**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 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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***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. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Change the JSON schema to YAML file for Rel-16 publication | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The incosistence of the format for openAPI in TS 28.532 and ETSI forge. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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** |