



N5g-eir EquipmentIdentityCheck

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OpenAPI

OpenAPI Version: 3.0.0

Info

Version: '1.0.0'
Title: '5G-EIR Equipment Identity Check'
Description: '5G-EIR Equipment Identity Check Service'

Servers

URL: '{apiRoot}/n5g-eir-eic/v1'
Variables:
 API Root:
 Default: https://example.com
 Description: apiRoot as defined in subclause subclause 4.4 of 3GPP TS 29.501

Security

- {}

```
- oAuth2ClientCredentials:  
  - n5g-eir-eic
```

Paths

/equipment-status

get:

Summary: Retrieves the status of the UE

Operation ID: GetEquipmentStatus

Tags:

- Equipment Status (Document)

Parameters:

- **Name:** pei

In: query

Description: PEI of the UE

Required/Optional: true

Schema:

Reference: '#/components/schemas/Pei'

- **Name:** supi

In: query

Description: SUPI of the UE

Required/Optional: false

Schema:

Reference: '#/components/schemas/Supi'

Responses:

'200':

Description: Expected response to a valid request

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/EirResponseData'

'400':

Reference: 'TS29571_CommonData.yaml#/components/responses/400'

'401':

Reference: 'TS29571_CommonData.yaml#/components/responses/401'

'404':

Description: PEI Not Found

Content:

application/problem+json:

Schema:

Reference: '#/components/schemas/ProblemDetails'

'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:
  Description: Unexpected error
  Content:
    application/problem+json:
      Schema:
        Reference: '#/components/schemas/ProblemDetails'

```

Components

```

securitySchemes:
  oAuth2ClientCredentials:
    Type: oauth2
    Flows:
      clientCredentials:
        tokenUrl: '{nrfApiRoot}/oauth2/token'
        scopes:
          n5g-eir-eic: Access to the N5g-eir_EquipmentIdentityCheck API

schemas:
  EirResponseData:
    Type: object
    Required:
      - status
    Properties:
      status:
        Reference: '#/components/schemas/EquipmentStatus'
  Pei:
    Type: string
    Pattern: "([0-9]{14})"
  Supi:
    Type: string
    Pattern: "(imsi-[0-9]{5,15}|nai-.+)"
  EquipmentStatus:
    Type: string
    enum:
      - WHITELISTED
      - BLACKLISTED
      - GREYLISTED
  ProblemDetails:
    Description: 'https://www.rfc-editor.org/rfc/rfc7807.txt'
    Type: object
    Required:
      - type
    Properties:
      Type:
        Type: string

```

```
title:
  Type: string
status:
  Type: integer
detail:
  Type: string
instance:
  Type: string
```

External Docs

Description: 3GPP TS 29.511 V15.2.0; 5G System; Equipment Identity Register Services; Stage 3
URL: 'http://www.3gpp.org/ftp/Specs/archive/29_series/29.511/'