Contact Name:
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What type of assignment/registration are you requesting?

Assignment of the following additions to the IANAifMauTypeListBits textual convention, immediately following b5GbaseT(104) -- 5GBASE-T:

- b100baseT1(??) -- 100BASE-T1
- b100baseRHA(??) -- 100BASE-RHA
- b100baseRHB(??) -- 100BASE-RHB
- b100baseRHC(??) -- 100BASE-RHC
- b2p5GbaseKX(??) -- 2.5GBASE-KX
- b2p5GbaseX(??) -- 2.5GBASE-X
- b5GbaseKR(??) -- 5GBASE-KR
- b5GbaseR(??) -- 5GBASE-R
- b10GpassXR(??) -- 10GPASS-XR
- b25GbaseLR(??) -- 25GBASE-LR
- b25GbaseER(??) -- 25GBASE-ER
- b50GbaseR(??) -- 50GBASE-R
- b50GbaseCR(??) -- 50BASE-CP
- b50GbaseKR(??) -- 50BASE-KR
- b50GbaseSR(??) -- 50BASE-SR
- b50GbaseFR(??) -- 50BASE-FR
- b50GbaseLR(??) -- 50BASE-LR
- b50GbaseER(??) -- 50BASE-ER
- b100GbaseCR2(??) -- 100BASE-CR2
- b100GbaseKR2(??) -- 100BASE-KR2
- b100GbaseSR2(??) -- 100BASE-SR2
- b100GbaseDR(??) -- 100BASE-DR
- b200GbaseR(??) -- 200GBASE-R
- b200GbaseDR4(??) -- 200GBASE-DR4
- b200GbaseFR4(??) -- 200GBASE-FR4
- b200GbaseLR4(??) -- 200GBASE-LR4
- b200GbaseCR4(??) -- 200GBASE-CR4
- b200GbaseKR4(??) -- 200GBASE-KR4
- b200GbaseSR4(??) -- 200GBASE-SR4
- b200GbaseER4(??) -- 200GBASE-ER4
- b400GbaseR(??) -- 400GBASE-R
- b400GbaseSR16(??) -- 400GBASE-SR16
- b400GbaseDR4(??) -- 400GBASE-DR4
- b400GbaseFR8(??) -- 400GBASE-FR8
- b400GbaseLR8(??) -- 400GBASE-LR8
- b400GbaseER8(??) -- 400GBASE-ER8
- b10baseT1L(??) -- 10BASE-T1L
b10baseT1SHD(??) -- 10BASE-T1S half duplex mode
b10baseT1SMD(??) -- 10BASE-T1S multidrop mode
b10baseT1SFD(??) -- 10BASE-T1S full duplex mode

Assignment of the following additions to the IANAifMauAutoNegCapBits textual convention, immediately following b5GBaseT(35) -- 5GBASE-T:

b2p5GbaseKX(??) -- 2.5GBASE-KX
b5GbaseKR(??) -- 5GBASE-KR
b50GbaseR(??) -- 50GBASE-CR or 50GBASE-KR
b100GbaseR2(??) -- 100GBASE-CR2 or 100GBASE-KR2
b200GbaseR4(??) -- 200GBASE-CR4 or 200GBASE-KR4
b10baseT1L(??) -- 10BASE-T1L
b10baseT1S(??) -- 10BASE-T1S

Assignment of the following additions to the dot3MauType object identities, immediately following dot3MauType5GigT OBJECT-IDENTITY... ::= { dot3MauType 104 }:

dot3MauType100baseT1 OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "100BASE-T1 Single balanced twisted-pair copper cabling PHY"
  REFERENCE "IEEE Std 802.3, Clause 96"
  ::= { dot3MauType xx }

dot3MauType100baseRHA OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "1000BASE-RHA Plastic optical fiber PHY"
  REFERENCE "IEEE Std 802.3, Clause 115"
  ::= { dot3MauType xx }

dot3MauType100baseRHB OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "1000BASE-RHB Plastic optical fiber PHY"
  REFERENCE "IEEE Std 802.3, Clause 115"
  ::= { dot3MauType xx }

dot3MauType100baseRHC OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "1000BASE-RHC Plastic optical fiber PHY"
  REFERENCE "IEEE Std 802.3, Clause 115"
  ::= { dot3MauType xx }

dot3MauType2p5GbaseKX OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "2.5GBASE-X PMD over an electrical backplane"
  REFERENCE "IEEE Std 802.3, Clause 128"
  ::= { dot3MauType xx }
dot3MauType2p5GbaseX OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "2.5GBASE-X PCS/PMA over undefined PMD"
  REFERENCE "IEEE Std 802.3, Clause 127"
  ::= { dot3MauType xx }

