

Interpretation Number: 5-11/02 – Item 1(Clause 43 SNMP MIB)
Topic: dot3adAggPortActorSystemPriority,
dot3adAggPortPartnerAdminSystemPriority, &
dot3adAggPortPartnerAdminSystemPriority
Relevant Clause: 30C.6
Classification: Unambiguous

Interpretation Request

dot3adAggPortActorSystemPriority, dot3adAggPortPartnerAdminSystemPriority, and dot3adAggPortPartnerAdminSystemPriority are listed as INTEGER (0..255), but the DESCRIPTION states that is it 2-octets. dot3adAggActorSystemPriority is INTEGER (0..65535), as expected. Since the system priority makes up part of the system ID, the above values are likely to cause the aggregators and ports to be in different systems. I believe this is a mistake and that the values for the ports should match that of the aggregators. (IEEE Std 802.3ad-2000, 43.3.2, p.109).

Interpretation for IEEE std 802.3-2002

The IEEE P802.3 Maintenance process has addressed this issue in IEEE Std 802.3ad-2000. In the current edition of the standard, IEEE Std 802.3-2002, dot3adAggPortActorSystemPriority, dot3adAggPortPartnerAdminSystemPriority, and dot3adAggPortPartnerAdminSystemPriority are listed as INTEGER (0..65535).

Interpretation Number: 5-11/02 – Item 2 (Clause 43 SNMP MIB)
Topic: dot3adAggActorSystemID
Relevant Clause: 30C.6
Classification: Defect

Interpretation Request

dot3adAggActorSystemID has MAX-ACCESS of read-only, but the text DESCRIPTION says "read-write". Which is correct? I believe it should be read-only, but it is not entirely clear from the spec. The spec does seem to imply read-write in the note listed in 30.7.1.1.4, but it is possible this is out of sync. It does not make sense to be able to edit a MAC address value for a system.

Interpretation for IEEE std 802.3-2002

This represents a conflict within the standard.

A change request will be generated to resolve the conflict.