

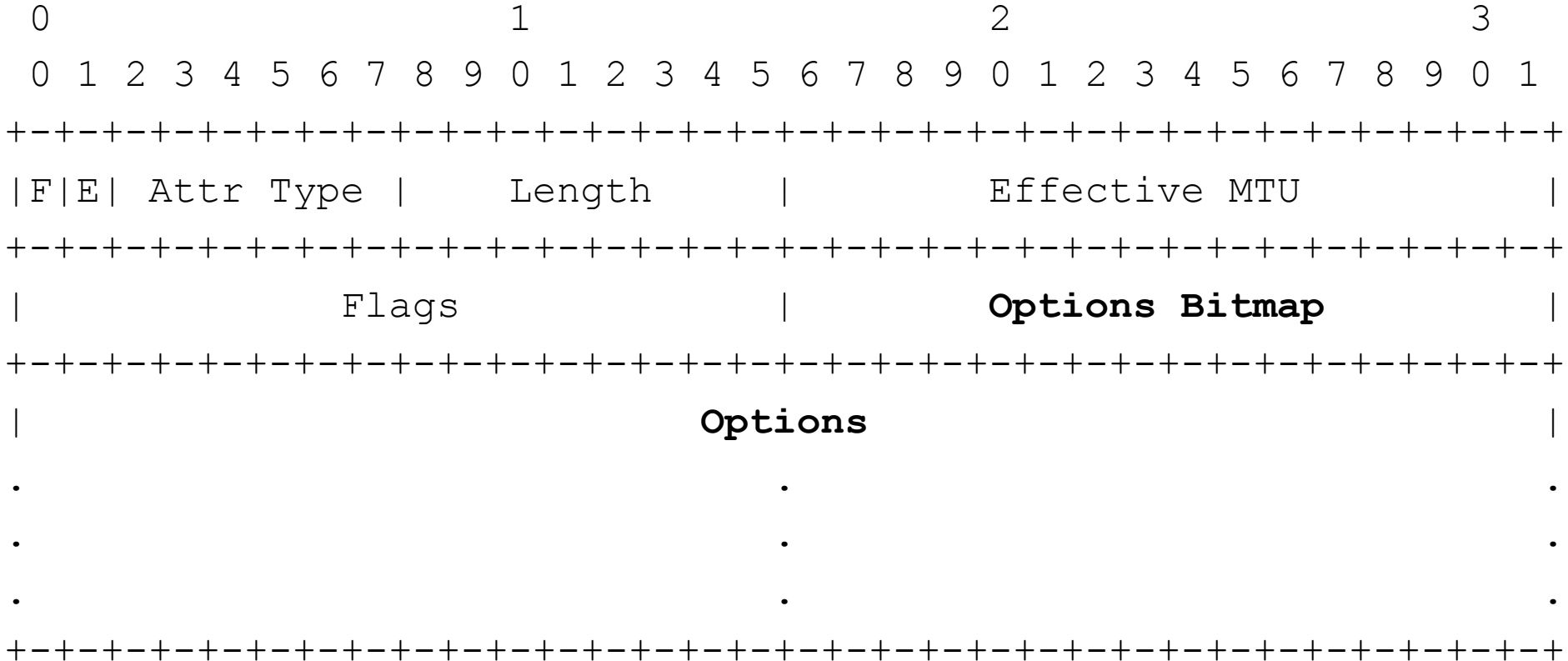
pop-count update

draft-ietf-pim-pop-count-03

pop-count version 3 changes

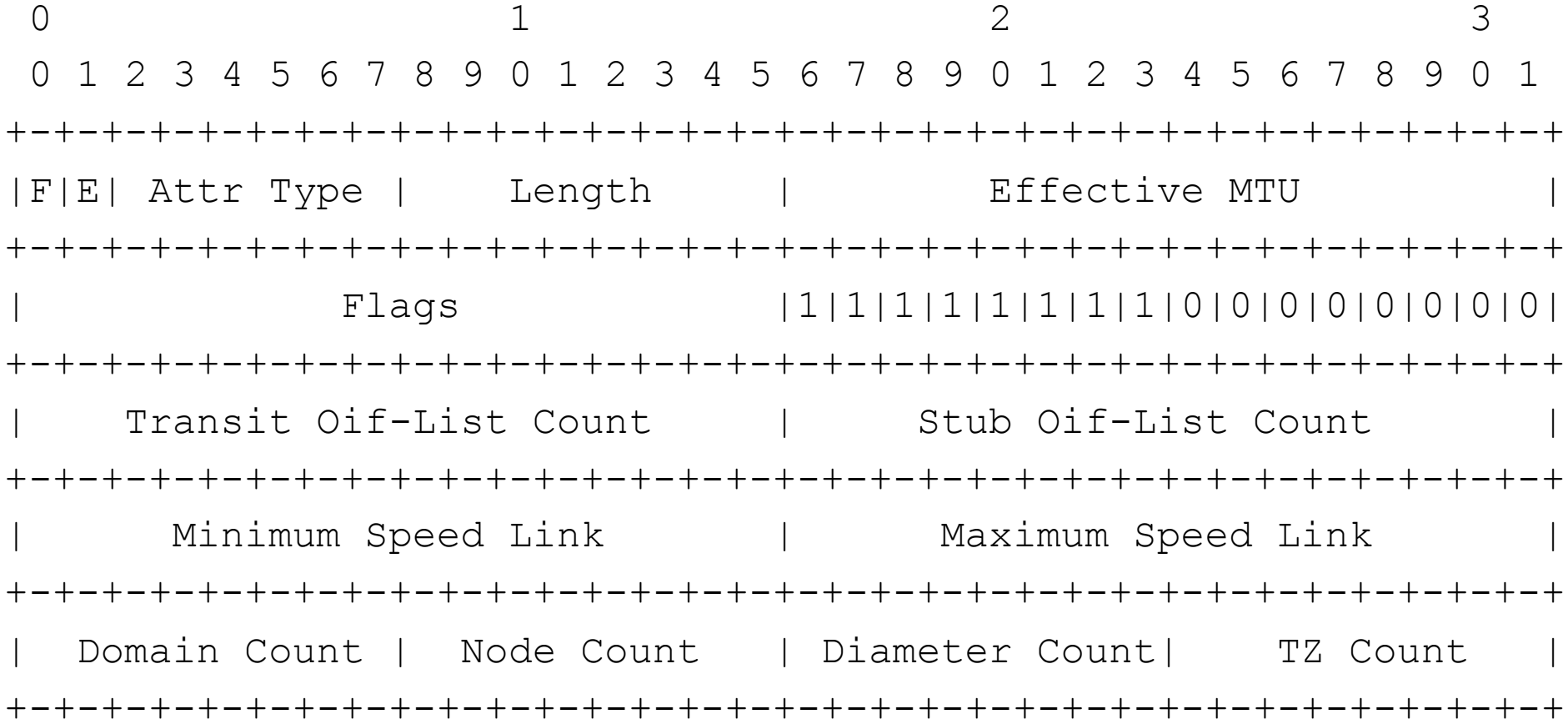
- Mainly changes to message format
 - Allow for information fields to be optional
 - Allow for defining new fields in the future
- New format for link speeds
 - Exponent to allow a wide range of speeds to be specified
- Minor textual changes
 - Tried to make text a bit clearer

