



# AEF Security

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API for AEF security management.

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## 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"

## externalDocs

**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/)

## 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': 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': 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