



Equipment Identity Register

EIR allows the AMF to interact with EIR to validate the UE identity during the UE registration procedure.

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OpenAPI

OpenAPI Version: 3.0.0

Info

Version: '1.1.1'

Title: '5G-EIR Equipment Identity Check'

Description: |

5G-EIR Equipment Identity Check Service.

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Servers

URL: '{apiRoot}/n5g-eir-eic/v1'

Variables:

API Root:

Default: https://example.com

Description: apiRoot as defined in clause 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: 'TS29571_CommonData.yaml#/components/schemas/Pei'

- **Name:** supi

In: query

Description: SUPI of the UE

Required/Optional: false

Schema:

Reference: 'TS29571_CommonData.yaml#/components/schemas/Supi'

- **Name:** gpsi

In: query

Description: GPSI of the UE

Required/Optional: false

Schema:

Reference: 'TS29571_CommonData.yaml#/components/schemas/Gpsi'

- **Name:** supported-features

In: query

Description: supported features of the NF consumer

Schema:

Reference: 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'

Responses:

'200':

Description: Expected response to a valid request

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/EirResponseData'

'307':

Description: temporary redirect

Headers:**Location:**

Description: 'An alternative URI of the resource located on an alternative service instance within the same 5G-EIR or 5G-EIR (service) set '

Required/Optional: true

Schema:

Type: string

3gpp-Sbi-Target-Nf-Id:

Description: 'Identifier of target 5G-EIR (service) instance towards which the request is redirected'

Schema:

Type: string

'308':

Description: permanent redirect

Headers:**Location:**

Description: 'An alternative URI of the resource located on an alternative service instance within the same 5G-EIR or 5G-EIR (service) set '

Required/Optional: true

Schema:

Type: string

3gpp-Sbi-Target-Nf-Id:

Description: 'Identifier of target 5G-EIR (service) instance towards which the request is redirected'

Schema:

Type: string

'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: 'TS29571_CommonData.yaml#/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

```

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'**EquipmentStatus:****Type:** string**enum:**

- WHITELISTED
- BLACKLISTED
- GREYLISTED

External Docs

Description: 3GPP TS 29.511 V16.4.0; 5G System; Equipment Identity Register Services; Stage 3**URL:** 'http://www.3gpp.org/ftp/Specs/archive/29_series/29.511/'