

draft-haas-idr-flowspec-redirect-rt-bis

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# RFC 5575 Redirect Extended Community

“Redirect: The redirect extended community allows the traffic to be redirected to a VRF routing instance that lists the specified route-target in its import policy. If several local instances match this criteria, the choice between them is a local matter (for example, the instance with the lowest Route Distinguisher value can be elected). **This extended community uses the same encoding as the Route Target extended community** [[RFC4360](#)].”

# The Issue

- A Route Target is not only the 6 bytes of Value field but uses the Type-high octet as a “format specifier”.
- The Flowspec RFC only shows a single type/sub-type allocated: 0x8008
- This has lead several implementers to the conclusion that you simply try out all RT types using the Value field.
- *This is not how the feature is deployed.*

# The fix

- A small draft updating RFC 5575 noting that the type field for the Redirect Extended Community is used the same as the Route Target extended Community, just ORed with 0x80.
- IANA is requested to update its registry to make the appropriate allocations.