



# 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]
```

