Republishing the IPV6-MIBs as Obsolete

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What's the problem?

- MIB Indexes

www.net-snmp.org/docs/mibs/

IPV6-MIB [mib file]	rfc2465	The MIB module for entities implementing the IPv6 protocol.
IPV6-ICMP-MIB [mib file]	rfc2466	The MIB module for entities implementing the ICMPv6.
IPV6-TCP-MIB [mib file]	rfc2452	The MIB module for entities implementing TCP over IPv6.
IPV6-UDP-MIB [mib file]	rfc2454	The MIB module for entities implementing UDP over IPv6.

What's the problem?

- MIB contents

```
ipv6DefaultHopLimit OBJECT-TYPE
    SYNTAX          INTEGER(0..255)
    MAX-ACCESS      read-write
    STATUS          current
```

...

What have we tried?

- The update RFCs have Obsoletes: header

- Some of the older RFCs are Status: HISTORIC (some are not - bookkeeping)

- Some of the objects in the IANA registry are labeled HISTORIC

- None of these things affect MIB repositories

What's the solution?

- Republish the MIB modules, with the STATUS of each object changed to "deprecated," and the DESCRIPTION of each module and object updated to reflect this per RFC2578 (SMIv2).

- Mark the original RFCs as Historic, and Obsoleted by this new document

- Update IANA registries

Fixed MIB index

IPV6-MIB [mib file]	rfc2465	The obsolete MIB module for entities implementing the IPv6 protocol. Use the IP-MIB or IP-FORWARD-MIB instead.
IPV6-ICMP-MIB [mib file]	rfc2466	The obsolete MIB module for entities implementing the ICMPv6. Use the IP-MIB instead.
IPV6-TCP-MIB [mib file]	rfc2452	The obsolete MIB module for entities implementing TCP over IPv6. Use the TCP-MIB instead.
IPV6-UDP-MIB [mib file]	rfc2454	The obsolete MIB module for entities implementing UDP over IPv6. Use the UDP-MIB instead.

Fixed MIB contents

```
ipv6DefaultHopLimit OBJECT-TYPE
    SYNTAX          INTEGER(0..255)
    MAX-ACCESS      read-write
    STATUS          obsolete
    DESCRIPTION
        "The default value inserted
into the Hop Limit
...

            This object is obsoleted by
IP-MIB::ipv6IpDefaultHopLimit."
```

Who will do all this work?

- See draft-fenner-ipv6-mibs-obsolete-01.txt

- You're welcome.

What's next?

- Find a home (6man?)

- Come to consensus

- Publish RFC