# Annex H: Word format presentation of the test suite for the Or-Or Reference Point

## H.1 Overview

The present annex contains a tabular representation of the high-level test descriptions developed as part of ETSI GS NFV TST 010.

In order to maintain compatibility with previous versions of the deliverable, the numbering of clauses and subclauses is kept as defined in ETSI GS NFV-TST 010. Clauses H.2 to H.8 are therefore to be considered Void.

## H.9 Tabular test descriptions

### 9.3.1 NS Lifecycle Operation Granting interface

#### 9.3.1.1 Grants

##### 9.3.1.1.1 Requests a grant for a particular NS lifecycle operation

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.1.1 |
| **Test title** | Requests a grant for a particular NS lifecycle operation |
| **Test objective** | The objective is to request a grant for a particular NS lifecycle operation and perform a JSON schema validation on the returned grant data structure |
| **Pre-conditions** |  |
| **Reference** | Clause 7.5.3.3.1 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | The NFVO can decide immediately what to respond to a grant request |
| **Post-Conditions** | The grant information is available to the NFVO. |
| **Test Case** | |
| Send Post Request for Grant  Check HTTP Response Status Code Is 201 Check HTTP Response Body Json Schema Is Grant Check HTTP Response Header Contains Location Check Postcondition Grant Is Set | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/Grants.robot>

##### 9.3.1.1.2 Requests a grant for a particular NS lifecycle operation - Forbidden

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.1.2 |
| **Test title** | Requests a grant for a particular NS lifecycle operation - Forbidden |
| **Test objective** | The objective is to request a grant for a particular NS lifecycle operation and the grant is rejected |
| **Pre-conditions** | none |
| **Reference** | Clause 7.5.3.3.1 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Send Request for a new Grant Forbiden Operation  Check HTTP Response Status Code Is 403 Check HTTP Response Body Json Schema Is ProblemDetails | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/Grants.robot>

##### 9.3.1.1.3 GET Grants - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.1.3 |
| **Test title** | GET Grants - Method not implemented |
| **Test objective** | The objective is to test that GET method is not allowed for Lifecycle operation granting |
| **Pre-conditions** | none |
| **Reference** | Clause 7.5.3.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Get Grants  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/Grants.robot>

##### 9.3.1.1.4 PUT Grants - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.1.4 |
| **Test title** | PUT Grants - Method not implemented |
| **Test objective** | The objective is to test that PUT method is not allowed for Lifecycle operation granting |
| **Pre-conditions** | none |
| **Reference** | Clause 7.5.3.3.3 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Put Grants  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/Grants.robot>

##### 9.3.1.1.5 PATCH Grants - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.1.5 |
| **Test title** | PATCH Grants - Method not implemented |
| **Test objective** | The objective is to test that PATCH method is not allowed for Lifecycle operation granting |
| **Pre-conditions** | none |
| **Reference** | Clause 7.5.3.3.4 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Patch Grants  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/Grants.robot>

##### 9.3.1.1.6 DELETE Grants - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.1.6 |
| **Test title** | DELETE Grants - Method not implemented |
| **Test objective** | The objective is to test that DELETE method is not allowed for Lifecycle operation granting |
| **Pre-conditions** | none |
| **Reference** | Clause 7.5.3.3.5 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | Resources are not deleted |
| **Test Case** | |
| Delete Grants  Check HTTP Response Status Code Is 405 Check Postcondition Grants Exist | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/Grants.robot>

#### 9.3.1.2 IndividualGrant

##### 9.3.1.2.1 POST Individual Grant - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.2.1 |
| **Test title** | POST Individual Grant - Method not implemented |
| **Test objective** | The objective is to test that POST method is not allowed for Lifecycle operation granting |
| **Pre-conditions** | none |
| **Reference** | Clause 7.5.4.3.1 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Post individual Grant  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/IndividualGrant.robot>

