

Origin Validation Signaling

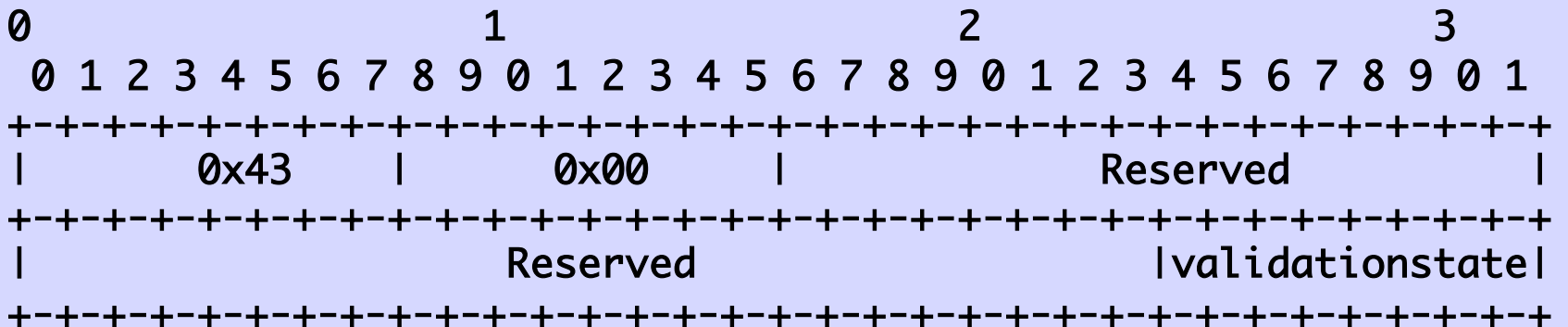
`draft-ymbk-sidrops-ov-signal-03.txt`

2019.07.23

`randy@psg.com`

RFC 8097

BGP Prefix Origin Validation State Extended Community



Value	Meaning
0	Lookup result = "valid"
1	Lookup result = "not found"
2	Lookup result = "invalid"

But How Does the Receiver Drop Invalids

Drop Invalid as if
Receiver Had Detected
by Running ROV Itself

And Withdraw All
Announcements with
the Invalid Origin

Think Route Reflector with Lazy Clients

Trust Boundary

- Only within a PoP
- This is not outsourcing trust
- Do not share with customers or friends

As ROV deploys, it
would be *really really*
useful to have something
in this space

Request WG Adoption