**3GPP TSG-CT3 Meeting #142 *C3-253xxx***

**Stor-Göteborg, Sweden, 25th Aug 2025 - 29th Aug 2025 (revision of *C3-253197*)**

**Source: Nokia, Samsung**

**Title: Pseudo-CR on definition of Aimles\_SplitOpNodeRegistration API**

**Spec: 3GPP TS 29.482 v 1.0.0**

**Agenda item: 19.41**

**Document for: Agreement**

**1. Introduction**

There is a need to start a definition of Aimles\_SplitOpNodeRegistration API under the AIML\_App WI.

**2. Reason for Change**

Define the definition of Aimles\_SplitOpNodeRegistration API as defined in clause 8.14.2.4 in 3GPP TS 23.482.

**3. Conclusions**

NA

**4. Proposal**

It is proposed to agree the following changes to 3GPP TS 29.482 V 1.0.0.

\* \* \* First Change \* \* \*

### 6.1.x Aimles\_SplitOpNodeRegistration API

#### 6.1.x.1 Introduction

The Aimles\_SplitOpNodeRegistration Service shall use the Aimles\_SplitOpNodeRegistration API.

The API URI of the Aimles\_SplitOpNodeRegistration API shall be:

**{apiRoot}/<apiName>/<apiVersion>**

The request URIs used in HTTP requests shall have the Resource URI structure defined in clause 6.5 of 3GPP TS 29.549 [14], i.e.:

**{apiRoot}/<apiName>/<apiVersion>/<apiSpecificSuffixes>**

with the following components:

- The {apiRoot} shall be set as described in clause 6.5 of 3GPP TS 29.549 [14].

- The <apiName>shall be "aimles-sonreg".

- The <apiVersion> shall be "v1".

- The <apiSpecificSuffixes> shall be set as described in clause 6.1.x.3 and clause 6.1.x.4.

NOTE: When 3GPP TS 29.122 [2] is referenced for the common protocol and interface aspects for API definition in the clauses under clause 6.1.x, the AIMLE Server takes the role of the SCEF and the service consumer takes the role of the SCS/AS.

#### 6.1.x.2 Usage of HTTP and common API related aspects

The provisions of clause 6.3 of 3GPP TS 29.549 [14] shall apply for the Aimles\_SplitOpNodeRegistration API.

#### 6.1.x.3 Resources

##### 6.1.x.3.1 Overview

This clause describes the structure for the Resource URIs and the resources and methods used for the service.

Figure 6.1.x.3.1-1 depicts the resource URIs structure for the Aimles\_SplitOpNodeRegistration API.



Figure 6.1.x.3.1-1: Resource URI structure of the Aimles\_SplitOpNodeRegistration API

Table 6.1.x.3.1-1 provides an overview of the resources and applicable HTTP methods.

Table 6.1.x.3.1-1: Resources and methods overview

|  |  |  |  |
| --- | --- | --- | --- |
| Resource name | Resource URI | HTTP method or custom operation | Description (service operation) |
| AIMLE Split Operation Node Register Configurations | /configurations | POST | Register a new Individual AIMLE Split Operation Node Register resource |
| Individual AIMLE Split Operation Node Register Configuration | /configurations/{configurationId} | GET | Query an Individual Registered AIMLE Split Operation Node Register resource. |
| PUT | Update an Individual Registered AIMLE Split Operation Node Register resource. |
| PATCH | Modify an Individual Registered AIMLE Split Operation Node Register resource. |
| DELETE | Deregister an Individual Registered AIMLE Split Operation Node Register resource. |

##### 6.1.x.3.2 Resource: AIMLE Split Operation Node Register Configurations

6.1.x.3.2.1 Description

This resource represents the AIMLE Split Operation Node Register Configurations resource managed by the AIMLE Server.

6.1.x.3.2.2 Resource Definition

Resource URI: **{apiRoot}/aimles-sonreg/<apiVersion>/configurations**

This resource shall support the resource URI variables defined in table 6.1.x.3.2.2-1.

