



ECRControl

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OpenAPI

OpenAPI Version: 3.0.0

Info

Title: 3gpp-ecr-control
Version: "1.0.0"

Servers

URL: '{apiRoot}/3gpp-ecr-control/v1'

Variables:

API Root:

Default: https://example.com

Description: apiRoot as defined in subclause 5.2.4 of 3GPP TS 29.122.

Security

- {}
- oAuth2ClientCredentials: []

Paths

/query

Method: Post

Summary: Query the status of enhanced coverage restriction for a UE.

Request Body:

Required/Optional: true

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/ECRControl'

Responses:

'200':

Description: The requested information was returned successfully.

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/ECRData'

'400':

Reference: 'TS29122_CommonData.yaml#/components/responses/400'

'401':

Reference: 'TS29122_CommonData.yaml#/components/responses/401'

'403':

Reference: 'TS29122_CommonData.yaml#/components/responses/403'

'404':

Reference: 'TS29122_CommonData.yaml#/components/responses/404'

'411':

Reference: 'TS29122_CommonData.yaml#/components/responses/411'

'413':

Reference: 'TS29122_CommonData.yaml#/components/responses/413'

'415':

Reference: 'TS29122_CommonData.yaml#/components/responses/415'

'429':

Reference: 'TS29122_CommonData.yaml#/components/responses/429'

'500':

Reference: 'TS29122_CommonData.yaml#/components/responses/500'

'503':

Reference: 'TS29122_CommonData.yaml#/components/responses/503'

Default:

Reference: 'TS29122_CommonData.yaml#/components/responses/default'

/configure

Method: Post

Summary: Configure the enhanced coverage restriction for a UE.

Request Body:**Required/Optional:** true**Content:****Application/JSON:****Schema:****Reference:** '#/components/schemas/ECRControl'**Responses:****'200':****Description:** The Enhanced Coverage Restriction setting was configured successfully..**Content:****Application/JSON:****Schema:****Reference:** '#/components/schemas/ECRData'**'400':****Reference:** 'TS29122_CommonData.yaml#/components/responses/400'**'401':****Reference:** 'TS29122_CommonData.yaml#/components/responses/401'**'403':****Reference:** 'TS29122_CommonData.yaml#/components/responses/403'**'404':****Reference:** 'TS29122_CommonData.yaml#/components/responses/404'**'411':****Reference:** 'TS29122_CommonData.yaml#/components/responses/411'**'413':****Reference:** 'TS29122_CommonData.yaml#/components/responses/413'**'415':****Reference:** 'TS29122_CommonData.yaml#/components/responses/415'**'429':****Reference:** 'TS29122_CommonData.yaml#/components/responses/429'**'500':****Reference:** 'TS29122_CommonData.yaml#/components/responses/500'**'503':****Reference:** 'TS29122_CommonData.yaml#/components/responses/503'**Default:****Reference:** 'TS29122_CommonData.yaml#/components/responses/default'

Components

securitySchemes:**oAuth2ClientCredentials:****Type:** oAuth2**Flows:****clientCredentials:****tokenUrl:** '{tokenUrl}'**scopes:** {}**schemas:****ECRControl:**

Type: object

Properties:

- supportedFeatures:**
 - Reference:** 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'
- externalId:**
 - Reference:** 'TS29122_CommonData.yaml#/components/schemas/ExternalId'
- msisdn:**
 - Reference:** 'TS29122_CommonData.yaml#/components/schemas/Msisdn'
- restrictedPlmnIds:**
 - Type:** array
 - Items:**
 - Reference:** 'TS29122_CommonData.yaml#/components/schemas/PlmnId'
 - minItems:** 0
 - Description:** Indicates a complete list (and possibly empty) of serving PLMNs where Enhanced Coverage shall be restricted. This attribute shall not be present for the query custom operation.
- allowedPlmnIds:**
 - Type:** array
 - Items:**
 - Reference:** 'TS29122_CommonData.yaml#/components/schemas/PlmnId'
 - minItems:** 0
 - Description:** Indicates a complete list (and possibly empty) of serving PLMNs where Enhanced Coverage shall be allowed. This attribute shall not be present for the query custom operation.
- Required:**
 - supportedFeatures
- oneOf:**
 - required: [externalId]
 - required: [msisdn]
- not:**
 - Required:** [restrictedPlmnIds, allowedPlmnIds]

ECRData:

Type: object

Properties:

- supportedFeatures:**
 - Reference:** 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'
- visitedPlmnId:**
 - Reference:** 'TS29122_CommonData.yaml#/components/schemas/PlmnId'
- restrictedPlmnIds:**
 - Type:** array
 - Items:**
 - Reference:** 'TS29122_CommonData.yaml#/components/schemas/PlmnId'
 - minItems:** 0
 - Description:** Indicates a complete list (and possibly empty) of serving PLMNs where Enhanced Coverage shall be restricted.
- allowedPlmnIds:**
 - Type:** array
 - Items:**
 - Reference:** 'TS29122_CommonData.yaml#/components/schemas/PlmnId'
 - minItems:** 0
 - Description:** Indicates a complete list (and possibly empty) of serving PLMNs where Enhanced Coverage shall be allowed.
- Required:**

```
- supportedFeatures  
not:  
  Required: [restrictedPlmnIds, allowedPlmnIds]
```

