**3GPP TSG-SA5 Meeting #155 *S5-243418***

**Jeju, South Korea, 27 - 31 May 2024**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **rev** |  | **Current version:** |  |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Correct dataType name in Figure 4.1.2.2.1.1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson, Deutsche Telekom | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI17 | | | | |  | ***Date:*** | | | 2024-05-15 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The dataType name in Figure 4.1.2.2.1.1 is wrong  Plantuml code in Annex D is not reflecting the model in Figure 4.1.2.2.1.1, and 4.1.2.2.2.1 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Change dataType name in Figure 4.1.2.2.1.1  Remove the grey from Figure 4.1.2.2.2.1  Update plantuml code in Annex D.1  Update plantuml code in Annex D.2 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Figures are not aligned with the description which may lead to interoperability issues | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 4.1.2.2.1, 4.1.2.2.2, Annex D.1, Annex D.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**First change**

#### 4.1.2.2.1 Relationships

This clause depicts the set of classes that encapsulates the information relevant for this MnS. This clause provides an overview of the relationships between relevant classes in UML. This clause provides an overview of the relationships between relevant classes in UML. Subsequent clauses provide more detailed specification of various aspects of these classes.

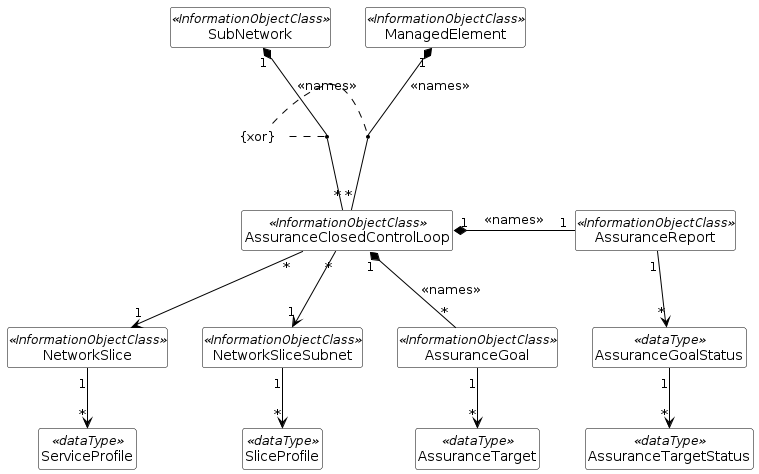


Figure 4.1.2.2.1.1: Assurance management NRM fragment

#### 4.1.2.2.2 Inheritance

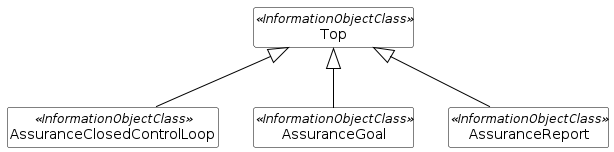


Figure 4.1.2.2.2.1: Assurance management inheritance relationships

**Second change**

Annex D (informative):  
Appendix with UML code for model diagrams

# D.1 UML code for Figure 4.1.2.2.1.1

@startuml

skinparam backgroundColor white

skinparam classBackgroundColor white

skinparam classBorderColor black

skinparam Shadowing false

skinparam noteBackgroundColor white

skinparam noteBorderColor white

skinparam arrowColor black

hide circle

hide members

class SubNetwork <<InformationObjectClass>>

class ManagedElement <<InformationObjectClass>>

class AssuranceClosedControlLoop <<InformationObjectClass>>

class AssuranceReport <<InformationObjectClass>>

class AssuranceGoal <<InformationObjectClass>>

class NetworkSlice <<InformationObjectClass>>

class NetworkSliceSubnet <<InformationObjectClass>>

class ServiceProfile <<dataType>>

class SliceProfile <<dataType>>

class AssuranceTarget <<dataType>>

class AssuranceGoalStatus <<dataType>>

class AssuranceTargetStatus <<dataType>>

SubNetwork "1" \*-- "\*" AssuranceClosedControlLoop: <<names>>

ManagedElement "1" \*-- "\*" AssuranceClosedControlLoop: <<names>>

AssuranceClosedControlLoop "1" \*-- "\*" AssuranceGoal: <<names>>

AssuranceReport "1" -left-\* "1" AssuranceClosedControlLoop: <<names>>

AssuranceReport "1" --> "\*" AssuranceGoalStatus

AssuranceGoalStatus "1" --> "\*" AssuranceTargetStatus

AssuranceGoal "1" --> "\*" AssuranceTarget

AssuranceClosedControlLoop "\*" --> "1" NetworkSlice

NetworkSlice "1" --> "\*" ServiceProfile

AssuranceClosedControlLoop "\*" --> "1" NetworkSliceSubnet

NetworkSliceSubnet "1" --> "\*" SliceProfile

note "{xor}" as Note1

Note1 .. (SubNetwork, AssuranceClosedControlLoop)

Note1 .. (ManagedElement, AssuranceClosedControlLoop)

@enduml

# D.2 UML code for Figure 4.1.2.2.2.1

@startuml

skinparam backgroundColor white

skinparam classBackgroundColor white

skinparam classBorderColor black

skinparam Shadowing false

skinparam noteBackgroundColor white

skinparam noteBorderColor black

skinparam Note1BorderColor red

skinparam arrowColor black

hide circle

hide members

class Top <<InformationObjectClass>>

class AssuranceClosedControlLoop <<InformationObjectClass>>

class AssuranceGoal <<InformationObjectClass>>

class AssuranceReport <<InformationObjectClass>>

Top <|-- AssuranceClosedControlLoop

Top <|-- AssuranceGoal

Top  <|--  AssuranceReport

@enduml

**End of changes**