



# Nnwdaf AnalyticsInfo

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- [OpenAPI, on page 1](#)
- [Info, on page 1](#)
- [Servers, on page 1](#)
- [Security, on page 1](#)
- [Paths, on page 2](#)
- [Components, on page 3](#)
- [External Docs, on page 4](#)

## OpenAPI

OpenAPI Version: 3.0.0

## Info

**Description:** Nnwdaf\_AnalyticsInfo Service API

**Version:** "1.0.0"

**Title:** Nnwdaf\_AnalyticsInfo

## Servers

**URL:** '{apiRoot}/nnwdaf-analyticsinfo/v1'

**Variables:**

**API Root:**

**Default:** https://example.com

**Description:** apiRoot as defined in subclause 4.4 of 3GPP TS 29.501.

## Security

- {}

- oAuth2ClientCredentials:
- nnwdaf-analyticsinfo

# Paths

## /analytics

### get:

#### Parameters:

- **Name:** event-id  
**In:** query  
**Description:** Identify the analytics.  
**Required/Optional:** true  
**Schema:**  
**Reference:** '#/components/schemas/EventId'
- **Name:** event-filter  
**In:** query  
**Description:** Identify the analytics when the eventId is "Load\_Level\_Information".  
**Required/Optional:** false  
**Schema:**  
**Reference:** '#/components/schemas/EventFilter'
- **Name:** supported-features  
**In:** query  
**Description:** To filter irrelevant responses related to unsupported features  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

#### Responses:

- '200':  
**Description:** The individual PCF session binding session binding information resource matching the query parameter(s) is returned.  
**Content:**  
**Application/JSON:**  
**Schema:**  
**Reference:** '#/components/schemas/AnalyticsData'
- '400':  
**Reference:** 'TS29571\_CommonData.yaml#/components/responses/400'
- '401':  
**Reference:** 'TS29571\_CommonData.yaml#/components/responses/401'
- '403':  
**Reference:** 'TS29571\_CommonData.yaml#/components/responses/403'
- '404':  
**Description:** Indicates that the NWDAF Analytics resource does not exist.  
**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

```

'406':
  Reference: 'TS29571_CommonData.yaml#/components/responses/406'
'414':
  Reference: 'TS29571_CommonData.yaml#/components/responses/414'
'429':
  Reference: 'TS29571_CommonData.yaml#/components/responses/429'
'500':
  Reference: 'TS29571_CommonData.yaml#/components/responses/500'
'503':
  Reference: 'TS29571_CommonData.yaml#/components/responses/503'
Default:
  Reference: 'TS29571_CommonData.yaml#/components/responses/default'

```

## Components

```

securitySchemes:
  oAuth2ClientCredentials:
    Type: oauth2
    Flows:
      clientCredentials:
        tokenUrl: '{nrfApiRoot}/oauth2/token'
        scopes:
          nnwdaf-analyticsinfo: Access to the Nnwdaf_AnalyticsInfo API

schemas:
  AnalyticsData:
    Type: object
    Properties:
      sliceLoadLevelInfos:
        Type: array
        Items:
          Reference:
            'TS29520_Nnwdaf_EventsSubscription.yaml#/components/schemas/SliceLoadLevelInformation'
          minItems: 1
          Description: The slices and there load level information.
  EventFilter:
    Type: object
    Properties:
      anySlice:
        Reference: 'TS29520_Nnwdaf_EventsSubscription.yaml#/components/schemas/AnySlice'

  snssais:
    Type: array
    Items:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/Snssai'
    minItems: 1
    Description: Identification(s) of network slice to which the subscription belongs.
    When eventId is "Load_level_Information", either information about slice(s) identified by
    snssai, or anySlice set to "TRUE" shall be included.
  not:

```

**Required:** [anySlice, snssais]

**EventId:**

**anyOf:**

- type: string

**enum:**

- LOAD\_LEVEL\_INFORMATION

- type: string

**Description:**

This string provides forward-compatibility with future extensions to the enumeration but is not used to encode content defined in the present version of this API.

**Description:**

Possible values are

- LOAD\_LEVEL\_INFORMATION: Represent the analytics of load level information of corresponding network slice instance.

## External Docs

**Description:** 3GPP TS 29.520 V15.2.0; 5G System; Network Data Analytics Services.

**URL:** 'http://www.3gpp.org/ftp/Specs/archive/29\_series/29.520/'