**3GPP TSG CT WG3 Meeting #134 *C3-242111***

**Changsha, China, 15 - 19 April, 2024 (Revision of C3-242xyz)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **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)*.* | | | | | | | | |
|  | | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Miscellaneous changes | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | AIMLsys | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | |  |
|  | *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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The following informations are missing or not clear:   1. NWADAF analytics usage is not clear 2. QoS reference is indicated without the reference to 23.501. 3. Textual clarifications in the openAPI | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | 1. “AnyUE” usage is explained 2. The application identifity usage is specified for PDTQ between PCF and NWDAF 3. The QoS reference is mentioned explicitly 4. Some of the textual clarification is added. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | There is a misalignment between stage 2 and stage 3 specfications. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.2.2.2.2, 6.1.6.2.2, A.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 introduces backward compatible changes to the OpenAPI definition of the Npcf\_PDTQPolicyControl API. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

\* \* \* \* First Change \* \* \* \*

##### 5.2.2.2.2 Retrieval of PDTQ policies

This procedure is used by the NF service consumer to request PDTQ policies from the PCF, as defined in 3GPP TS 23.501 [2], 3GPP TS 23.502 [3] and 3GPP TS 23.503 [14].

Figure 5.2.2.2.2-1 illustrates retrieval of PDTQ policies.



Figure 5.2.2.2.2-1: Retrieval of PDTQ policies

In order to get PDTQ policies, the NF service consumer shall invoke the Npcf\_PDTQPolicyControl\_Create service operation by sending an HTTP POST request to the URI representing a "PDTQ policies" collection resource of the PCF (as shown in figure 5.2.2.2.2-1, step 1). The NF service consumer shall include in a body of the HTTP POST request a PdtqPolicyData data type which shall contain:

a) an ASP identifier in the "aspId" attribute;

b) an expected number of UEs in the "numOfUes" attribute;

c) a list of desired time windows in the "desTimeInts" attribute;

d) requested QoS requirements provided as a QoS Reference in the "qosReference" attribute or as a QoS parameter set in the "qosParamSet" attribute that shall contain one or more of the following individual QoS parameters:

1) Priority Level in the "priorLevel" attribute;

2) Maximum Burst Size:

A) if the Maximum Burst Size value is greater than 4095 Bytes in the "extMaxBurstSize" attribute; or

B) if the Maximum Burst Size value is lower than or equal to 4095 Bytes in the "maxBurstSize" attribute;

3) 5GS Delay in the "pdb" attribute;

4) Maximum Bitrate in downlink and/or uplink directions in the "maxBitRateDl" and/or "maxBitRateUl" attributes;

5) Guaranteed Flow Bitrate in downlink and/or uplink directions in the "gfbrDl" and/or "gfbrUl" attributes; and

6) Packet Error Rate in the "per" attribute,

and may contain:

a) a network area information (e.g. list of TAIs and/or list of NG-RAN nodes and/or list of cells identifiers) in the "nwAreaInfo" attribute;

b) an application identifier in the "appId" attribute;

c) a DNN corresponding to the ASP identifier in the "dnn" attribute;

d) an S-NSSAI corresponding to the ASP identifier in the "snssai" attribute;

e) alternative service requirements provided as:

1) one or more alternative QoS References in a prioritized order in the "altQosRefs" attribute; or

2) one or more alternative QoS Parameter Sets in a prioritized order in the "altQosParamSets" attribute which shall contain one or more of the following individual QoS parameters:

A) 5GS Delay in the "pdb" attribute;

B) Guaranteed Flow Bitrate in downlink and/or uplink directions in the "gfbrDl" and/or "gfbrUl" attributes; and

C) Packet Error Rate in the "per" attribute; and

f) a notification URI in the "notifUri" attribute and a request to enable a PDTQ warning notification for the planned data transfer with QoS requirements in the "warnNotifReq" attribute.

NOTE 1: The PCF can be configured to map the ASP identifier to a target DNN and S-NSSAI if the NF service consumer did not provide the DNN, S-NSSAI to the PCF.