##### 9.3.1.2.2 GET an individual grant - Successful

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.2.2 |
| **Test title** | GET an individual grant - Successful |
| **Test objective** | The objective is to retrieve a grant for a particular NS Lifecycle Operation. |
| **Pre-conditions** | The grant information is available to the NFVO |
| **Reference** | Clause 7.5.4.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Get individual grant  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is Grant | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/IndividualGrant.robot>

##### 9.3.1.2.3 PUT an individual grant - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.2.3 |
| **Test title** | PUT an individual grant - Method not implemented |
| **Test objective** | The objective is to test that PUT method is not allowed to for Lifecycle operation granting |
| **Pre-conditions** | none |
| **Reference** | Clause 7.5.4.3.3 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PUT individual Grant  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/IndividualGrant.robot>

##### 9.3.1.2.4 PATCH an individual grant - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.2.4 |
| **Test title** | PATCH an individual grant - Method not implemented |
| **Test objective** | The objective is to test that PATCH method is not allowed to for Lifecycle operation granting |
| **Pre-conditions** | none |
| **Reference** | Clause 7.5.4.3.4 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Patch individual Grant  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/IndividualGrant.robot>

##### 9.3.1.2.5 DELETE an individual grant - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.2.5 |
| **Test title** | DELETE an individual grant - Method not implemented |
| **Test objective** | The objective is to test that DELETE method is not allowed to for Lifecycle operation granting |
| **Pre-conditions** | none |
| **Reference** | Clause 7.5.4.3.5 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Delete individual Grant  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/IndividualGrant.robot>

##### 9.3.1.2.6 GET an individual grant - NOT FOUND

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.2.6 |
| **Test title** | GET an individual grant - NOT FOUND |
| **Test objective** | The objective is to test that the retrieval of individual grant for a particular Lifecycle operation fails when using an invalid resource identifier |
| **Pre-conditions** | The grant information is available to the NFVO |
| **Reference** | Clause 7.5.4.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | Invalid resource identifier is used |
| **Post-Conditions** | none |
| **Test Case** | |
| Get individual grant  Check HTTP Response Status Code Is 404 Check HTTP Response Body Json Schema Is ProblemDetails | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/IndividualGrant.robot>

#### 9.3.1.3 ApiVersion

##### 9.3.1.3.1 POST API Version - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.3.1 |
| **Test title** | POST API version - Method not implemented |
| **Test objective** | The objective is to test that POST method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.1 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| POST API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/ApiVersion.robot>

##### 9.3.1.3.2 GET API Version

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.3.2 |
| **Test title** | GET API Version |
| **Test objective** | The objective is to test that GET method successfully return ApiVersionInformation |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.2 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| GET API Version  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is ApiVersionInformation | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/ApiVersion.robot>

##### 9.3.1.3.3 PUT API Version - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.3.3 |
| **Test title** | PUT API Version - Method not implemented |
| **Test objective** | The objective is to test that PUT method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.3 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PUT API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/ApiVersion.robot>

##### 9.3.1.3.4 PATCH API Version - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.3.4 |
| **Test title** | PATCH API Version - Method not implemented |
| **Test objective** | The objective is to test that PATCH method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.4 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PATCH API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/ApiVersion.robot>

##### 9.3.1.3.5 DELETE API Version - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.3.5 |
| **Test title** | DELETE API Version - Method not implemented |
| **Test objective** | The objective is to test that DELETE method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.5 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| DELETE API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/ApiVersion.robot>

##### 9.3.1.3.6 POST API Version with apiMajorVerion - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.3.6 |
| **Test title** | POST API version with apiMajorVerion - Method not implemented |
| **Test objective** | The objective is to test that POST method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.1 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| POST API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/ApiVersion.robot>

##### 9.3.1.3.7 GET API Version with apiMajorVerion

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.3.7 |
| **Test title** | GET API Version with apiMajorVerion |
| **Test objective** | The objective is to test that GET method successfully return ApiVersionInformation |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.2 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| GET API Version  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is ApiVersionInformation | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/ApiVersion.robot>