Table 6.1.x.3.2.2-1: Resource URI variables for this resource

|  |  |  |
| --- | --- | --- |
| Name | Data type | Definition |
| apiRoot | string | See clause 6.1.x.1 |

6.1.x.3.2.3 Resource Standard Methods

6.1.x.3.2.3.1 POST

The HTTP POST method enables the service consumer to register a AIMLE Split Operation Node Register at the AIMLE Server.

This method shall support the URI query parameters specified in table 6.1.x.3.2.3.1-1.

Table 6.1.x.3.2.3.1-1: URI query parameters supported by the POST method on this resource

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description | Applicability |
| n/a |  |  |  |  |  |

This method shall support the request data structures specified in table 6.1.x.3.2.3.1-2 and the response data structures and response codes specified in table 6.1.x.3.2.3.1-3.

Table 6.1.x.3.2.3.1-2: Data structures supported by the POST Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| SplitOpNodeReg | M | 1 | Register a new Individual AIMLE Split Operation Node Register. |

Table 6.1.x.3.2.3.1-3: Data structures supported by the POST Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Response  codes | Description |
| SplitOpNodeReg | M | 1 | 201 Created | Successful case. The registration of the new Individual AIMLE Split Operation Node Register is confirmed and a representation of that resource is returned.  An HTTP "Location" header that contains the URI of the created resource shall also be included. |
| NOTE: The manadatory HTTP error status code for the HTTP POST method listed in table 5.2.6-1 of 3GPP TS 29.122 [2] also apply. | | | | |

Table 6.1.x.3.2.3.1-4: Headers supported by the 201 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains the URI of the newly created resource, according to the structure:  {apiRoot}/aimless-sonreg/<apiVersion>/configurations{configurationId} |

6.1.x.3.2.4 Resource Custom Operations

There are no resource custom operations defined for this resource in this release of the specification.

##### 6.1.x.3.3 Resource: Individual AIMLE Split Operation Node Register Configuration

6.1.x.3.3.1 Description

This resource represents the individual AIMLE Split Operation Node Register Configuration resource managed by the AIMLE Server.

6.1.x.3.3.2 Resource Definition

Resource URI: **{apiRoot}/aimles-sonreg/<apiVersion>/configurations/{configurationId}**

This resource shall support the resource URI variables defined in table 6.1.x.3.3.2-1.

Table 6.1.x.3.3.2-1: Resource URI variables for this resource

|  |  |  |
| --- | --- | --- |
| Name | Data type | Definition |
| apiRoot | string | See clause 6.1.x.1 |
| configurationId | string | Represents the identifier of the Individual AIMLE Split Operation Node Register Configuration resource. |

6.1.x.3.3.3 Resource Standard Methods

6.1.x.3.3.3.1 GET

The HTTP GET method enables the service consumer e.g., the VAL Server to query an Individual Registered AIMLE Split Operation Node Register at the AIMLE Server.

This method shall support the URI query parameters specified in table 6.1.x.3.3.3.1-1.

Table 6.1.x.3.3.3.1-1: URI query parameters supported by the GET method on this resource

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description | Applicability |
| n/a |  |  |  |  |  |

This method shall support the request data structures specified in table 6.1.x.3.3.3.1-2 and the response data structures and response codes specified in table 6.1.x.3.3.3.1-3.