Upon the reception of the HTTP POST request from the NF service consumer indicating a PDTQ policies request, the PCF:

a) shall invoke the Nudr\_DataRepository\_Query service operation, as described in 3GPP TS 29.504 [16] and 3GPP TS 29.519 [17], to request from the UDR all existing PDTQ policies;

b) may invoke the Nnwdaf\_EventsSubscription\_Subscribe service operation and/or the Nnwdaf\_AnalyticsInfo\_Request service operation as described in 3GPP TS 29.520 [18], to get from the NWDAF the Network Performance analytics and/or the DN Performance analytics;

NOTE 2: Whether the PCF subscribes to Network Performance analytics and/or DN Performance analytics is based on PCF configuration.

c) shall determine one or more acceptable PDTQ policy based on:

1) information provided by the NF service consumer; and

2) other available information (e.g. the network analytics related to "Network Performance" or "DN Performance", the existing PDTQ policies, the network policy);

d) shall create a PDTQ Reference ID;

e) shall send to the NF service consumer a "201 Created" response to the HTTP POST request, as shown in figure 5.2.2.2.2-1, step 2. The PCF shall include in the "201 Created" response a Location header field containing the URI of the created "Individual PDTQ policy" resource, and the response body with a PdtqPolicyData data type which shall contain:

1) acceptable PDTQ policy(ies) in the "pdtqPolicies" attribute. For each included PDTQ policy, the PCF shall provide:

A) an identity of a PDTQ policy represented as an integer value greater than zero in the "pdtqPolicyId" attribute; and

B) recommended time window in the "recTimeInt" attribute; and

2) the PDTQ Reference ID in the "pdtqRefId" attribute; or

f) if the PCF cannot successfully fulfil the received HTTP POST request due to the internal PCF error or due to the error in the HTTP POST request, shall send the HTTP error response as specified in clause 6.1.7.

If the PCF included in the PdtqPolicyData data type:

- more than one PDTQ policy, the PCF shall wait for an indication about selected PDTQ policy from the NF service consumer as described in clause 5.2.2.3.2; or

- only one PDTQ policy, the PCF shall invoke the Nudr\_DataRepository\_Update service operation, as described in 3GPP TS 29.504 [16] and 3GPP TS 29.519 [17], to update the UDR with the selected PDTQ policy, the corresponding PDTQ Reference ID, the expected number of UEs, the list of desired time windows, the QoS Reference or individual QoS parameters, whether the AF accepts PDTQ policy renegotiation and, if available, the network area information and the alternative service requirements listed in a prioritized order for the provided ASP identifier.

\* \* \* \* Next changes \* \* \* \*

##### 6.1.6.2.2 Type: PdtqPolicyData

Table 6.1.6.2.2-1: Definition of type PdtqPolicyData

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| altQosParamSets | array(AltQosParamSet) | O | 1..N | This IE contains the alternative QoS requirements expressed as the list of individual QoS parameter sets in a prioritized order.  The lower the index of the array for a given entry, the higher the priority.  (NOTE 4) |  |
| altQosRefs | array(string) | O | 1..N | This IE contains the alternative QoS requirements expressed as the list of QoS References in a prioritized order.  The lower the index of the array for a given entry, the higher the priority.  (NOTE 3) |  |
| appId | ApplicationId | O | 0..1 | This IE contains an application identifier. |  |
| aspId | string | M | 1 | This IE contains an identity of an application service provider. |  |
| desTimeInts | array(TimeWindow) | M | 1..N | This IE contains a list of desired time windows for PDTQ. |  |
| dnn | Dnn | O | 0..1 | This IE identifies a DNN. A full DNN with both the Network Identifier and Operator Identifier, or a DNN with the Network Identifier only.  (NOTE 1) |  |
| notifUri | Uri | O | 0..1 | This IE contains an URI of the recipient of the PDTQ notification. |  |
| nwAreaInfo | NetworkAreaInfo | O | 0..1 | This IE represents a network area information in which the NF service consumer requests a number of UEs. |  |
| numOfUes | integer | M | 1 | This IE indicates a number of UEs. |  |
| pdtqPolicies | array(PdtqPolicy) | O | 1..N | This IE contains the list of PDTQ policies. |  |
| pdtqRefId | PdtqReferenceId | O | 0..1 | This IE identifies PDTQ policies of planned data transfer with QoS requirements for provided ASP. |  |
| qosParamSet | QosParameterSet | C | 0..1 | This IE contains the requested QoS requirements expressed as one or more individual QoS parameters.  (NOTE 2) |  |
| qosReference | string | C | 0..1 | This IE contains the requested QoS requirements expressed as the QoS Reference which represents a pre-defined QoS information.  (NOTE 2) |  |
| selPdtqPolicyId | integer | O | 0..1 | This IE contains the identity of the selected PDTQ policy.  (NOTE 5) |  |
| snssai | Snssai | O | 0..1 | This IE identifies a slice. |  |
| suppFeat | SupportedFeatures | O | 0..1 | This IE represents a list of Supported features used as described in clause 6.1.8. |  |
| warnNotifReq | boolean | O | 0..1 | This IE indicates whether the PDTQ warning notification is enabled or disabled.  true: enabled;  false: disabled (default). |  |
| NOTE 1: The PCF uses the DNN as received from the NF service consumer without applying any transformation. To successfully perform DNN matching, in a specific deployment a DNN shall always be encoded either with the full DNN (e.g., because there are multiple Operator Identifiers for a Network Identifier) or the DNN Network Identifier only. The NF service consumer may include the DNN Operator Identifier based on local configuration.  NOTE 2: Either the "qosReference" attribute or the "qosParamSet" attribute shall be included.  NOTE 3: The "altQosRefs" attribute may be included only if the ""qosReference" attribute is included.  NOTE 4: The "altQosParamSets" attribute may be included only if the "qosParamSet" attribute is included.  NOTE 5: The value "0" indicates that no PDTQ policy is selected. | | | | | |

