Location Only
(discussion between Nag and Jason)
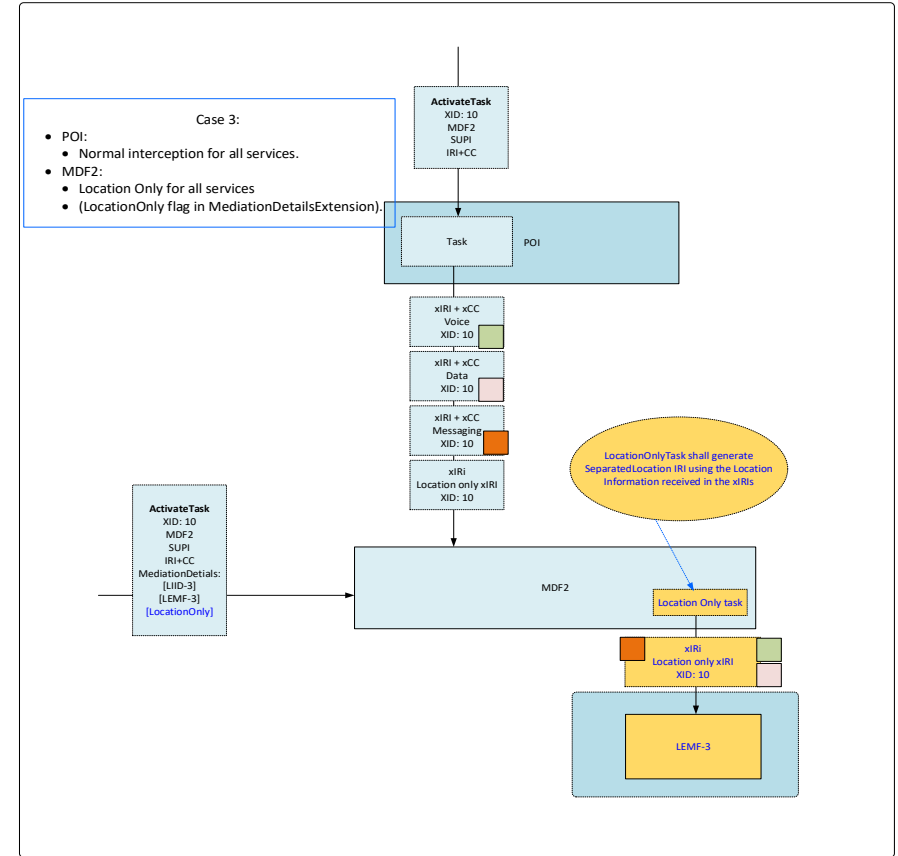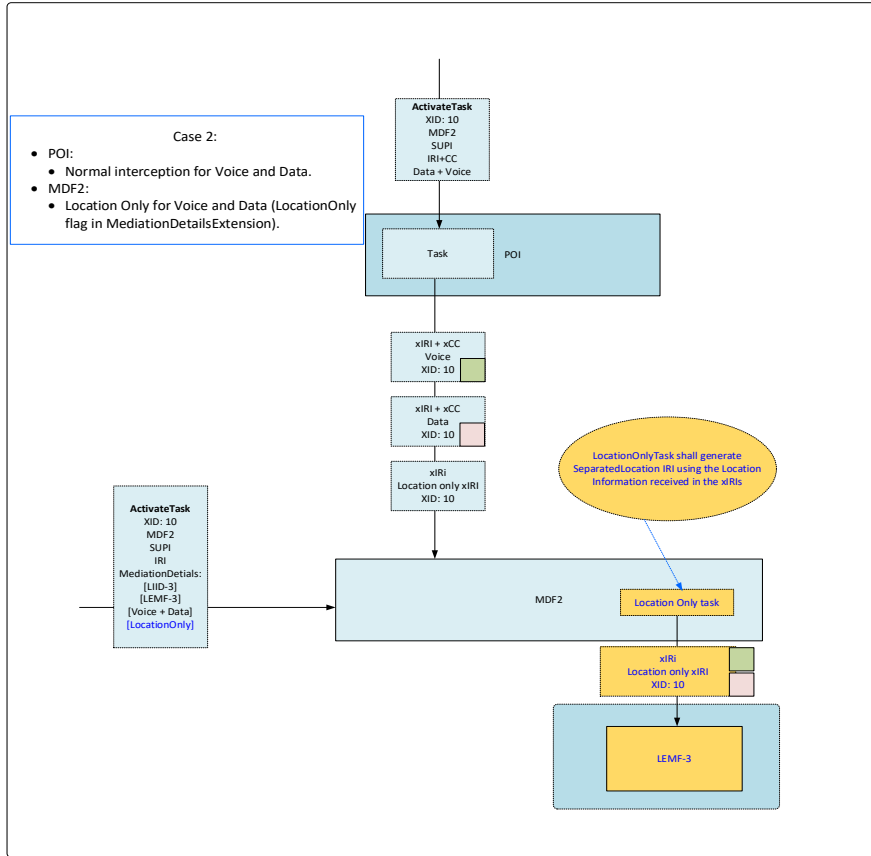
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Case 1: Location Only along with the regular interception (no impacts to the POI).

