

IANA Ethernet Considerations Internet-Draft

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- What is IANA?
 - The Internet Assigned Numbers Authority (IANA) is responsible for the global coordination of the DNS Root, IP addressing, and other Internet protocol resources
 - <http://www.iana.org/>
 - <http://beta.iana.org/about/>
- Why this draft?
 - IANA considerations for the allocation of code points under the IANA OUI
 - lists and discusses some other IETF use of Ethernet code points not under the IANA OUI
 - Targeting IETF constituency but coordinate with IEEE 802 and RAC
- <http://www.ietf.org/internet-drafts/draft-eastlake-ethernet-iana-considerations-04.txt>
- Area Director sponsored document targeting BCP
- IETF Last Call in a few weeks

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- What's in the draft?
 - Description of the IEEE Registration Authority
 - 48-bit MAC Identifiers and OUIs
 - EUI-48 Allocations under the IANA OUI and allocation considerations
 - 64-bit MAC Identifiers
 - IPv6 Use of Modified EUI-64 Addresses and allocation considerations
 - Other IETF Used EUI-48 Addresses
 - MAC-48 multicast addresses prefixed "33-33" used by the IETF for global IPv6 multicast [RFC2464]
 - OUIs prefixed CF - allocated by IANA for use in PPP [RFC1661] – deprecated
 - Ethernet Protocol Parameters
 - Ethertypes
 - LSAPs
 - Procedures for Ethernet Protocol Allocation under IANA OUI
 - Annexes
 - EUI-48/EUI-64 Identifier or Identifier Block Template
 - Some Ethertypes Used by the IETF