\* \* \* \* Next changes \* \* \* \*

# A.2 Npcf\_PDTQPolicyControl API

openapi: 3.0.0

info:

title: Npcf\_PDTQPolicyControl API

version: 1.0.0-alpha.6

description: |

PCF PDTQ Policy Control service.

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externalDocs:

description: 3GPP TS 29.543 V18.0.0; 5G System; Data Transfer Policy Control Services; Stage 3.

url: 'https://www.3gpp.org/ftp/Specs/archive/29\_series/29.543/'

servers:

- url: '{apiRoot}/npcf-pdtq-policy-control/v1'

variables:

apiRoot:

default: https://example.com

description: apiRoot as defined in clause 4.4 of 3GPP TS 29.501.

security:

- {}

- oAuth2ClientCredentials:

- npcf-pdtq-policy-control

paths:

/pdtq-policies:

post:

summary: Creates a new Individual PDTQ policy resource.

operationId: CreatePDTQPolicy

tags:

- PDTQ policies (Collection)

requestBody:

description: >

Contains information for the creation of a new Individual PDTQ policy resource.

required: true

content:

application/json:

schema:

$ref: '#/components/schemas/PdtqPolicyData'

responses:

'201':

description: >

Created, an Individual PDTQ policy resource and a representation of that

resource is returned.

content:

application/json:

schema:

$ref: '#/components/schemas/PdtqPolicyData'

headers:

Location:

description: >

Contains the URI of the created Individual PDTQ policy resource,

according to the structure

{apiRoot}/npcf-pdtq-policy-control/v1/pdtq-policies/{pdtqPolicyId}

required: true

schema:

type: string

'400':

$ref: 'TS29571\_CommonData.yaml#/components/responses/400'

'401':

$ref: 'TS29571\_CommonData.yaml#/components/responses/401'

'403':

$ref: 'TS29571\_CommonData.yaml#/components/responses/403'

'404':

$ref: 'TS29571\_CommonData.yaml#/components/responses/404'

'411':

$ref: 'TS29571\_CommonData.yaml#/components/responses/411'

'413':

$ref: 'TS29571\_CommonData.yaml#/components/responses/413'

'415':

$ref: 'TS29571\_CommonData.yaml#/components/responses/415'

'429':

$ref: 'TS29571\_CommonData.yaml#/components/responses/429'

'500':

$ref: 'TS29571\_CommonData.yaml#/components/responses/500'

'502':

$ref: 'TS29571\_CommonData.yaml#/components/responses/502'

'503':

$ref: 'TS29571\_CommonData.yaml#/components/responses/503'

default:

$ref: 'TS29571\_CommonData.yaml#/components/responses/default'

callbacks:

PDTQNotification:

'{$request.body#/notifUri}':

post:

requestBody:

required: true

content:

application/json:

schema:

$ref: '#/components/schemas/Notification'

responses:

'204':

description: >

No Content, the reception of a PDTQ warning notification is acknowledged.