##### 9.3.1.3.8 PUT API Version with apiMajorVerion - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.3.8 |
| **Test title** | PUT API Version with apiMajorVerion - Method not implemented |
| **Test objective** | The objective is to test that PUT method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.3 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PUT API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/ApiVersion.robot>

##### 9.3.1.3.9 PATCH API Version with apiMajorVerion - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.3.9 |
| **Test title** | PATCH API Version with apiMajorVerion - Method not implemented |
| **Test objective** | The objective is to test that PATCH method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.4 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PATCH API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/ApiVersion.robot>

##### 9.3.1.3.10 DELETE API Version with apiMajorVerion - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.1.3.10 |
| **Test title** | DELETE API Version with apiMajorVerion - Method not implemented |
| **Test objective** | The objective is to test that DELETE method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.5 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| DELETE API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSLifecycleOperationGranting-API/ApiVersion.robot>

### 9.3.2 NS Instance Usage Notification interface

#### 9.3.2.1 Subscriptions

##### 9.3.2.1.1 POST Create a new subscription

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.1 |
| **Test title** | POST Create a new subscription |
| **Test objective** | The objective is to test that POST method creates a subscription |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.1 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | Subscription is created in the NFVO |
| **Test Case** | |
| POST subscriptions  Check HTTP Response Status Code Is 201 Check HTTP Response Header Contains Location Check HTTP Response Body Json Schema Is subscription Check HTTP Response Header Contains Resource URI  Check Postcondition Subscription Is Set | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.2 POST Create a new Subscription - DUPLICATION

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.2 |
| **Test title** | POST Create a new subscription - DUPLICATION |
| **Test objective** | The objective is to test that POST method creates a duplicate subscription |
| **Pre-conditions** | A subscription shall already exist |
| **Reference** | Clause 8.5.3.3.1 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | Duplication supported by NFVO-C |
| **Post-Conditions** | Duplicate subscription is created in the NFVO |
| **Test Case** | |
| POST subscriptions DUPLICATION  Check Subscription Existence  Check HTTP Response Status Code Is 201 Check HTTP Response Header Contains Location Check HTTP Response Body Json Schema Is subscription Check Postcondition Subscription Resource Returned in Location Header Is Available | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.3 POST Create a new Subscription - NO-DUPLICATION

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.3 |
| **Test title** | POST Create a new subscription - NO-DUPLICATION |
| **Test objective** | The objective is to test that POST method cannot create a duplicate subscription |
| **Pre-conditions** | A subscription shall already exist |
| **Reference** | Clause 8.5.3.3.1 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | Duplication NOT supported by NFVO-C |
| **Post-Conditions** | Duplicate subscription is not created in the NFVO |
| **Test Case** | |
| POST subscriptions NO DUPLICATION  Check HTTP Response Status Code Is 303 Check HTTP Response Header Contains Location Check Postcondition Subscription Is Set | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.4 GET Subscriptions

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.4 |
| **Test title** | GET Subscriptions |
| **Test objective** | The objective is to test that GET method retrieves the list of existing subscriptions |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| GET Subscriptions  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is subscriptions | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.5 GET Subscription - Filter

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.5 |
| **Test title** | GET Subscription - Filter |
| **Test objective** | The objective is GET the list of active subscriptions using a filter |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| GET Subscriptions with filter  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is subscriptions | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.6 GET subscriptions - Bad Request Invalid attribute-based filtering parameters

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.6 |
| **Test title** | GET subscriptions - Bad Request Invalid attribute-based filtering parameters |
| **Test objective** | The objective is GET the list of active subscriptions using an invalid filter |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Get subscriptions - invalid filter  Check HTTP Response Status Code Is 400 Check HTTP Response Body Json Schema Is ProblemDetails | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.7 GET subscriptions - Bad Request Response too Big