Case 1:
- POI:
  - Normal interception for Voice and Data.
- MDF2:
  - Voice.
  - Data.
  - Location Only (LocationOnly flag in MediationDetailsExtension).

ActivateTask
XID: 10
MDF2
SUPI
IRI+CC
Data + Voice

Task POI

xIRI + xCC
Voice
XID: 10

xIRI + xCC
Data
XID: 10

xIRi
Location only xIRI
XID: 10

LocationOnlyTask shall generate SeparatedLocation IRI using the Location Information received in the xIRIs

ActivateTask
XID: 10
MDF2
SUPI
IRI+CC
Mediation Details:
[LIID-1]
[LEMF-1]
[Voice]
MediationDetials:
[LIID-2]
[LEMF-2]
[Data]
MediationDetials:
[LIID-3]
[LEMF-3]
[Voice + Data]
[LocationOnly]

MDF2

task

task

Location Only task

xIRI + xCC
Voice
XID: 10

xIRI + xCC
Data
XID: 10

xIRi
Location only xIRI
XID: 10

LEMF-1

LEMF-2

LEMF-3

- The MDF2 shall generate the SeparatedLocationReport IRI from the location information received in the xIRIs.

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Case 2 and Case 3: LocationOnly flag in only in MediationDetailsExtenstion to MDF2

Case 2

- POI:
  - Normal interception for Voice and Data.
- MDF2:
  - Location Only for Voice and Data (LocationOnly flag in MediationDetailsExtension).

ActivateTask
XID: 10
MDF2
SUPI
IRI+CC
Data + Voice

Task   POI

xIRI + xCC
Voice
XID: 10

xIRI + xCC
Data
XID: 10

xIRi
Location only xIRI
XID: 10

LocationOnlyTask shall generate SeparatedLocation IRI using the Location Information received in the xIRIs

ActivateTask
XID: 10
MDF2
SUPI
IRI
MediationDetials:
[LIID-3]
[LEMF-3]
[Voice + Data]
[LocationOnly]

MDF2   Location Only task

xIRi
Location only xIRI
XID: 10

LEMF-3

Case 3

- POI:
  - Normal interception for all services.
- MDF2:
  - Location Only for all services
  - (LocationOnly flag in MediationDetailsExtension).

ActivateTask
XID: 10
MDF2
SUPI
IRI+CC

Task   POI

xIRI + xCC
Voice
XID: 10

xIRI + xCC
Data
XID: 10

xIRI + xCC
Messaging
XID: 10

xIRi
Location only xIRI
XID: 10

LocationOnlyTask shall generate SeparatedLocation IRI using the Location Information received in the xIRIs

ActivateTask
XID: 10
MDF2
SUPI
IRI+CC
MediationDetials:
[LIID-3]
[LEMF-3]
[LocationOnly]

