RNI API – Post

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| Test Case Name | **POST /subscriptions/rab\_rel --- Created** | | |
| Test Case API | /subscriptions/rab\_rel | | |
| Status Code | 201 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| RabRelSubscriptionPost | Body |  |
| Request Structure | /rni/v1/subscriptions/rab\_rel | | |
| Request Type | POST | | |
| Expected Response | {  "RabRelSubscription": {  "callbackReference": "http://meAppClient.example.com/rni/v1/notifications/rab\_rel/77777",  "\_links": {  "self": "http://meAppServer.example.com/rni/v1/subscriptions/rab\_rel/sub123"  },  "filterCriteriaAssocQci": {  "appInsId": "app01",  "associateId": {  "type": "1",  "value": "192.0.2.0"  },  "plmn": {  "mnc": "01",  "mcc": "001"  },  "cellId": "0x800000B",  "qci": 1  },  "expiryDeadline": {  "seconds": 1577836800,  "nanoSeconds": 0  }  }  } | | |
| Expected State | Created | | |
| Description | If the request executed successfully, then we will get this response with success code 201. | | |

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| Test Case Name | **POST /subscriptions/rab\_rel --- Bad Request** | | |
| Test Case API | /subscriptions/rab\_rel | | |
| Status Code | 400 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| RabRelSubscriptionPost | Body |  |
| Request Structure | /rni/v1/subscriptions/rab\_rel | | |
| Request Type | POST | | |
| Expected Response | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } | | |
| Expected State | BAD REQUEST | | |
| Description | If we send an incorrect parameter in request then we will get this Error as a response with error code 400. | | |

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| Test Case Name | **POST /subscriptions/rab\_rel --- Unauthorized** | | |
| Test Case API | /subscriptions/rab\_rel | | |
| Status Code | 401 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| RabRelSubscriptionPost | Body |  |
| Request Structure | /rni/v1/subscriptions/rab\_rel | | |
| Request Type | POST | | |
| Expected Response | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } | | |
| Expected State | UNAUTHORIZED | | |
| Description | If we send a wrong or missing parameter in request then we will get this Error as a response with error code 401. | | |

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| Test Case Name | **POST /subscriptions/rab\_rel --- Forbidden** | | |
| Test Case API | /subscriptions/rab\_rel | | |
| Status Code | 403 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| RabRelSubscriptionPost | Body |  |
| Request Structure | /rni/v1/subscriptions/rab\_rel | | |
| Request Type | POST | | |
| Expected Response | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } | | |
| Expected State | FORBIDDEN | | |
| Description | If the process or operation doesn't allow to execute, then we will get this Error as a response with error code 403. | | |

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| Test Case Name | **POST /subscriptions/rab\_rel --- Not Found** | | |
| Test Case API | /subscriptions/rab\_rel | | |
| Status Code | 404 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| RabRelSubscriptionPost | Body |  |
| Request Structure | /rni/v1/subscriptions/rab\_rel | | |
| Request Type | POST | | |
| Expected Response | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } | | |
| Expected State | NOT FOUND | | |
| Description | If the provided URI couldn't have mapped the valid URI, then we will get this Error as a response with error code 404. Simply Page Not Found error. | | |

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| Test Case Name | **POST /subscriptions/rab\_rel --- Not Acceptable** | | |
| Test Case API | /subscriptions/rab\_rel | | |
| Status Code | 406 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| RabRelSubscriptionPost | Body |  |
| Request Structure | /rni/v1/subscriptions/rab\_rel | | |
| Request Type | POST | | |
| Expected Response | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } | | |
| Expected State | NOT ACCEPTABLE | | |
| Description | If the server cannot send data in a format requested in the Accept header, then we will get this response with Error code 406. | | |

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| Test Case Name | **POST /subscriptions/rab\_rel --- Unsupported Media Type** | | |
| Test Case API | /subscriptions/rab\_rel | | |
| Status Code | 415 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| RabRelSubscriptionPost | Body |  |
| Request Structure | /rni/v1/subscriptions/rab\_rel | | |
| Request Type | POST | | |
| Expected Response | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } | | |
| Expected State | UNSUPPORTED MEDIA TYPE | | |
| Description | The HTTP 415 Unsupported Media Type client error response code indicates that the server refuses to accept the request because the Request format is in an unsupported format. | | |

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| Test Case Name | **POST /subscriptions/rab\_rel --- Unprocessable Entity** | | |
| Test Case API | /subscriptions/rab\_rel | | |
| Status Code | 422 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| RabRelSubscriptionPost | Body |  |
| Request Structure | /rni/v1/subscriptions/rab\_rel | | |
| Request Type | POST | | |
| Expected Response | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } | | |
| Expected State | UNPROCESSABLE ENTITY | | |
| Description | A 422-status code occurs when a request is well-formed, however, due to semantic errors it is unable to be processed. The request could not be understood by the server due to malformed syntax. | | |

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| Test Case Name | **POST /subscriptions/rab\_rel --- Too Many Requests** | | |
| Test Case API | /subscriptions/rab\_rel | | |
| Status Code | 429 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| RabRelSubscriptionPost | Body |  |
| Request Structure | /rni/v1/subscriptions/rab\_rel | | |
| Request Type | POST | | |
| Expected Response | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } | | |
| Expected State | TOO MANY REQUESTS | | |
| Description | This error occurs when a user tries to perform too many requests within a certain timeframe. | | |