

Bundle Protocol Version 7 Administrative Record Types Registry

IETF 112 DTN WG

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Need For this Updating Document

- The BPv7 defining document defined an explicit table of Administrative Record Types code points.
- There is a pre-existing IANA sub-registry of BPv6 Admin. Record Types.
- Other pre-existing IANA sub-registries with BPv6-7 overlap were updated to include a “Bundle Protocol Version” column to disambiguate and allow for overlapping registrations.
- This proposed document updates the Admin. Record Types sub-registry to be similar to the others with BPv6-7 overlap.
 - It makes an explicit reservation of code point zero.
 - It adds a high-valued reservation for private or experimental use in the 32-bit-encoded range. This leaves the full 16-bit space available for BPv7 use.
- No change is made to the “Specification Required” registration procedure.

What the Changes Look Like

Bundle Protocol Version	Value	Description	Reference
6,7	0	Reserved	[RFC7116]
6,7	1	Bundle status report	[RFC5050] [I-D.ietf-dtn-bpbis]
6	2	Custody signal	[RFC5050]
6,7	3-15	Unassigned	

Bundle Protocol Version	Value	Description	Reference
7	16-65535	Unassigned	
7	greater than 65535	Reserved for Private or Experimental Use	This specification

Next Steps

- Requesting the DTN WG to adopt this document.
- This would eventually be in a cluster with the ACME document registering the new code point.