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.7 |
| **Test title** | GET subscriptions - Bad Request Response too Big |
| **Test objective** | The objective is test that the retrieval of active subscriptions list fails because response is too big, and perform the JSON schema validation of the failed operation HTTP response. |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| GET Subscriptions  Check HTTP Response Status Code Is 400 Check HTTP Response Body Json Schema Is ProblemDetails | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.8 GET subscriptions with "all\_fields" attribute selector

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.8 |
| **Test title** | GET subscriptions with "all\_fields" attribute selector |
| **Test objective** | The objective is to retrieve the list of active subscriptions with "all\_fields" attribute selector |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Get subscriptions with all\_fields attribute selector  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is subscriptions | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.9 GET subscriptions with "exclude\_default" attribute selector

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.9 |
| **Test title** | GET subscriptions with "exclude\_default" attribute selector |
| **Test objective** | The objective is to retrieve the list of active subscriptions with "exclude\_default"s attribute selector |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Get subscriptions with exclude\_default attribute selector  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is subscriptions | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.10 GET subscriptions with "fields" attribute selector

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.10 |
| **Test title** | GET subscriptions with "fields" attribute selector |
| **Test objective** | The objective is to retrieve the list of active subscriptions with "fields" attribute selector |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Get subscriptions with fields attribute selector  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is subscriptions | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.11 GET subscriptions with "exclude\_fields" attribute selector

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.11 |
| **Test title** | GET subscriptions with "exclude\_fields" attribute selector |
| **Test objective** | The objective is to retrieve the list of active subscriptions with "exclude\_fields" attribute selector |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Get subscriptions with exclude\_fields attribute selector  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is subscriptions | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.12 GET Subscriptions as Paged Response

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.12 |
| **Test title** | GET Subscriptions as Paged Response |
| **Test objective** | The objective is to test that GET method retrieve the list of existing subscriptions as paged response. |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| GET Subscriptions  Check HTTP Response Status Code Is 200 Check HTTP Response Header Contains Link | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.13 PUT subscriptions - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.13 |
| **Test title** | PUT subscriptions - Method not implemented |
| **Test objective** | The objective is to test that PUT method cannot modify a NS instance usage subscription |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.3 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PUT subscriptions  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.14 PATCH subscriptions - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.14 |
| **Test title** | PATCH subscriptions - Method not implemented |
| **Test objective** | The objective is to test that PUT method cannot modify a NS instance usage subscription |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.4 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PATCH subscriptions  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.15 DELETE subscriptions - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.15 |
| **Test title** | DELETE subscriptions - Method not implemented |
| **Test objective** | The objective is to test that DELETE method cannot delete a NS instance usage subscription |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.3.3.5 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | Subscriptions are not deleted |
| **Test Case** | |
| DELETE subscriptions  Check HTTP Response Status Code Is 405 Check Postcondition Subscriptions Exist | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

##### 9.3.2.1.16 GET subscriptions with "exclude\_default" and "fields" attribute selector

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.1.16 |
| **Test title** | GET subscriptions with "exclude\_default" and "fields" attribute selector |
| **Test objective** | The objective is to retrieve the list of active subscriptions with "exclude\_default" and "fields" attribute selector |
| **Pre-conditions** |  |
| **Reference** | Clause 8.5.3.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Get subscriptions with exclude\_default and fields attribute selector  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is subscriptions | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Subscriptions.robot>

#### 9.3.2.2 IndividualSubscription

##### 9.3.2.2.1 POST Individual Subscription - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.2.1 |
| **Test title** | POST Individual Subscription - Method not implemented |
| **Test objective** | The objective is to test that POST method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.4.3.1 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| POST Individual Subscription  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/IndividualSubscription.robot>

##### 9.3.2.2.2 GET Information about an individual subscription - Successful

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.2.2 |
| **Test title** | GET Information about an individual subscription - Successful |
| **Test objective** | The objective is to test the retrieval of NS instance usage notification subscription and perform a JSON schema validation of the returned subscription data structure |
| **Pre-conditions** | An NS instance is instantiated. At least one NS instance usage notification subscription is available in the NFVO. |
| **Reference** | Clause 8.5.4.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| GET Individual subscription  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is subscription | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/IndividualSubscription.robot>

