### Instructions for data structure definition

Data structure definitions shall be submitted using JSON schema according to [1], separately for the three objects "interfaceInfo" (mandatory), "accessInfo" (mandatory) and "extra" (optional). The "description" keyword in the JSON schema shall be used to appropriately document each attribute in the data structure. The JSON schema shall include information about allowed values where applicable, formulated as JSON schema constraints (such as "minimumInclusive") or documented in text form using the "description" keyword.

In the registration template, items that are mandatory to be provided are marked with [M]; optional items are marked with [O].

[1] [JSON Schema](http://json-schema.org/): "Core definitions and terminology", Version [draft-07](https://tools.ietf.org/html/draft-handrews-json-schema-01), November 19, 2017.

### Template

**1 Solution information**

|  |  |
| --- | --- |
| Solution Name [M] | <Name of the VIM for which the VimConnectionInfo parameter set is being registered.> *EXAMPLE: "OpenStack Release xyz with Keystone"* |
| Description [M] | General description of the VIM for which the VimConnectionInfo parameter set is being registered *EXAMPLE: "ETSI-registered VIM Connection Info to enable the use of Openstack rel xyz with SOL003. Interface is using keystone as the gateway. Valid for releases starting from xyz".* |
| Specification URI [O] | <Publically reachable, long-lived URI of a specification that defines further details of the particular VIM Connection Info registered. Optional, but recommended.> |

**2 Registration information**

|  |  |
| --- | --- |
| Registrant name [M] | <Name of the legal entity requesting registration> |
| Registrant address [M] | <Address of the legal entity requesting registration> |
| Registrant contact [M] | <Name and email address of the contact person or the function of the legal entity requesting registration> |
| Registration date [M] | <The date when the registration request was sent> |

**3 Requested vimType identifier**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Registrant [M] |  | VIM Name [M] |  | Version [O] |
|  | **.** |  | **.** |  |

**4 JSON schema definition of "interfaceInfo"**

Purpose: Provides information about the interface or interfaces to the VIM, such as the URI of an interface endpoint to communicate with the VIM.

|  |
| --- |
| interfaceInfo [M] |
| { "$schema": "http://json-schema.org/draft-07/schema#", "title": "interfaceInfo", "type": "object", "properties": { <include list of properties here > },  "required": [<define properties that are required>]} |

**5 JSON schema definition of "accessInfo"**

Purpose: Provides authentication credentials for accessing the VIM, and other access-related information such as tenants or infrastructure resource groups.

|  |
| --- |
| accessInfo [M] |
| { "$schema": "http://json-schema.org/draft-07/schema#", "title": "accessInfo", "type": "object", "properties": { <include list of properties here > }, "required": [<define properties that are required>]} |

**6 JSON schema definition of "extra"**

Purpose: Provides optional additional VIM type specific information.

|  |
| --- |
| extra [O] |
| { "$schema": "http://json-schema.org/draft-07/schema#", "title": "extra", "type": "object", "properties": { <include list of properties here > }, "required": [<define properties that are required>]} |