dot3MauType5GbaseKR OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "5GBASE-KR PMD over an electrical backplane"
  REFERENCE "IEEE Std 802.3, Clause 130"
  ::= { dot3MauType xx }

dot3MauType5GbaseR OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "5GBASE-R PCS/PMA over undefined PMD"
  REFERENCE "IEEE Std 802.3, Clause 129"
  ::= { dot3MauType xx }

dot3MauType10GpassXR OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "Coax cable distribution network PHY continuous
downstream/burst mode upstream PHY"
  REFERENCE "IEEE Std 802.3, Clause 100 and 101"
  ::= { dot3MauType xx }

dot3MauType25GbaseLR OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "25GBASE-R PCS/PMA over single-mode fiber PMD,
with long reach"
  REFERENCE "IEEE Std 802.3, Clause 114"
  ::= { dot3MauType xx }

dot3MauType25GbaseER OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "25GBASE-R PCS/PMA over single-mode fiber PMD,
with extended reach"
  REFERENCE "IEEE Std 802.3, Clause 114"
  ::= { dot3MauType xx }

dot3MauType50GbaseR OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "50GBASE-R Multi-lane PCS over undefined PMA/PMD"
  REFERENCE "IEEE Std 802.3, Clause 133 and 135"
  ::= { dot3MauType xx }

dot3MauType50GbaseCR OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "50GBASE-R PCS/PMA over shielded copper balanced cable PMD"
  REFERENCE "IEEE Std 802.3, Clause 136"
  ::= { dot3MauType xx }
dot3MauType50GbaseKR OBJECT-IDENTITY
STATUS current
DESCRIPTION "50GBASE-R PCS/PMA over an electrical backplane PMD"
REFERENCE "IEEE Std 802.3, Clause 137"
::= { dot3MauType xx }

dot3MauType50GbaseSR OBJECT-IDENTITY
STATUS current
DESCRIPTION "50GBASE-R PCS/PMA over multimode fiber PMD"
REFERENCE "IEEE Std 802.3, Clause 138"
::= { dot3MauType xx }

dot3MauType50GbaseFR OBJECT-IDENTITY
STATUS current
DESCRIPTION "50GBASE-R PCS/PMA over single mode fiber PMD with reach up to at least 2 km"
REFERENCE "IEEE Std 802.3, Clause 139"
::= { dot3MauType xx }

dot3MauType50GbaseLR OBJECT-IDENTITY
STATUS current
DESCRIPTION "50GBASE-R PCS/PMA over single mode fiber PMD with reach up to at least 10 km"
REFERENCE "IEEE Std 802.3, Clause 139"
::= { dot3MauType xx }

dot3MauType50GbaseER OBJECT-IDENTITY
STATUS current
DESCRIPTION "50GBASE-R PCS/PMA over single-mode fiber PMD with reach up to at least 40 km"
REFERENCE "IEEE Std 802.3, Clause 139"
::= { dot3MauType xx }

dot3MauType100GbaseCR2 OBJECT-IDENTITY
STATUS current
DESCRIPTION "100GBASE-R PCS/PMA over 2 lane shielded copper balanced cable PMD"
REFERENCE "IEEE Std 802.3, Clause 136"
::= { dot3MauType xx }

dot3MauType100GbaseKR2 OBJECT-IDENTITY
STATUS current
DESCRIPTION "100GBASE-R PCS/PMA over an electrical backplane PMD"
REFERENCE "IEEE Std 802.3, Clause 137"
::= { dot3MauType xx }

dot3MauType100GbaseSR2 OBJECT-IDENTITY
STATUS current
DESCRIPTION "100GBASE-R PCS/PMA over 2 lane multimode fiber PMD"
dot3MauType100GbaseDR OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "100GBASE-R PCS/PMA over single mode fiber PMD"
  REFERENCE "IEEE Std 802.3, Clause 140"
  ::= { dot3MauType xx }

dot3MauType200GbaseR OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "200GBASE-R Multi-lane PCS over undefined PMA/PMD"
  REFERENCE "IEEE Std 802.3, Clause 119"
  ::= { dot3MauType xx }

dot3MauType200GbaseDR4 OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "200GBASE-R PCS/PMA over 4-lane single-mode fiber PMD"
  REFERENCE "IEEE Std 802.3, Clause 121"
  ::= { dot3MauType xx }

