.

[RFC 2720](#) [[RFC2720](#)] contains the FLOW-METER-MIB. It refers to [RFC 1643](#) only in an ASN.1 comment in the MIB module. Omission of that comment would not preclude correct implementation of the MIB module.

Clearly, none of these citations is normative.

3. Security Considerations

Reclassification of [RFC 1643](#) will not, in and of itself, have any effect on the security of the Internet.

4. References

- [RFC1643] Kastenholz, F., "Definitions of Managed Objects for the Ethernet-like Interface Types", STD 50, [RFC 1643](#), July 1994.
- [RFC2020] Flick, J., "IEEE 802.12 Interface MIB", [RFC 2020](#), October 1996.
- [RFC2358] Flick, J. and J. Johnson, "Definitions of Managed Objects for the Ethernet-like Interface Types", [RFC 2358](#), June 1998.
- [RFC2665] Flick, J., and J. Johnson, "Definitions of Managed Objects for the Ethernet-like Interface Types", [RFC 2665](#), August 1999.
- [RFC2720] Brownlee, N., "Traffic Flow Measurement: Meter MIB", [RFC 2720](#), October 1999.
- [RFCxxxx] Flick, J., "Definitions of Managed Objects for the Ethernet-like Interface Types", <[draft-ietf-hubmib-etherif-mib-v3-00.txt](#)>, work in progress.

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