##### 9.3.2.2.3 PUT an individual subscription - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.2.3 |
| **Test title** | PUT an individual subscription - Method not implemented |
| **Test objective** | The objective is to test that PUT method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.4.3.3 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PUT Individual Subscription  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/IndividualSubscription.robot>

##### 9.3.2.2.4 PATCH an individual subscription - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.2.4 |
| **Test title** | PATCH an individual subscription - Method not implemented |
| **Test objective** | The objective is to test that PATCH method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 8.5.4.3.4 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PATCH Individual Subscription  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/IndividualSubscription.robot>

##### 9.3.2.2.5 DELETE an individual subscription

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.2.5 |
| **Test title** | DELETE an individual subscription |
| **Test objective** | The objective is to test that DELETE method deletes an individual subscription |
| **Pre-conditions** | At least one instance usage notification subscription is available in the NFVO |
| **Reference** | Clause 8.5.4.3.5 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | The NS instance usage notification subscription is not available anymore on NFVO |
| **Test Case** | |
| DELETE Individual Subscription  Check HTTP Response Status Code Is 204 Check Postcondition Individual Subscription is Deleted | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/IndividualSubscription.robot>

##### 9.3.2.2.6 GET Information about an individual subscription - NOT FOUND

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.2.6 |
| **Test title** | GET Information about an individual subscription - NOT FOUND |
| **Test objective** | The objective is to test that the retrieval of individual NS instance usage notification subscription fails when using an invalid resource identifier. |
| **Pre-conditions** | An NS instance is instantiated. At least one NS instance usage notification subscription is available in the NFVO. |
| **Reference** | Clause 8.5.4.3.2 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| GET Individual subscription  Check HTTP Response Status Code Is 404 Check HTTP Response Body Json Schema Is ProblemDetails | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/IndividualSubscription.robot>

#### 9.3.2.3 Notifications

##### 9.3.2.3.1 NS Instance Usage START Notification

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.3.1 |
| **Test title** | NS Instance Usage START Notification |
| **Test objective** | The objective is to test the dispatch of NS Instance Usage Start Notification when the usage of an NS instance is started, and perform a JSON schema and content validation of the delivered notification. The action that triggers the notification under test is an explicit test step, but it is not performed by the test system. |
| **Pre-conditions** | A subscription for NS instance usage notification is available in the NFVO. |
| **Reference** | Clause 8.5.5.3.1 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Trigger a change in NS instance usage START (external action)  Check NS Instance Usage Start Notification Http POST Request Body Json Schema Is NsInstanceUsageNotification Check NS Instance Usage Start Notification Http POST Request Body notificationType attribute Is NsInstanceUsageNotification Check NS Instance Usage Start Notification Http POST Request Body notificationStatus attribute Is START | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Notifications.robot>

##### 9.3.2.3.2 NS Instance Usage END Notification

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.3.2 |
| **Test title** | NS Instance Usage END Notification |
| **Test objective** | The objective is to test the dispatch of NS Instance Usage End Notification when the usage of an NS instance is ended, and perform a JSON schema and content validation of the delivered notification. The action that triggers the notification under test is an explicit test step, but it is not performed by the test system. |
| **Pre-conditions** | A subscription for NS instance usage notification is available in the NFVO. |
| **Reference** | Clause 8.5.5.3.1 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| Trigger a change in NS instance usage END (external action)  Check NS Instance Usage End Notification Http POST Request Body Json Schema Is NsInstanceUsageNotification Check NS Instance Usage End Notification Http POST Request Body notificationType attribute Is NsInstanceUsageNotification Check NS Instance Usage End Notification Http POST Request Body notificationStatus attribute Is END | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/Notifications.robot>

