An Acceptable Use Policy for New ICMP Types and Codes

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Motivation – ICMP AUP

- Need to describe policies for when adding new functions to ICMP is a feature or a bug
- Describe the role of ICMP and provide guidelines
Best Current Practice given

- Limit future uses of ICMP to:
  1. Inform datagram’s originator of forwarding plane anomaly – including if the datagram was discarded or not
  2. Discover on-link routers and hosts
The document further:

- Classifies existing ICMPs
- Gives background on RPL use of ICMP
- Describes ICMP’s role in the Internet
The questions

- BCP or Informational? -> We think BCP
Documents Status

- Looking forward to the **WG feedback and discussion**.
- Should we send this document to the IESG?
Thank You!

{Carlos; Melinda}