New message format

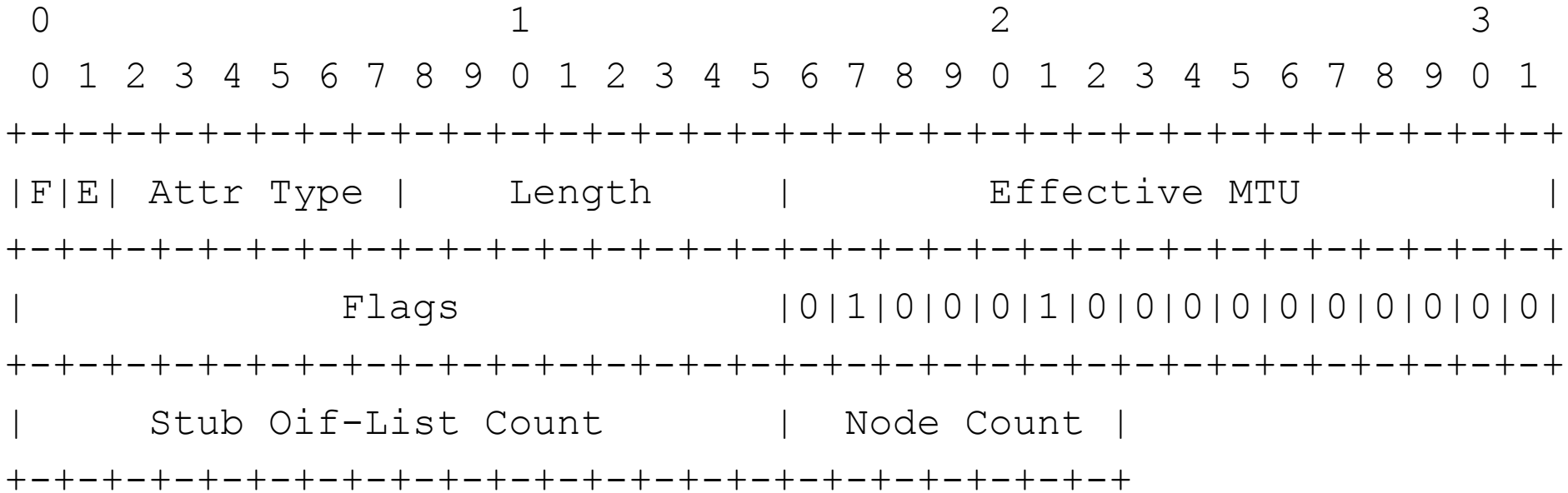


The changes are the Options Bitmap and the Options

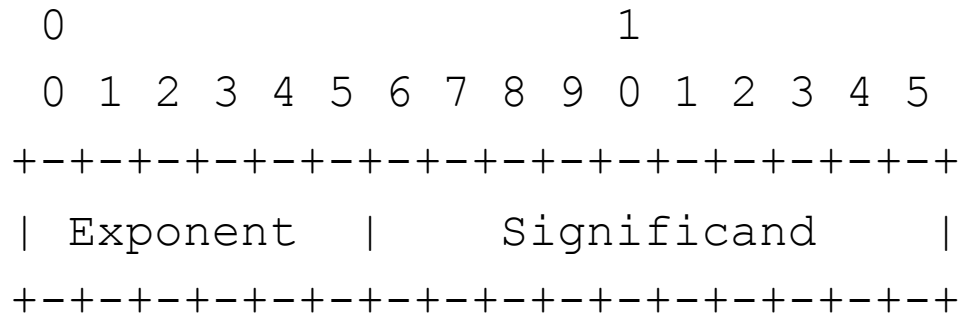
All Options Example



Two Options Example



Min/Max Link Speed Format



Link speed: Significand * 10 ^ Exponent kbps

Allows 3 decimal digits precision

Speeds from 1 kbps to 10⁶⁷ kbps

Examples:

Link Speed	Exponent	Significand
500 kbps	0	500
500 kbps	2	5
155 Mbps	3	155
40 Gpbs	6	40

Next steps

- Questions?
- Ready for working group last call?
 - If not, what is missing?