dot3MauType200GbaseFR4 OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "200GBASE-R PCS/PMA over 4 WDM lane single-mode fiber PMD with reach up to at least 2 km"
  REFERENCE "IEEE Std 802.3, Clause 122"
  ::= { dot3MauType xx }

dot3MauType200GbaseLR4 OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "200GBASE-R PCS/PMA over 4 WDM lane single-mode fiber PMD with reach up to at least 10 km"
  REFERENCE "IEEE Std 802.3, Clause 122"
  ::= { dot3MauType xx }

dot3MauType200GbaseCR4 OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "200GBASE-R PCS/PMA over 4 lane shielded copper balanced cable PMD"
  REFERENCE "IEEE Std 802.3, Clause 136"
  ::= { dot3MauType xx }

dot3MauType200GbaseKR4 OBJECT-IDENTITY
  STATUS current
  DESCRIPTION "200GBASE-R PCS/PMA over an electrical backplane PMD"
  REFERENCE "IEEE Std 802.3, Clause 137"
  ::= { dot3MauType xx }

dot3MauType200GbaseSR4 OBJECT-IDENTITY
  STATUS current
DESCRIPTION "200GBASE-R PCS/PMA over 4 lane multimode fiber PMD"
REFERENCE "IEEE Std 802.3, Clause 138"
::= { dot3MauType xx }

dot3MauType200GbaseER4 OBJECT-IDENTITY
STATUS current
DESCRIPTION "200GBASE-R PCS/PMA over 4 WDM lane single-mode fiber PMD
   with reach up to at least 40 km"
REFERENCE "IEEE Std 802.3, Clause 122"
::= { dot3MauType xx }

dot3MauType400GbaseR OBJECT-IDENTITY
STATUS current
DESCRIPTION "400GBASE-R Multi-lane PCS over undefined PMA/PMD"
REFERENCE "IEEE Std 802.3, Clause 119"
::= { dot3MauType xx }

dot3MauType400GbaseSR16 OBJECT-IDENTITY
STATUS current
DESCRIPTION "400GBASE-R PCS/PMA over 16-lane multimode fiber PMD"
REFERENCE "IEEE Std 802.3, Clause 123"
::= { dot3MauType xx }

dot3MauType400GbaseDR4 OBJECT-IDENTITY
STATUS current
DESCRIPTION "400GBASE-R PCS/PMA over 4-lane single-mode fiber PMD"
REFERENCE "IEEE Std 802.3, Clause 124"
::= { dot3MauType xx }

dot3MauType400GbaseFR8 OBJECT-IDENTITY
STATUS current
DESCRIPTION "400GBASE-R PCS/PMA over 8 WDM lane single-mode fiber PMD
   with reach up to at least 2 km"
REFERENCE "IEEE Std 802.3, Clause 122"
::= { dot3MauType xx }

dot3MauType400GbaseLR8 OBJECT-IDENTITY
STATUS current
DESCRIPTION "400GBASE-R PCS/PMA over 8 WDM lane single-mode fiber PMD
   with reach up to at least 10 km"
REFERENCE "IEEE Std 802.3, Clause 122"
::= { dot3MauType xx }

dot3MauType400GbaseER8 OBJECT-IDENTITY
STATUS current
DESCRIPTION "400GBASE-R PCS/PMA over 8 WDM lane single-mode fiber PMD
   with reach up to at least 40 km"
REFERENCE "IEEE Std 802.3, Clause 122"
::= { dot3MauType xx }
Correct the `dot3MauType1000baseT1` OBJECT-IDENTITY

REFERENCE from "IEEE Std 802.3, Clause 96" to "IEEE Std 802.3, Clause 97" { dot3MauType 79 }

Which registry are you requesting this assignment/registration be made in?

The assignment of the IANAifMauTypeListBits and IANAifMauAutoNegCapBits textual conventions as well as the `dot3MauType` object identities is contained in the IANA-MAU-MIB.

If possible, please give a brief description of why you need this assignment/registration:


The description of the IANAifMauTypeListBits textual convention states that "... changes in this textual convention SHALL be synchronized with relevant changes in the dot3MauType OBJECT-IDENTITIES.". The assignments are imported and referenced in the IEEE8023-MAU-MIB, which is defined in Clause 13 of IEEE Std 802.3-2013, "IEEE Standard for Management Information Base (MIB) Definitions for Ethernet."

Additional Information. Please include a reference to the specification or RFC (if available) that defines this number or name space: