

# BGP Well-Known Communities Procedures

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# Issue

- Following publication of RFC 1997 this IANA registry was created:  
<http://www.iana.org/assignments/bgp-well-known-communities>
- No registration procedures were specified  
IANA has made a sweep of RFCs trying to clean up the registry space and define procedures where necessary

# Today

0x00000000-0x0000FFFF	Reserved
0xFFFFFFFF01	NO_EXPORT [RFC1997]
0xFFFFFFFF02	NO_ADVERTISE [RFC1997]
0xFFFFFFFF03	NO_EXPORT_SUBCONFED [RFC1997]
0xFFFFFFFF04	NOPEER [RFC3765]
0xFFFF0000-0xFFFFFFFF	Reserved

# Proposal

0x00000000-0x0000FFFF	Reserved
0xFFFFFFFF01	NO_EXPORT [RFC1997]
0xFFFFFFFF02	NO_ADVERTISE [RFC1997]
0xFFFFFFFF03	NO_EXPORT_SUBCONFED [RFC1997]
0xFFFFFFFF04	NOPEER [RFC3765]
0xFFFF0000-0xFFFF8000	= FCFS defined in RFC 2434
0xFFFF8001-0xFFFFFFFF	= IANA Assigned defined in RFC 2434 or RFC 4020(early alloc)

No requests for Vendor range

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Consider changing semantics from assumed "well-known"  
(guaranteed action) to "reserved codepoint."