Table 6.1.x.3.3.3.1-2: Data structures supported by the GET Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| n/a |  |  |  |

Table 6.1.x.3.3.3.1-3: Data structures supported by the GET Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Response  codes | Description |
| SplitOpNodeReg | M | 1 | 200 OK | Successful case. The requested information on the Individual Resgietered AIMLE Split Operation Node Register is confirmed and a representation of that resource is returned. |
| n/a |  |  | 307 Temporary Redirect | Temporary redirection.  The response shall include a Location header field containing an alternative URI of the resource located in an alternative AIMLE Server.  Redirection handling is described in clause 5.2.10 of 3GPP TS 29.122 [2]. |
| n/a |  |  | 308 Permanent Redirect | Permanent redirection.  The response shall include a Location header field containing an alternative URI of the resource located in an alternative AIMLE Server.  Redirection handling is described in clause 5.2.10 of 3GPP TS 29.122 [2]. |
| NOTE: The manadatory HTTP error status code for the HTTP GET method listed in table 5.2.6-1 of 3GPP TS 29.122 [2] also apply. | | | | |

Table 6.1.x.3.3.3.1-4: Headers supported by the 307 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative AIMLE Server. |

Table 6.1.x.3.3.3.1-5: Headers supported by the 308 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative AIMLE Server. |

6.1.x.3.3.3.2 PUT

The HTTP PUT method enables the service consumer e.g., the VAL Server to update an Individual Registered AIMLE Split Operation Node Register at the AIMLE Server.

This method shall support the URI query parameters specified in table 6.1.x.3.3.3.2-1.

Table 6.1.x.3.3.3.2-1: URI query parameters supported by the PUT method on this resource

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description | Applicability |
| n/a |  |  |  |  |  |

This method shall support the request data structures specified in table 6.1.x.3.3.3.2-2 and the response data structures and response codes specified in table 6.1.x.3.3.3.2-3.

Table 6.1.x.3.3.3.2-2: Data structures supported by the PUT Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| SplitOpNodeReg | M | 1 | Represents the updated representation of an Individual Registered AIMLE Split Operation Node Register. |

Table 6.1.x.3.3.3.2-3: Data structures supported by the PUT Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Response  codes | Description |
| SplitOpNodeReg | M | 1 | 200 OK | Successful case. The requested update of the Individual Registered AIMLE Split Operation Node Register is confirmed and a representation of that resource is returned. |
| n/a |  |  | 204 No Content | Successful case. The requested update of the Individual Registered AIMLE Split Operation Node Register is confirmed and no content is returned. |
| n/a |  |  | 307 Temporary Redirect | Temporary redirection.  The response shall include a Location header field containing an alternative URI of the resource located in an alternative AIMLE Server.  Redirection handling is described in clause 5.2.10 of 3GPP TS 29.122 [2]. |
| n/a |  |  | 308 Permanent Redirect | Permanent redirection.  The response shall include a Location header field containing an alternative URI of the resource located in an alternative AIMLE Server.  Redirection handling is described in clause 5.2.10 of 3GPP TS 29.122 [2]. |
| NOTE: The manadatory HTTP error status code for the HTTP PUT method listed in table 5.2.6-1 of 3GPP TS 29.122 [2] also apply. | | | | |

Table 6.1.x.3.3.3.2-4: Headers supported by the 307 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative AIMLE Server. |

Table 6.1.x.3.3.3.2-5: Headers supported by the 308 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative AIMLE Server. |

6.1.x.3.3.3.3 PATCH

The HTTP PATCH method enables the service consumer e.g., the VAL Server to modify an Individual Registered AIMLE Split Operation Node Register at the AIMLE Server.

This method shall support the URI query parameters specified in table 6.1.x.3.3.3.3-1.

Table 6.1.x.3.3.3.3-1: URI query parameters supported by the PATCH method on this resource

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description | Applicability |
| n/a |  |  |  |  |  |

This method shall support the request data structures specified in table 6.1.x.3.3.3.3-2 and the response data structures and response codes specified in table 6.1.x.3.3.3.3-3.

