



# AEF Security API

---

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

## OpenAPI

OpenAPI Version: 3.0.0

## Info

**Title:** AEF\_Security\_API

**Description:** This API allows an API invoker to check if the security information required by the API exposing function is available, by initiating authentication. This API also allows CAPIF core function to revoke access to service APIs.

**Version:** "1.0.0"

## Servers

**URL:** '{apiRoot}/aef-security/v1'

**Variables:**

**API Root:**

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

**Description:** apiRoot as defined in subclause 7.5 of 3GPP TS 29.222.

# Paths

## /check-authentication

**Method:** Post

**Summary:** Check authentication.

**Request Body:**

**Required/Optional:** true

**Content:**

**Application/JSON:**

**Schema:**

**Reference:** '#/components/schemas/CheckAuthenticationReq'

**Responses:**

'200':

**Description:** The request was successful.

**Content:**

**Application/JSON:**

**Schema:**

**Reference:** '#/components/schemas/CheckAuthenticationRsp'

'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'

## /revoke-authorization

**Method:** Post

**Summary:** Revoke authorization.

```

Request Body:
  Required/Optional: true
  Content:
    Application/JSON:
      Schema:
        Reference: '#/components/schemas/RevokeAuthorizationReq'

Responses:
  '200':
    Description: The request was successful.
    Content:
      Application/JSON:
        Schema:
          Reference: '#/components/schemas/RevokeAuthorizationRsp'
  '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

```

schemas:
  CheckAuthenticationReq:
    Type: object
    Properties:
      apiInvokerId:
        Type: string
        Description: API invoker ID assigned by the CAPIF core function to the API invoker
        while on-boarding the API invoker.
      supportedFeatures:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'

```

```

Required:
  - apiInvokerId
  - supportedFeatures
CheckAuthenticationRsp:
Type: object
Properties:
  supportedFeatures:
    Reference: 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'
  Required:
    - supportedFeatures
RevokeAuthorizationReq:
Type: object
Properties:
  revokeInfo:
    Reference:
'TS29222_CAPIF_Security_API.yaml#/components/schemas/SecurityNotification'
  supportedFeatures:
    Reference: 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'
  Required:
    - revokeInfo
    - supportedFeatures
RevokeAuthorizationRsp:
Type: object
Properties:
  supportedFeatures:
    Reference: 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'
  Required:
    - supportedFeatures

```

## External Docs

**Description:** 3GPP TS 29.222 V15.2.0 Common API Framework for 3GPP Northbound APIs

**URL:** [http://www.3gpp.org/ftp/Specs/archive/29\\_series/29.222/](http://www.3gpp.org/ftp/Specs/archive/29_series/29.222/)