

TLV-TYPE number assignment

Type	Assigned number (decimal)	Assigned number (hexadecimal)
Packet types		
Interest	5	0x05
Data	6	0x06
Common fields		
Name	7	0x07
GenericNameComponent	8	0x08
ImplicitSha256DigestComponent	1	0x01
Interest packet		
CanBePrefix	33	0x21
MustBeFresh	18	0x12
Nonce	10	0x0a
InterestLifetime	12	0x0c
ForwardingHint	30	0x1e
Parameters	35	0x23
Data packet		
MetaInfo	20	0x14
Content	21	0x15
SignatureInfo	22	0x16
SignatureValue	23	0x17
Data/MetaInfo		
ContentType	24	0x18

TABLE OF CONTENTS

[Introduction \(intro.html\)](#)

[Type-Length-Value \(TLV\)
Encoding \(tlv.html\)](#)

[Name \(name.html\)](#)

[Interest Packet \(interest.html\)](#)

[Data Packet \(data.html\)](#)

[Signature \(signature.html\)](#)

[Link Object \(link.html\)](#)

[TLV-TYPE number
assignment](#)

[TLV-TYPE number
reservations](#)

[Changes \(changelog.html\)](#)

SEARCH

[Go](#)

Enter search terms or a module, class
or function name.

Type	Assigned number (decimal)	Assigned number (hexadecimal)
FreshnessPeriod	25	0x19
FinalBlockId	26	0x1a
Data/Signature		
SignatureType	27	0x1b
KeyLocator	28	0x1c
Link Object		
Delegation	31	0x1f
Preference	30	0x1e

TLV-TYPE number reservations

Number range	Designation
0, 2-4, 34, 36-79	Reserved for future assignments (1-byte encoding)
9	Reserved, formerly <i>Selectors</i>
11	Reserved, formerly <i>Scope</i>
13	Reserved, formerly <i>MinSuffixComponents</i>
14	Reserved, formerly <i>MaxSuffixComponents</i>
15	Reserved, formerly <i>PublisherPublicKeyLocator</i>
16	Reserved, formerly <i>Exclude</i>
17	Reserved, formerly <i>ChildSelector</i>
19	Reserved, formerly <i>Any</i>
29	Reserved, formerly <i>KeyDigest</i>
32	Reserved, formerly <i>SelectedDelegation</i>
80-100	Reserved for assignments related to local link data processing, e.g., NDNLP (https://redmine.named-data.net/projects/nfd/wiki/NDNLPv2), etc. (1-byte encoding)
101-127	Reserved for assignments related to forwarding daemon (1-byte encoding)
128-252	For application use (1-byte encoding)
800-1000	Reserved for assignments related to local link data processing, e.g., NDNLP (https://redmine.named-data.net/projects/nfd/wiki/NDNLPv2), etc. (3-byte encoding)

Number range	Designation
253-799, 1001-32767	Reserved for future assignments (3-byte encoding)
>32767	For application use (3+-byte encoding)

This research is partially supported by NSF (Award CNS-1040868 (http://www.nsf.gov/awardsearch/showAward?AWD_ID=1040868))

Creative Commons Attribution 3.0 Unported License (http://creativecommons.org/licenses/by/3.0/deed.en_US) except where noted.