#### 9.3.2.4 NotificationEndpoint

##### 9.3.2.4.1 NS Instance Usage Notification

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.4.1 |
| **Test title** | NS Instance Usage Notification |
| **Test objective** | The objective is to test that NS Instance Usage Notification is delivered with success to the notification consumer |
| **Pre-conditions** | A subscription for instance usage notification is available in the NFVO. |
| **Reference** | Clause 8.5.5.3.1 - ETSI GS NFV-SOL 011 [8] v3.3.1 |
| **Config ID** | Config\_prod\_Notif\_Endpoint |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| POST NS Instance Usage Notification  Check HTTP Response Status Code Is 204 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/NotificationEndpoint.robot>

#### 9.3.2.5 ApiVersion

##### 9.3.2.5.1 POST API Version - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.5.1 |
| **Test title** | POST API version - Method not implemented |
| **Test objective** | The objective is to test that POST method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.1 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| POST API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/ApiVersion.robot>

##### 9.3.2.5.2 GET API Version

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.5.2 |
| **Test title** | GET API Version |
| **Test objective** | The objective is to test that GET method successfully return ApiVersionInformation |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.2 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| GET API Version  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is ApiVersionInformation | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/ApiVersion.robot>

##### 9.3.2.5.3 PUT API Version - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.5.3 |
| **Test title** | PUT API Version - Method not implemented |
| **Test objective** | The objective is to test that PUT method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.3 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PUT API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/ApiVersion.robot>

##### 9.3.2.5.4 PATCH API Version - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.5.4 |
| **Test title** | PATCH API Version - Method not implemented |
| **Test objective** | The objective is to test that PATCH method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.4 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PATCH API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/ApiVersion.robot>

##### 9.3.2.5.5 DELETE API Version - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.5.5 |
| **Test title** | DELETE API Version - Method not implemented |
| **Test objective** | The objective is to test that DELETE method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.5 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| DELETE API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/ApiVersion.robot>

##### 9.3.2.5.6 POST API Version with apiMajorVerion - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.5.6 |
| **Test title** | POST API version with apiMajorVerion - Method not implemented |
| **Test objective** | The objective is to test that POST method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.1 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| POST API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/ApiVersion.robot>

##### 9.3.2.5.7 GET API Version with apiMajorVerion

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.5.7 |
| **Test title** | GET API Version with apiMajorVerion |
| **Test objective** | The objective is to test that GET method successfully return ApiVersionInformation |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.2 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| GET API Version  Check HTTP Response Status Code Is 200 Check HTTP Response Body Json Schema Is ApiVersionInformation | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/ApiVersion.robot>

##### 9.3.2.5.8 PUT API Version with apiMajorVerion - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.5.8 |
| **Test title** | PUT API Version with apiMajorVerion - Method not implemented |
| **Test objective** | The objective is to test that PUT method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.3 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PUT API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/ApiVersion.robot>

##### 9.3.2.5.9 PATCH API Version with apiMajorVerion - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.5.9 |
| **Test title** | PATCH API Version with apiMajorVerion - Method not implemented |
| **Test objective** | The objective is to test that PATCH method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.4 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| PATCH API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/ApiVersion.robot>

##### 9.3.2.5.10 DELETE API Version with apiMajorVerion - Method not implemented

|  |  |
| --- | --- |
| **Test Purpose** | |
| **Test ID** | 9.3.2.5.10 |
| **Test title** | DELETE API Version with apiMajorVerion - Method not implemented |
| **Test objective** | The objective is to test that DELETE method is not implemented |
| **Pre-conditions** | none |
| **Reference** | Clause 9.3.3.3.5 - ETSI GS NFV-SOL 013 [5] v3.3.1 |
| **Config ID** | Config\_prod\_NFVO |
| **Applicability** | none |
| **Post-Conditions** | none |
| **Test Case** | |
| DELETE API Version  Check HTTP Response Status Code Is 405 | |

NOTE: Robot code can be found at <https://forge.etsi.org/rep/nfv/api-tests/raw/4.3.1.0.0.2/SOL011/NSInstanceUsageNotification-API/ApiVersion.robot>