Draft-dean-manet-metrictlv-00

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Proposed method for sharing metrics

- What type of numbers need to be represented?
 - Flat 1-255 representation
 - Exponential 1-63488 representation using mantissa/exponent.
- Solution should be efficient.
- Solution should be flexible.
- Different cost values should be allowed to be represented.

Proposed method for sharing metrics

- What type of numbers need to be represented?
- Solution should be efficient.
 - Each cost value represented with an 8 bits
 - Multivalue TLV uses 6 byte overhead per metric type for any number of values.
- Solution should be flexible.
- Different cost values should be allowed to be represented.

Proposed method for sharing metrics

- What type of numbers need to be represented?
- Solution should be efficient.
- Solution should be flexible.
 - Defines a TLV to be used within the packetbb framework.
- Different cost values should be allowed to be represented.

Proposed method for sharing metrics

- Different cost values should be allowed to be represented.
 - Multiple metric TLVs can be assigned to the same addresses using differing subtypes.
 - Format generalizes 4 cost ideas
 - Outbound link metric
 - · Inbound link metric
 - Symmetric link metric
 - Node metric