Table 6.1.x.3.3.3.3-2: Data structures supported by the PATCH Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| SplitOpNodeRegPatch | M | 1 | Represents the parameters to modify of an Individual Registered AIMLE Split Operation Node Register. |

Table 6.1.x.3.3.3.3-3: Data structures supported by the PATCH Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Response  codes | Description |
| SplitOpNodeReg | M | 1 | 200 OK | Successful case. The requested modification of the Individual Registered AIMLE Split Operation Node Register is confirmed and a representation of that resource is returned. |
| n/a |  |  | 204 No Content | Successful case. The requested modification of the Individual Registered AIMLE Split Operation Node Register is confirmed and no content is returned. |
| n/a |  |  | 307 Temporary Redirect | Temporary redirection.  The response shall include a Location header field containing an alternative URI of the resource located in an alternative AIMLE Server.  Redirection handling is described in clause 5.2.10 of 3GPP TS 29.122 [2]. |
| n/a |  |  | 308 Permanent Redirect | Permanent redirection.  The response shall include a Location header field containing an alternative URI of the resource located in an alternative AIMLE Server.  Redirection handling is described in clause 5.2.10 of 3GPP TS 29.122 [2]. |
| NOTE: The manadatory HTTP error status code for the HTTP PATCH method listed in table 5.2.6-1 of 3GPP TS 29.122 [2] also apply. | | | | |

Table 6.1.x.3.3.3.3-4: Headers supported by the 307 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative AIMLE Server. |

Table 6.1.x.3.3.3.3-5: Headers supported by the 308 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative AIMLE Server. |

6.1.x.3.3.3.4 DELETE

The HTTP DELETE method enables the service consumer e.g., VAL Server to deregister an Individual Registered AIMLE Split Operation Node Register at the AIMLE Server.

This method shall support the URI query parameters specified in table 6.1.x.3.3.3.4-1.

Table 6.1.x.3.3.3.4-1: URI query parameters supported by the DELETE method on this resource

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description | Applicability |
| n/a |  |  |  |  |  |

This method shall support the request data structures specified in table 6.1.x.3.3.3.4-2 and the response data structures and response codes specified in table 6.1.x.3.3.3.4-3.

Table 6.1.x.3.3.3.4-2: Data structures supported by the DELETE Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| n/a |  |  |  |

Table 6.1.x.3.3.3.4-3: Data structures supported by the DELETE Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Response  codes | Description |
| n/a |  |  | 204 No Content | Successful case. Deregistration of the Individual Registered AIMLE Split Operation Node Register is confirmed. |
| n/a |  |  | 307 Temporary Redirect | Temporary redirection.  The response shall include a Location header field containing an alternative URI of the resource located in an alternative AIMLE Server.  Redirection handling is described in clause 5.2.10 of 3GPP TS 29.122 [2]. |
| n/a |  |  | 308 Permanent Redirect | Permanent redirection.  The response shall include a Location header field containing an alternative URI of the resource located in an alternative AIMLE Server.  Redirection handling is described in clause 5.2.10 of 3GPP TS 29.122 [2]. |
| NOTE: The manadatory HTTP error status code for the HTTP DELETE method listed in table 5.2.6-1 of 3GPP TS 29.122 [2] also apply. | | | | |

Table 6.1.x.3.3.3.4-4: Headers supported by the 307 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative AIMLE Server. |

Table 6.1.x.3.3.3.4-5: Headers supported by the 308 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative AIMLE Server. |

6.1.x.3.3.4 Resource Custom Operations

There are no resource custom operations defined for this resource in this release of the specification.

#### 6.1.x.4 Custom Operations without associated resources

There is not any custom operation defined for the Aimles\_SplitOpNodeRegistration API in this release of the specification.

#### 6.1.x.5 Notifications

##### 6.1.x.5.1 General

There is not any notification defined for the Aimles\_SplitOpNodeRegistration API in this release of the specification.

#### 6.1.x.6 Data Model

##### 6.1.x.6.1 General

This clause specifies the application data model supported by the API.

Table 6.1.x.6.1-1 specifies the data types defined for the Aimles\_SplitOpNodeRegistration API.

