**3GPP TSG-SA Meeting #88-e *SP-200523***

**Online, 30th Jun 2020 - 3rd Jul 2020**

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| *CR-Form-v11.4* |
| **CHANGE REQUEST** |
|  |
|  | **28.532** | **CR** | **0134** | **rev** | **1** | **Current version:** | **16.3.0** |  |
|  |
| *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:***  | Convert JSON schema to YAML file for perfromance threshold monitoring service |
|  |  |
| ***Source to WG:*** |  |
| ***Source to TSG:*** | Huawei |
|  |  |
| ***Work item code:*** | TEI16 |  | ***Date:*** | 2020-06-22 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-16 |
|  | *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 canbe 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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
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| ***Reason for change:*** | In 3GPP SA5#129 emeeting, the group is agreed to replace JSON with YAML, however, in TS 28.532, the performance threshold monitoring service still using the JSON. |
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| ***Summary of change:*** | Change the JSON schema to YAML file for Rel-16 publication |
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| ***Consequences if not approved:*** | The incosistence of the format for openAPI in TS 28.532 and ETSI forge. |
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| ***Clauses affected:*** |  |
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|  | **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:*** |  |

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| ***This CR's revision history:*** |  |

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| **1st Change** |

## A.4.2 Performance threshold monitoring service

openapi: 3.0.1

info:

 title: TS 28.532 Performance Threshold Monitoring Service

 version: 16.4.0

 description: OAS 3.0.1 specification of the Performance Threshold Monitoring Service

servers:

 - url: 'http://{monitoringNotifTarget}'

 variables:

 monitoringNotifTarget:

 description: >-

 The open API server of the performance threshold monitoring service is

 located in the consumer side, see monitoringNotifTarget attribute of

 the IOC ThresholdMonitor defined in 3GPP TS 28.622 [11].

 default: example.com

paths:

 /notificationSink:

 post:

 summary: Send notifications about performance threshold crossing

 description: To send a notifyThresholdCrossing notification

 requestBody:

 required: true

 content:

 application/json:

 schema:

 $ref: '#/components/schemas/notifyThresholdCrossing-NotifType'

 responses:

 '204':

 description: >-

 Success case ("204 No Content"). The notification is successfully

 delivered. The response message body is absent.

 default:

 description: Error case.

 content:

 application/json:

 schema:

 $ref: '#/components/schemas/error-ResponseType'

components:

 schemas:

 dateTime-Type:

 type: string

 format: date-Time

 uri-Type:

 type: string

 long-Type:

 type: string

 format: long

 thresholdLevel-Type:

 type: integer

 measurementTypeName-Type:

 type: string

 measurementValue-Type:

 type: string

 additionalText-Type:

 type: string

 error-ResponseType:

 type: object

 properties:

 error:

 type: object

 properties:

 errorInfo:

 type: string

 header-Type:

 description: Header used in notifications as notification header

 type: object

 properties:

 uri:

 $ref: '#/components/schemas/uri-Type'

 notificationId:

 $ref: '#/components/schemas/notificationId-Type'

 notificationType:

 $ref: '#/components/schemas/notificationType-Type'

 eventTime:

 $ref: '#/components/schemas/dateTime-Type'

 notificationId-Type:

 $ref: '#/components/schemas/long-Type'

 notificationType-Type:

 type: string

 enum:

 - notifyThresholdCrossing

 notifyThresholdCrossing-NotifType:

 type: object

 properties:

 header:

 $ref: '#/components/schemas/header-Type'

 body:

 type: object

 properties:

 startOfMonitoringGP:

 $ref: '#/components/schemas/dateTime-Type'

 endOfMonitoringGP:

 $ref: '#/components/schemas/dateTime-Type'

 monitoredObjectInstance:

 $ref: '#/components/schemas/uri-Type'

 thresholdLevel:

 $ref: '#/components/schemas/thresholdLevel-Type'

 measurementTypeName:

 $ref: '#/components/schemas/measurementTypeName-Type'

 measurementValue:

 $ref: '#/components/schemas/measurementValue-Type'

 additionalText:

 $ref: '#/components/schemas/additionalText-Type'

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| **End of Change** |