MDF2   Location Only task

xIRi
Location only xIRI
XID: 10

LEMF-3
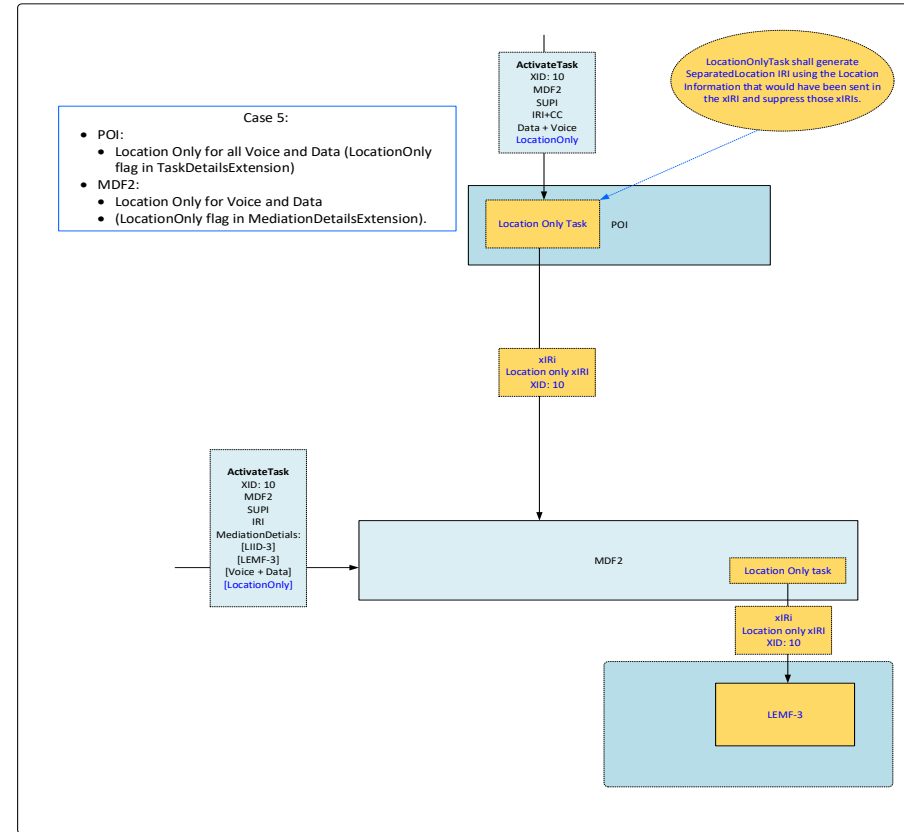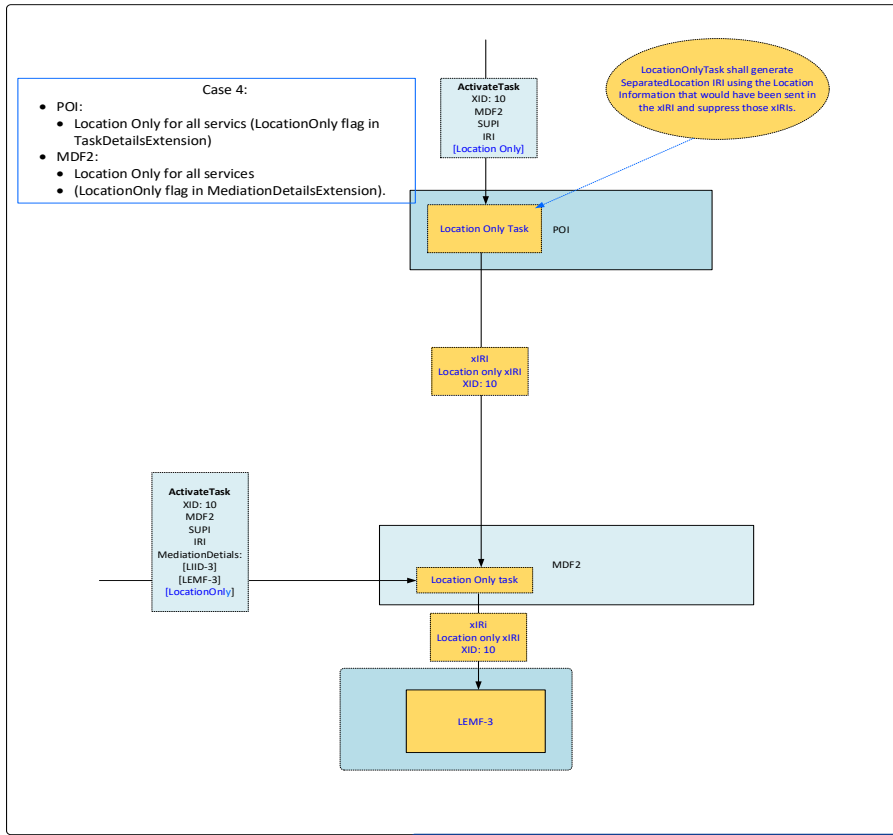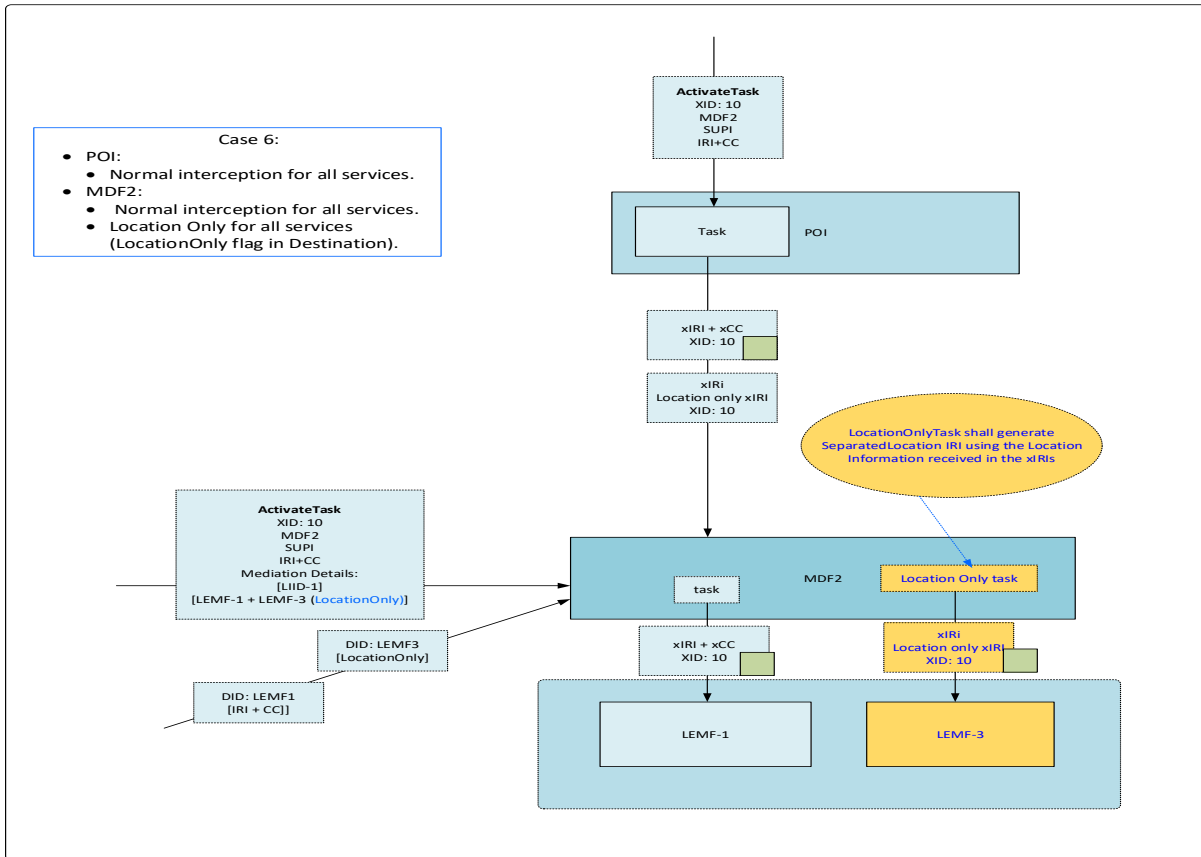
- The MDF2 shall generate the SeparatedLocationReport IRI from the location information received in the xIRIs.

