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