

SFC Application identification

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Summary

- What is it?

A mechanism to carry application identification (RFC6759) in NSH metadata. Examples: “SNMP” , “telepresence-media”

- Why should you care?

- (One of the most) important use-cases
- Running code
- Extensible
- Easy to integrate into Analytics/Exporters (IPfix)

- References

- <https://tools.ietf.org/html/draft-penno-sfc-appid>

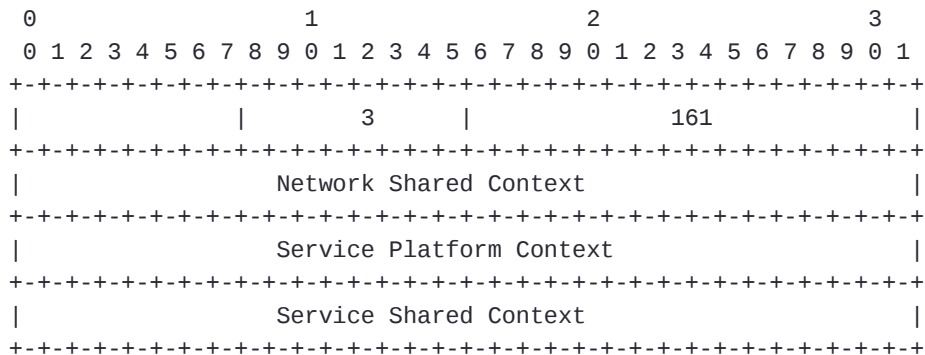
Details

The following table displays the Selector ID default length for the different Classification Engine IDs.

Value	Classification Engine ID Name	Selector ID default length (in bytes)
0	Invalid	
1	IANA-L3	1
2	PANA-L3	1
3	IANA-L4	2
4	PANA-L4	2
6	USER-Defined	3
12	PANA-L2	5
13	PANA-L7	3
18	ETHERTYPE	2
19	LLC	1

...

5. Service Function Chaining Metadata



Details

- Running Code
 - Opendaylight Control Plane
 - Opendaylight Data plane
 - Qosmos Classifier
 - Cisco Service Functions
- Extensible
 - Allow standards (IANA) and private Enterprise extensions
- Integration with Analytics
 - Same format (IPfix) used by Exporters and server