

SWIM-SERV-006 Service identification

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Requirement

| | |
|--------------------------------|---|
| Title | Service identification |
| Identifier | SWIM-SERV-006 |
| Requirement | A service description shall include: <ul style="list-style-type: none">• the name of the service; and• the version of the service. |
| Rationale | This requirement makes clear what the subject of the service description is. It supports the identification and citation of the service being described. |
| Verification | Completeness: Verify that the 2 elements are included Consistency: Not Applicable. Correctness: Not Applicable. |
| Examples/Notes | Example service identifications: <ul style="list-style-type: none">• "TargetOffBlockTimeSetting service, version 1.3.0";• "FlightManagement service, version 20.0". Note: To improve readability across service descriptions, it is best practice to apply following conventions for a service name: <ul style="list-style-type: none">• include the operational concept supported or the information being exchanged;• be a maximum of five words in length;• be represented using UpperCamelCase, and not use snake_case; and• not end with the 'service' suffix. |
| Level of Implementation | Mandatory |

Guidance

Examples

See the [Service Identification section](#) within the [Donlon TOBT Setting Service Description](#).

Guidance for JSON service description



tentative JSON Guidance

[Guidance for JSON service descriptions](#) integrated within the [SWIM Service Description Handbook](#).

Schema

The guidance concerns JSON Schema v0.0.3 (see [Schema releases](#)).

```

"informationService":
{
  "description" : "the description of an information service [SWIM-SERV-001]",
  "$ref" : "#/definitions/InformationService"
}

"InformationService" :
{
  "description" : "A type of service that provides an ATM information sharing
capability.",
  "type": "object",
  "additionalProperties": false,
  "required": ["descriptionInformation", "name", "version", "serviceAbstract",
"serviceProvision", "serviceCategorisation", "serviceGeneralDescription",
"serviceInformationDescription", "serviceTechnicalDescription", "serviceDescriptionReferences",
"serviceInterface"],
  "properties":
    "name":
    {
      "description" : "A piece of identifying information that gives
stakeholders a way to reference or identify a service. [SWIM-SERV-006]",
      "type" : "string",
      "minLength":1
    },
    "version":
    {
      "description" : "The version of the information service. [SWIM-
SERV-006]",
      "type" : "string",
      "minLength":1
    },
  }
}

```

Rules expressed for the cases as defined in Registry URD.

| case | rules |
|------------|-----------|
| COMPLIANT | Mandatory |
| CANDIDATE | same |
| DEFINITION | same |

Guidance

Within field informationService, fill in the following attributes

| attribute | type | description | guidance | rule |
|-----------|--------|--|--|-----------|
| name | string | A piece of identifying information that gives stakeholders a way to reference or identify a service. | Provide the name of the service. Include the service name only; avoid suffixing with " service". | Mandatory |
| version | string | The version of the information service. | Provide the version of the service. The version is always provided regardless of whether or not there are multiple versions of a service. Each version of a service shall have its own completed description. Rationale: enables consumers to distinguish between releases of the service. | Mandatory |

Example

```
"informationService": {  
    "name": "TargetOffBlockTimeSetting",  
    "version": "1.0.0"  
}
```

A complete JSON example is available in page [JSON example - Donlon TOBT Setting service description](#).