Table 6.1.x.6.1-1: Aimles\_SplitOpNodeRegistration API specific Data Types

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | Clause defined | Description | Applicability |
| SplitOpNodeReg | 6.1.x.6.2.2 | Represents the Split Operation Node Register information. |  |
| SplitOpNodeRegPatch | 6.1.x.6.2.3 | Represents the Split Operation Node Register information to be modified |  |

Table 6.1.x.6.1-2 specifies data types re-used by the Aimles\_SplitOpNodeRegistration API from other specifications, including a reference to their respective specifications, and when needed, a short description of their use within the Aimles\_SplitOpNodeRegistration API.

Table 6.1.x.6.1-2: Aimles\_SplitOpNodeRegistration API re-used Data Types

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | Reference | Comments | Applicability |
| ConnInfo | 3GPP TS 29.548 [A] | Represents node information. |  |
| TimeWindow | 3GPP TS 29.122 [2] | Identifies the start time and the end time for the validity time. |  |

##### 6.1.x.6.2 Structured data types

6.1.x.6.2.1 Introduction

This clause defines the structures to be used in resource representations.

6.1.x.6.2.2 Type: SplitOpNodeReg

Table 6.1.x.6.2.2-1: Definition of type SplitOpNodeReg

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| nodeInfo | ConnInfo | M | 1 | Contains the endpoint information of the requestor. |  |
| sonRegCapability | SplitOpCapabilities | M | 1 | Identifies the split operation capabilities of the requestor. |  |
| timeValidity | TimeWindow | O | 0..1 | Identifies the expiration time of the registration. |  |

6.1.x.6.2.3 Type: SplitOpNodeRegPatch

Table 6.1.x.6.2.3-1: Definition of type SplitOpNodeRegPatch

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| sonregCapability | SplitOpCapabilities | O | 0..1 | Identifies the split operation capabilities of the requestor. |  |
| timeValidity | TimeWindow | O | 0..1 | Identifies the expiration time of the registration. |  |

6.1.x.6.2.4 Type: SplitOpCapabilities

Table 6.1.x.6.2.4-1: Definition of type SplitOpCapabilities

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| modelInfo | ModelInformation | M | 1 | Identifies the ML model capabilities for split operation. |  |
| usageInfo | UsageInformation | O | 0..1 | Identifies the usage capabilities for split operation. |  |

6.1.x.6.2.5 Type: ModelInformation

Table 6.1.x.6.2.5-1: Definition of type ModelInformation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| modelId | string | M | 1 | Identifies the ML model identifier. |  |
| modelName | string | O | 0..1 | Identifies the name of the ML model. |  |
| modelVersion | string | M | 1 | Identifies the version of the ML model. |  |
| suppOperation | array(string) | M | 1..N | Contains the list of supported split operations. |  |

6.1.x.6.2.6 Type: UsageInformation

Table 6.1.x.6.2.6-1: Definition of type UsageInformation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| inputFreq | Uinteger | O | 0..1 | Contains the input frequency in bytes per second at which data is being fed to the ML model. |  |
| inputSize | Uinteger | O | 0..1 | Contains the size in bytes of input data being fed to the ML model. |  |
| outputFreq | Uinteger | O | 0..1 | Contains the output frequency in bytes per second at which data is being fed to the ML model. |  |
| outputSize | Uinteger | O | 0..1 | Contains the size in bytes of output data from the ML model. |  |

##### 6.1.x.6.3 Simple data types and enumerations

6.1.x.6.3.1 Introduction

This clause defines simple data types and enumerations that can be referenced from data structures defined in the previous clauses.

6.1.x.6.3.2 Simple data types

The simple data types defined in table 6.1.x.6.3.2-1 shall be supported.

Table 6.1.x.6.3.2-1: Simple data types

|  |  |  |  |
| --- | --- | --- | --- |
| Type Name | Type Definition | Description | Applicability |
|  |  |  |  |

6.1.x.6.3.3 Enumeration: SuppAimlRoleType

The enumeration SuppAimlRoleType represents information regarding the supported AIML role identity of the AIMLE Split Operation Node Register. It shall comply with the provisions defined in table 6.1.x.6.3.3-1.