'307':

$ref: 'TS29571\_CommonData.yaml#/components/responses/307'

'308':

$ref: 'TS29571\_CommonData.yaml#/components/responses/308'

'400':

$ref: 'TS29571\_CommonData.yaml#/components/responses/400'

'401':

$ref: 'TS29571\_CommonData.yaml#/components/responses/401'

'403':

$ref: 'TS29571\_CommonData.yaml#/components/responses/403'

'404':

$ref: 'TS29571\_CommonData.yaml#/components/responses/404'

'411':

$ref: 'TS29571\_CommonData.yaml#/components/responses/411'

'413':

$ref: 'TS29571\_CommonData.yaml#/components/responses/413'

'415':

$ref: 'TS29571\_CommonData.yaml#/components/responses/415'

'429':

$ref: 'TS29571\_CommonData.yaml#/components/responses/429'

'500':

$ref: 'TS29571\_CommonData.yaml#/components/responses/500'

'502':

$ref: 'TS29571\_CommonData.yaml#/components/responses/502'

'503':

$ref: 'TS29571\_CommonData.yaml#/components/responses/503'

default:

$ref: 'TS29571\_CommonData.yaml#/components/responses/default'

/pdtq-policies/{pdtqPolicyId}:

get:

summary: Reads an Individual PDTQ policy resource.

operationId: GetIndPDTQPolicy

tags:

- Individual PDTQ policy (Document)

parameters:

- name: pdtqPolicyId

description: String identifying the individual PDTQ policy resource in the PCF.

in: path

required: true

schema:

type: string

responses:

'200':

description: OK, a representation of an Individual PDTQ policy resource is returned.

content:

application/json:

schema:

$ref: '#/components/schemas/PdtqPolicyData'

'307':

$ref: 'TS29571\_CommonData.yaml#/components/responses/307'

'308':

$ref: 'TS29571\_CommonData.yaml#/components/responses/308'

'400':

$ref: 'TS29571\_CommonData.yaml#/components/responses/400'

'401':

$ref: 'TS29571\_CommonData.yaml#/components/responses/401'

'403':

$ref: 'TS29571\_CommonData.yaml#/components/responses/403'

'404':

$ref: 'TS29571\_CommonData.yaml#/components/responses/404'

'406':

$ref: 'TS29571\_CommonData.yaml#/components/responses/406'

'429':

$ref: 'TS29571\_CommonData.yaml#/components/responses/429'

'500':

$ref: 'TS29571\_CommonData.yaml#/components/responses/500'

'502':

$ref: 'TS29571\_CommonData.yaml#/components/responses/502'

'503':

$ref: 'TS29571\_CommonData.yaml#/components/responses/503'

default:

$ref: 'TS29571\_CommonData.yaml#/components/responses/default'

patch:

summary: Modifies an existing Individual PDTQ policy resource.

operationId: ModifyIndPDTQPolicy

tags:

- Individual PDTQ policy (Document)

parameters:

- name: pdtqPolicyId

description: String identifying the individual PDTQ policy resource in the PCF.

in: path

required: true

schema:

type: string

requestBody:

description: >

Contains modifications that shall be applied on the existing Individual PDTQ

policy resource.

required: true

content:

application/merge-patch+json:

schema:

$ref: '#/components/schemas/PdtqPolicyPatchData'

responses:

'200':

description: >

OK, the Individual PDTQ policy resource is modified and a representation of

that resource is returned.

content:

application/json:

schema:

$ref: '#/components/schemas/PdtqPolicyData'

'204':

description: No Content, the Individual PDTQ policy resource is modified.

'307':

$ref: 'TS29571\_CommonData.yaml#/components/responses/307'

'308':

$ref: 'TS29571\_CommonData.yaml#/components/responses/308'

'400':

$ref: 'TS29571\_CommonData.yaml#/components/responses/400'

'401':

$ref: 'TS29571\_CommonData.yaml#/components/responses/401'

'403':

$ref: 'TS29571\_CommonData.yaml#/components/responses/403'

'404':

$ref: 'TS29571\_CommonData.yaml#/components/responses/404'

'411':

$ref: 'TS29571\_CommonData.yaml#/components/responses/411'

'413':

$ref: 'TS29571\_CommonData.yaml#/components/responses/413'

'415':

$ref: 'TS29571\_CommonData.yaml#/components/responses/415'

'429':

$ref: 'TS29571\_CommonData.yaml#/components/responses/429'

'500':

$ref: 'TS29571\_CommonData.yaml#/components/responses/500'

'502':

$ref: 'TS29571\_CommonData.yaml#/components/responses/502'

'503':

$ref: 'TS29571\_CommonData.yaml#/components/responses/503'

default:

