



# Nudm PP

---

- [OpenAPI, on page 1](#)
- [Info, on page 1](#)
- [Servers, on page 1](#)
- [Security, on page 1](#)
- [Paths, on page 2](#)
- [Components, on page 2](#)
- [External Docs, on page 4](#)

## OpenAPI

OpenAPI Version: 3.0.0

## Info

**Version:** '1.0.0'  
**Title:** 'Nudm\_PP'  
**Description:** 'Nudm Parameter Provision Service'

## Servers

**URL:** '{apiRoot}/nudm-pp/v1'  
**Variables:**  
  **API Root:**  
    **Default:** https://example.com  
    **Description:** apiRoot as defined in subclause subclause 4.4 of 3GPP TS 29.501.

## Security

- oAuth2ClientCredentials:

```
- nudm-pp
- {}
```

## Paths

### /gpsi/pp-data

```
patch:
  Summary: provision parameters
  Operation ID: Update

  Tags:
    - Subscription Data Update

  Parameters:
    - Name: gpsi
      In: path
      Description: Identifier of the UE
      Required/Optional: true
      Schema:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/Gpsi'

  Request Body:
    Content:
      application/merge-patch+json:
        Schema:
          Reference: '#/components/schemas/PpData'
        Required/Optional: true

  Responses:
    '204':
      Description: Expected response to a valid request
    '400':
      Reference: 'TS29571_CommonData.yaml#/components/responses/400'
    '403':
      Reference: 'TS29571_CommonData.yaml#/components/responses/403'
    '404':
      Reference: 'TS29571_CommonData.yaml#/components/responses/404'
    '500':
      Reference: 'TS29571_CommonData.yaml#/components/responses/500'
    '503':
      Reference: 'TS29571_CommonData.yaml#/components/responses/503'

  Default:
    Description: Unexpected error
```

## Components

```
securitySchemes:
```

```

oAuth2ClientCredentials:
  Type: oauth2
  Flows:
    clientCredentials:
      tokenUrl: '{nrfApiRoot}/oauth2/token'
      scopes:
        nudm-pp: Access to the nudm-pp API

schemas:
# COMPLEX TYPES:
PpData:
  Type: object
  Properties:
    communicationCharacteristics:
      Reference: '#/components/schemas/CommunicationCharacteristics'
    supportedFeatures:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'
CommunicationCharacteristics:
  Type: object
  Properties:
    ppSubsRegTimer:
      Reference: '#/components/schemas/PpSubsRegTimer'
    ppActiveTime:
      Reference: '#/components/schemas/PpActiveTime'
    ppDlPacketCount:
      Reference: '#/components/schemas/PpDlPacketCount'
PpSubsRegTimer:
  Type: object
  Required:
    - subsRegTimer
    - afInstanceId
    - referenceId
  Properties:
    subsRegTimer:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/DurationSec'
    afInstanceId:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/NfInstanceId'
    referenceId:
      Reference: '#/components/schemas/ReferenceId'
  nullable: true
PpActiveTime:
  Type: object
  Required:
    - activeTime
    - afInstanceId
    - referenceId
  Properties:
    activeTime:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/DurationSec'
    afInstanceId:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/NfInstanceId'
    referenceId:
      Reference: '#/components/schemas/ReferenceId'

```

```
    nullable: true
# SIMPLE TYPES:
ReferenceId:
  Type: integer
PpDlPacketCount:
  Type: integer
  nullable: true
# ENUMS:
```

## External Docs

**Description:** 3GPP TS 29.503 Unified Data Management Services, version 15.2.1  
**URL:** '[http://www.3gpp.org/ftp/Specs/archive/29\\_series/29.503/](http://www.3gpp.org/ftp/Specs/archive/29_series/29.503/)'