Table 6.1.x.6.3.3-1: Enumeration SuppMlTaskType

|  |  |  |
| --- | --- | --- |
| Enumeration value | Description | Applicability |
| FL\_CLIENT | Identifies the supported AIML role of AIMLE Split Operation Node Register is used as FL client. |  |
| FL\_SERVER | Identifies the supported AIML role of AIMLE Split Operation Node Register is used as FL server. |  |

6.1.x.6.3.4 Enumeration: MLAppType

The enumeration MLAppType represents information regarding the supported ML application related to the capability of the AIMLE Split Operation Node Register. It shall comply with the provisions defined in table 6.1.x.6.3.4-1.

Table 6.1.x.6.3.4-1: Enumeration MLAppType

|  |  |  |
| --- | --- | --- |
| Enumeration value | Description | Applicability |
| REINFORCEMENT\_LEARNING | Identifies the ML application of reinforcement learning type related to the capability of AIMLE Split Operation Node Register. |  |
| SUPERVISED\_LEARNING | Identifies the ML application of supervised learning type related to the capability of AIMLE Split Operation Node Register. |  |
| TRANSFER\_LEARNING | Identifies the ML application of transfer learning type related to the capability of AIMLE Split Operation Node Register. |  |

6.1.x.6.3.5 Enumeration: AvailabilityType

The enumeration AvailabilityType represents information regarding the availability of the AIMLE Split Operation Node Register. It shall comply with the provisions defined in table 6.1.x.6.3.5-1.

Table 6.1.x.6.3.-1: Enumeration AvailabilityType

|  |  |  |
| --- | --- | --- |
| Enumeration value | Description | Applicability |
| AVAILABLE | Identifies the AIMLE Split Operation Node Register is available. |  |
| NOT\_AVAILABLE | Identifies the AIMLE Split Operation Node Register is not available. |  |

##### 6.1.x.6.4 Data types describing alternative data types or combinations of data types

There are no data types describing alternative data types or combination of data types for Aimles\_SplitOpNodeRegistration API in this release of the specification.

##### 6.1.x.6.5 Binary data

6.1.x.6.5.1 Binary Data Types

The binary data types defined for the Aimles\_SplitOpNodeRegistration API are listed in Table 6.1.x.6.5.1-1.

Table 6.1.x.6.5.1-1: Binary Data Types

|  |  |  |
| --- | --- | --- |
| Name | Clause defined | Content type |
|  |  |  |

#### 6.1.x.7 Error Handling

##### 6.1.x.7.1 General

For the Aimles\_SplitOpNodeRegistration API, HTTP error responses shall be supported as specified in clause 6.7 of 3GPP TS 29.549 [14].

In addition, the requirements in the following clauses are applicable for the Aimles\_SplitOpNodeRegistration API.

##### 6.1.x.7.2 Protocol Errors

No specific procedures for the Aimles\_SplitOpNodeRegistration API are specified.

##### 6.1.x.7.3 Application Errors

The application errors defined for the Aimles\_SplitOpNodeRegistration API are listed in Table 6.1.x.7.3-1.

Table 6.1.x.7.3-1: Application errors

|  |  |  |
| --- | --- | --- |
| Application Error | HTTP status code | Description |
|  |  |  |

#### 6.1.x.8 Feature negotiation

The optional features in table 6.1.x.8-1 are defined for the Aimles\_SplitOpNodeRegistration API. They shall be negotiated using the extensibility mechanism defined in clause 6.8 of 3GPP TS 29.549 [14].

Table 6.1.x.8-1: Supported Features

|  |  |  |
| --- | --- | --- |
| Feature number | Feature Name | Description |
|  |  |  |

#### 6.1.x.9 Security

The provisions of clause 9 of 3GPP TS 29.549 [14] shall apply for the Aimles\_SplitOpNodeRegistration API.

\* \* \* End of Changes \* \* \*