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Case 4 and Case 5: LocationOnly flag in TaskDetailsExtenstion to POIs

Case 4:
- POI:
  - Location Only for all services (LocationOnly flag in TaskDetailsExtension)
- MDF2:
  - Location Only for all services
  - (LocationOnly flag in MediationDetailsExtension).

ActivateTask
XID: 10
MDF2
SUPI
IRI
[Location Only]

LocationOnlyTask shall generate SeparatedLocation IRI using the Location Information that would have been sent in the xIRI and suppress those xIRIs.

Location Only Task   POI

xIRI
Location only xIRI
XID: 10

ActivateTask
XID: 10
MDF2
SUPI
IRI
MediationDetials:
[LIID-3]
[LEMF-3]
[LocationOnly]

Location Only task   MDF2

xIRi
Location only xIRI
XID: 10

LEMF-3

Case 5:
- POI:
  - Location Only for all Voice and Data (LocationOnly flag in TaskDetailsExtension)
- MDF2:
  - Location Only for Voice and Data
  - (LocationOnly flag in MediationDetailsExtension).

ActivateTask
XID: 10
MDF2
SUPI
IRI+CC
Data + Voice
LocationOnly

LocationOnlyTask shall generate SeparatedLocation IRI using the Location Information that would have been sent in the xIRI and suppress those xIRIs.

Location Only Task   POI

xIRI
Location only xIRI
XID: 10

ActivateTask
XID: 10
MDF2
SUPI
IRI
MediationDetials:
[LIID-3]
[LEMF-3]
[Voice + Data]
[LocationOnly]

MDF2   Location Only task

xIRi
Location only xIRI
XID: 10

LEMF-3

- The POI shall generate the SeparatedLocationReport xIRI if location would have been reported in the xIRI and suppress those xIRIs.

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Case 6: LocationOnly flag in Destination Details

ActivateTask
XID: 10
MDF2
SUPI
IRI+CC

Case 6:
- POI:
  - Normal interception for all services.
- MDF2:
  - Normal interception for all services.
  - Location Only for all services (LocationOnly flag in Destination).

Task   POI

xIRI + xCC
XID: 10

xIRi
Location only xIRI
XID: 10

LocationOnlyTask shall generate SeparatedLocation IRI using the Location Information received in the xIRIs

ActivateTask
XID: 10
MDF2
SUPI
IRI+CC
Mediation Details:
[LIID-1]
[LEMF-1 + LEMF-3 (LocationOnly)]

task   MDF2   Location Only task

DID: LEMF3
[LocationOnly]

DID: LEMF1
[IRI + CC]]

xIRI + xCC
XID: 10

xIRi
Location only xIRI
XID: 10

LEMF-1   LEMF-3

- The MDF2 shall generate the SeparatedLocationReport IRI from the location information received in the xIRIs.

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