# Communication Profile Selection

## List of available Communication Profiles

CP1 = BTP,GN,ITSG5,CCH

CP2 = BTP,GN,ITSG5,SCH1

CP3 = BTP,GN,ITSG5,SCH2

CP4 = BTP,GN,ITSG5,SCH3

CP5 = BTP,GN,ITSG5,SCH4

CP6 = TCP,IPv6\_GN,ITSG5,CCH

CP7 = TCP,IPv6\_GN,ITSG5,SCH1

CP8 = TCP,IPv6\_GN,ITSG5,SCH2

CP9 = TCP,IPv6\_GN,ITSG5,SCH3

CP10 = TCP,IPv6\_GN,ITSG5,SCH4

CP11 = TCP:UDP,IPv4/v6:DSMIPv4/v6,3G

CP12 = TCP:UDP,IPv6,11n

CP13 = UDP,IPv6,Ethernet

## List of Messages/Requirements in SCOREF

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Message | Relevance | Latency | Reliability | Channel |
| CAM | 0-1 | 0-1 | 0 | CCH |
| DENM | 0-1 | 0-1 | 1 | CCH |
| SAM | 3 | 2 | 2 | CCH |
| TOPO | 2 | 2 | 2 | SCH2 |
| SPAT | 2 | 2 | 2 | SCH2 |
| POI (PDI) | 7 | 3 | 3 | Undefined |
| ESM/SIM/RIM | 7 | 3 | 3 | Undefined |

## Proposed Mapping (in this order)

Relevance <=1, Latency <=1, Reliability <=1 🡺 CP1

Relevance =3, Latency =2, Reliability =2 🡺 CP1 (to accommodate SAM)

Relevance <=3, Latency <=2, Reliability <=2 🡺 CP3

Relevance <=7, Latency <=3, Reliability <=3 🡺 CP11 if IPv6\_Enable\_Flag ON,

CP3 if IPv6\_Enable\_Flag OFF

## New Feature

IPv6\_Enable\_Flag is set in MNGT\_CORE configuration. Default is OFF.