



# Namf MT

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## OpenAPI

OpenAPI Version: 3.0.0

## Info

**Version:** 1.0.0  
**Title:** Namf\_MT  
**Description:** AMF Mobile Termination Service

## Servers

**URL:** '{apiRoot}/namf-mt/v1'  
**Variables:**  
  **API Root:**  
    **Default:** https://example.com  
    **Description:** apiRoot as defined in subclause subclause 4.4 of 3GPP TS 29.501

## Security

- {}

```
- oAuth2Clientcredentials:
  - namf-mt
```

## Paths

```
'/ue-contexts/{ueContextId}':
```

```
get:
```

```
  Summary: Namf_MT Provide Domain Selection Info service Operation
```

```
  Tags:
```

```
    - ueContext (Document)
```

```
  Operation ID: Provide Domain Selection Info
```

```
  Parameters:
```

```
    - Name: ueContextId
```

```
      In: path
```

```
      Description: UE Context Identifier
```

```
      Required/Optional: true
```

```
      Schema:
```

```
        Type: string
```

```
        pattern: '^(imsi-[0-9]{5,15}|nai-.[+].+)$'
```

```
    - Name: info-class
```

```
      In: query
```

```
      Description: UE Context Information Class
```

```
      Schema:
```

```
        Reference: '#/components/schemas/UeContextInfoClass'
```

```
    - Name: supported-features
```

```
      In: query
```

```
      Description: Supported Features
```

```
      Schema:
```

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

```
  Responses:
```

```
    '200':
```

```
      Description: Requested UE Context Information returned
```

```
      Content:
```

```
        Application/JSON:
```

```
          Schema:
```

```
            Reference: '#/components/schemas/UeContextInfo'
```

```
    '307':
```

```
      Description: Temporary Redirect
```

```
      Content:
```

```
        application/problem+json:
```

```
          Schema:
```

```
            Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'
```

```
    '400':
```

```
      Reference: 'TS29571_CommonData.yaml#/components/responses/400'
```

```
    '403':
```

```
      Reference: 'TS29571_CommonData.yaml#/components/responses/403'
```

```
    '404':
```

**Reference:** 'TS29571\_CommonData.yaml#/components/responses/404'  
**'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

## /ue-contexts/{ueContextId}/ue-reachind

**Method:** Post

**Summary:** Namf\_MT EnableUEReachability service Operation

**Tags:**

- ueReachInd (Document)

**Operation ID:** EnableUeReachability

**Parameters:**

- **Name:** ueContextId

**In:** path

**Description:** UE Context Identifier

**Required/Optional:** true

**Schema:**

**Type:** string

**Request Body:**

**Content:**

**Application/JSON:**

**Schema:**

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

**Required/Optional:** true

**Responses:**

**'200':**

**Description:** UE has become reachable as desired

**Content:**

**Application/JSON:**

**Schema:**

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

**'307':**

**Description:** Temporary Redirect

**Content:**

**application/problem+json:**

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**'400':**

**Reference:** 'TS29571\_CommonData.yaml#/components/responses/400'

**'403':**

```

Reference: 'TS29571_CommonData.yaml#/components/responses/403'
'404':
  Reference: 'TS29571_CommonData.yaml#/components/responses/404'
'411':
  Reference: 'TS29571_CommonData.yaml#/components/responses/411'
'413':
  Reference: 'TS29571_CommonData.yaml#/components/responses/413'
'415':
  Reference: 'TS29571_CommonData.yaml#/components/responses/415'
'429':
  Reference: 'TS29571_CommonData.yaml#/components/responses/429'
'500':
  Reference: 'TS29571_CommonData.yaml#/components/responses/500'
'503':
  Reference: 'TS29571_CommonData.yaml#/components/responses/503'
'504':
  Reference: 'TS29571_CommonData.yaml#/components/responses/504'
Default:
  Description: Unexpected error

```

## Components

### securitySchemes:

#### oAuth2ClientCredentials:

**Type:** oauth2

#### Flows:

##### clientCredentials:

**tokenUrl:** '{nrfApiRoot}/oauth2/token'

##### scopes:

**namf-mt:** Access to the Namf\_MT API

### schemas:

#### EnableUeReachabilityReqData:

**Type:** object

#### Properties:

##### reachability:

**Reference:** 'TS29518\_Namf\_EventExposure.yaml#/components/schemas/UeReachability'

##### supportedFeatures:

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

#### Required:

- reachability

#### EnableUeReachabilityRspData:

**Type:** object

#### Properties:

##### reachability:

**Reference:** 'TS29518\_Namf\_EventExposure.yaml#/components/schemas/UeReachability'

##### supportedFeatures:

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

#### Required:

- reachability

```
UeContextInfo:
  Type: object
  Properties:
    supportVoPS:
      Type: boolean
    supportVoPSn3gpp:
      Type: boolean
    lastActTime:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/DateTime'
    accessType:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/AccessType'
    ratType:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/RatType'
    supportedFeatures:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'
UeContextInfoClass:
  anyOf:
  - type: string
  enum:
    - TADS
  - type: string
```

## External Docs

**Description:** 3GPP TS 29.518 V15.2.0; 5G System; Access and Mobility Management Services  
**URL:** '[http://www.3gpp.org/ftp/Specs/archive/29\\_series/29.518/](http://www.3gpp.org/ftp/Specs/archive/29_series/29.518/)'

