

# Carrying a Generic Identifier in IPv6 packets

[draft-iurman-6man-generic-id-00](#)

Justin Iurman

IETF 115, 6MAN WG  
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# Why?

New code points (HBHs & DOs) for similar use cases (i.e., carry an ID):

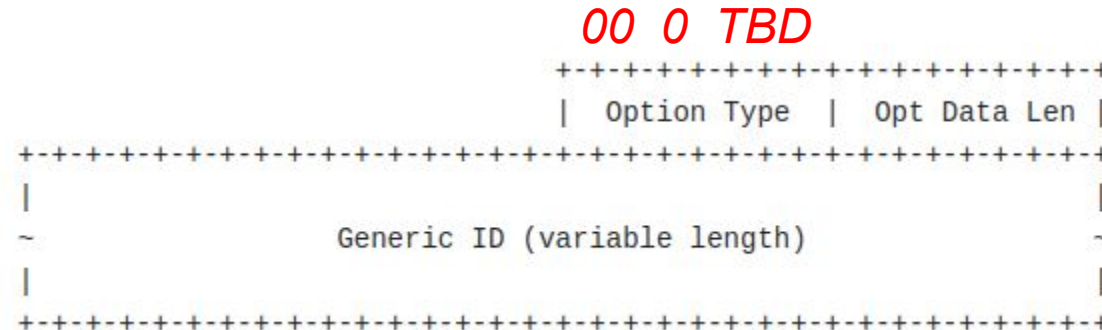
- [I-D.draft-ietf-6man-enhanced-vpn-vtn-id]
- [I-D.draft-li-6man-topology-id]

Concerns:

- quickly wasting code points
- not generic enough

Anticipate? Situation in 5, 10, 20 years?

# Solution 1: Generic ID Option



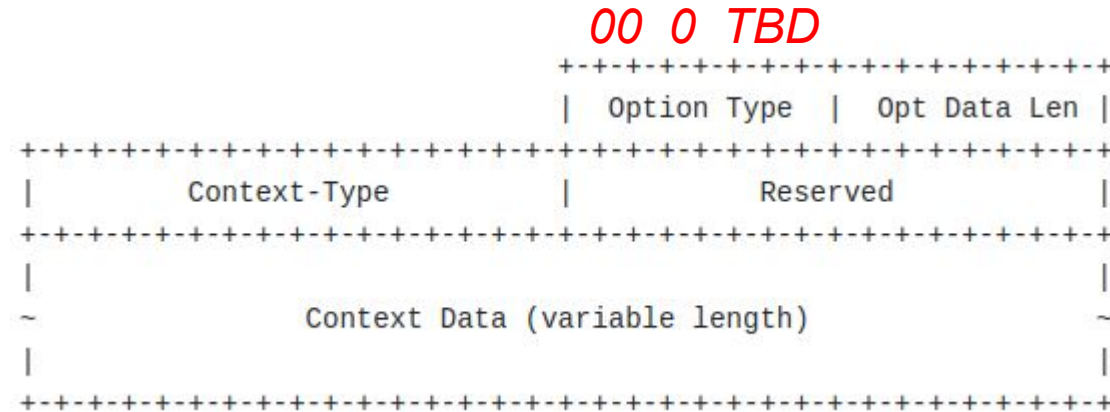
## Pros:

- generic (= ID container)

## Cons:

- too generic?
- no context

# Solution 2: Generic Context-ID Option



## Pros:

- context
- sub-registry

## Cons:

- sub-registry

# Discussion

Both solutions? Either? None?