$ref: 'TS29571\_CommonData.yaml#/components/responses/default'

components:

securitySchemes:

oAuth2ClientCredentials:

type: oauth2

flows:

clientCredentials:

tokenUrl: '{nrfApiRoot}/oauth2/token'

scopes:

npcf-pdtq-policy-control: Access to the Npcf\_PDTQPolicyControl API

schemas:

# Structured data types

PdtqPolicyData:

description: Describes an Individual PDTQ policy resource.

type: object

required:

- aspId

- desTimeInts

- numOfUes

oneOf:

- required: [qosReference]

- required: [qosParamSet]

properties:

altQosParamSets:

description: >

Contains the alternative QoS requirements expressed as the list of individual

QoS parameter sets in a prioritized order. The lower the index of the array for

a given entry, the higher the priority.

type: array

items:

$ref: '#/components/schemas/AltQosParamSet'

minItems: 1

altQosRefs:

description: >

Contains the alternative QoS requirements expressed as the list of QoS References

in a prioritized order. The lower the index of the array for a given entry, the

higher the priority.

type: array

items:

type: string

minItems: 1

appId:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/ApplicationId'

aspId:

description: Contains an identity of an application service provider.

type: string

desTimeInts:

description: Contains a list of desired time windows for PDTQ.

type: array

items:

$ref: 'TS29122\_CommonData.yaml#/components/schemas/TimeWindow'

minItems: 1

dnn:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/Dnn'

notifUri:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/Uri'

nwAreaInfo:

$ref: 'TS29554\_Npcf\_BDTPolicyControl.yaml#/components/schemas/NetworkAreaInfo'

numOfUes:

description: Indicates a number of UEs.

type: integer

pdtqPolicies:

description: Contains PDTQ policies.

type: array

items:

$ref: '#/components/schemas/PdtqPolicy'

minItems: 1

pdtqRefId:

$ref: '#/components/schemas/PdtqReferenceId'

qosParamSet:

$ref: '#/components/schemas/QosParameterSet'

qosReference:

description: >

Contains the requested QoS requirements expressed as the QoS Reference which

represents a pre-defined QoS information.

type: string

selPdtqPolicyId:

description: Contains the identity of the selected PDTQ policy.

type: integer

snssai:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/Snssai'

suppFeat:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

warnNotifReq:

description: >

Indicates whether the PDTQ warning notification is enabled (true) or

disabled (false). Default value is false.

type: boolean

default: false

QosParameterSet:

description: >

Contains the QoS requirements expressed as one or more individual QoS parameters.

type: object

properties:

extMaxBurstSize:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/ExtMaxDataBurstVol'

gfbrDl:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/BitRate'

gfbrUl:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/BitRate'

maxBitRateDl:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/BitRate'

maxBitRateUl:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/BitRate'

maxBurstSize:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/MaxDataBurstVol'

pdb:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/PacketDelBudget'

per:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/PacketErrRate'

priorLevel:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/5QiPriorityLevel'

AltQosParamSet:

description: >

Contains the alternative QoS requirements expressed as the list of individual QoS

parameter sets.

type: object

properties:

gfbrDl:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/BitRate'

gfbrUl:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/BitRate'

pdb:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/PacketDelBudget'

per:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/PacketErrRate'

PdtqPolicy:

description: Describes a PDTQ policy.

type: object

required:

- pdtqPolicyId

- recTimeInt

properties:

pdtqPolicyId:

description: Contains an identity of a PDTQ policy.

type: integer

recTimeInt:

$ref: 'TS29122\_CommonData.yaml#/components/schemas/TimeWindow'

PdtqPolicyPatchData:

description: Represents modifications of an Individual PDTQ policy resource.

type: object

properties:

notifUri:

$ref: 'TS29571\_CommonData.yaml#/components/schemas/Uri'

selPdtqPolicyId:

description: Contains the identity of the selected PDTQ policy.

type: integer

warnNotifReq:

description: >

Indicates whether the PDTQ warning notification is enabled (true) or

disabled (false).

type: boolean

Notification:

description: Contains the PDTQ notification information.

type: object

required:

- pdtqRefId

- candPolicies

properties:

pdtqRefId:

$ref: '#/components/schemas/PdtqReferenceId'

candPolicies:

description: >

Contains a list of the candidate PDTQ policies from which the AF may select a new

PDTQ policy.

type: array

items:

$ref: '#/components/schemas/PdtqPolicy'

minItems: 1

# Simple data types

PdtqReferenceId:

description: Represents a PTDQ Reference ID.

type: string

\* \* \* \* End of Changes \* \* \* \*