

IEEE 802.15.4 Information Element allocation

IETF 95

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What

- IEEE 802.15.4 has Information Elements, but there is only 16 of them, and they will allow other standardization organizations to get one, but only one.
 - Meaning the whole IETF will get one, and we need to define how that is subtyped so we can show to IEEE 802.15.4 that we do not need another ever. This draft also creates IANA registry for subtypes.
 - This draft will provide subtype formatting and make official request from IETF to the IEEE 802.15.4 WG to ask them to allocate one for IETF.
 - Users in the IETF: 6tisch, 6lo, core etc.
 - Allows putting information in to the 802.15.4 frames without too much extra overhead.
 - This draft will most likely need to be AD sponsored, as this is not directly related to only one WG.

