Service Inventory Management Conformance Profile

NOTICE

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Introduction - API description

The following document is the conformance specification of the Async API for Any management.

Resource Model Conformance

API Mandatory Resources

The following table indicates the mandatory resources for this API.

Resource Name	Comment
Service	

General Notes on Resource Attribute Conformance

There are three situations that could occur for an attribute:

- Mandatory attribute,

- Mandatory attribute if the optional parent attribute is present,

- Non-mandatory/Optional attribute. Those are all the other attributes not mentioned in the following subsections. Please refer to the corresponding API REST Specification for more details.

- The tables in the subsections below indicate which attributes are mandatory including mandatory when an optional parent is present.

- Where a resource is an input into an API (e.g. CREATE, PATCH), Mandatory means that the attribute value must be supplied by the API consumer in the input (and must not be blank or null).

- Where a resource is an output from an API (e.g. RETRIEVE, LIST, CREATE), Mandatory means that the attribute value must be supplied by the API provider in the output (and must not be blank or null).

- For a sub-resource that is not an array, Mandatory (cardinality 1..1) means that the sub-resource must be present, while Optional (cardinality 0..1) means that the sub-resource may be absent. Mandatory and Optional on the sub-resource attributes apply to the sub-resource if present.

- For a sub-resource that is an array, Mandatory (cardinality 1..**) means that at least one sub-resource must be present in the array, while Optional (cardinality 0..**) means that the array may be absent. Mandatory and Optional on the sub-resource attributes apply to each of the sub-resources if present.

In this table are listed all mandatory attributes. A mandatory attribute MUST be retrieved in resource representation when no attribute selection is used (e.g. retrieveTroubleTicket.commandRequest {id}) without any attribute selection

When an attribute is listed with an indentation (in second column) it means this attribute is mandatory if root (parent) attribute is present.

Service Resource Mandatory Attributes

Mandatory attribute when parent is present	Rule
@type	M
id	M (in response messages)
serviceDate	M (in response messages)
state	M
topicRef	M
externalIdentifier (if present)	
@type	M
id	M
feature (if present)	
@type	M
name	M
feature.constraint (if present)	
@type	M
id	M
feature.featureCharacteristic (if present)	
@type	M
name	M
feature.featureCharacteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
feature.featureRelationship (if present)	
name	M
relationshipType	M
intent (if present)	
@type	M
creationDate	M (in response messages)
id	M (in response messages)
lastUpdate	M (in response messages)
lifecycleStatus	M (in response messages)
name	M

Mandatory attribute when parent is present	Rule
intent.attachment (if present)	
@type	M
attachmentType	M
id	M
mimeType	M
intent.characteristic (if present)	
@type	M
name	M
intent.characteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
intent.expression (if present)	
@type	M
expressionValue	M
intent.intentRelationship (if present)	
@referredType	M
@type	M
id	M
relationshipType	M
intent.intentRelationship.associationSpec (if present)	
@type	M
id	M
intent.intentSpecification (if present)	
@type	M
id	M
intent.relatedParty (if present)	
@type	M
role	M
intent.relatedParty.partyOrPartyRole (if present)	
@type	M
id	M
note (if present)	

Mandatory attribute when parent is present		Rule
	@type	M
place (if present)		
	@type	M
	place	M
	role	M
place.place (if present)		
	@type	M
	id	M
place.place.calendar (if present)		
	@type	M
	status	M
place.place.calendar.hourPeriod (if present)		
	@type	M
place.place.countryCode (if present)		
	@type	M
place.place.externalIdentifier (if present)		
	@type	M
	id	M
place.place.geographicLocation (if present)		
	@type	M
	id	M
place.place.geographicSubAddress (if present)		
	@type	M
place.place.geographicSubAddress.subUnit (if present)		
	@type	M
	subUnitNumber	M
	subUnitType	M
place.place.relatedParty (if present)		
	@type	M
	role	M
place.place.relatedParty.partyOrPartyRole (if present)		
	@type	M
	engagedParty	M

Mandatory attribute when parent is present	Rule
id	M
name	M
place.place.relatedParty.partyOrPartyRole.account (if present)	
@type	M
id	M
place.place.relatedParty.partyOrPartyRole.agreement (if present)	
@type	M
id	M
place.place.relatedParty.partyOrPartyRole.characteristic (if present)	
@type	M
name	M
place.place.relatedParty.partyOrPartyRole.characteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
place.place.relatedParty.partyOrPartyRole.contactMedium (if present)	
@type	M
place.place.relatedParty.partyOrPartyRole.creditProfile (if present)	
@type	M
place.place.relatedParty.partyOrPartyRole.creditRating (if present)	
@type	M
place.place.relatedParty.partyOrPartyRole.engagedParty (if present)	
@type	M
id	M
place.place.relatedParty.partyOrPartyRole.externalReference (if present)	
@type	M
id	M

Mandatory attribute when parent is present	Rule
place.place.relatedParty.partyOrPartyRole.individualIdentification (if present)	
@type	M
place.place.relatedParty.partyOrPartyRole.individualIdentification.attachment (if present)	
@type	M
attachmentType	M
id	M
mimeType	M
place.place.relatedParty.partyOrPartyRole.organizationChildRelationship (if present)	
@type	M
place.place.relatedParty.partyOrPartyRole.organizationChildRelationship.organization (if present)	
@type	M
id	M
place.place.relatedParty.partyOrPartyRole.organizationIdentification (if present)	
@type	M
place.place.relatedParty.partyOrPartyRole.organizationIdentification.attachment (if present)	
@type	M
attachmentType	M
id	M
mimeType	M
place.place.relatedParty.partyOrPartyRole.organizationParentRelationship (if present)	
@type	M
place.place.relatedParty.partyOrPartyRole.organizationParentRelationship.organization (if present)	
@type	M
id	M
place.place.relatedParty.partyOrPartyRole.otherName (if present)	
@type	M

Mandatory attribute when parent is present	Rule
place.place.relatedParty.partyOrPartyRole.partyCharacteristic (if present)	
@type	M
name	M
place.place.relatedParty.partyOrPartyRole.partyCharacteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
place.place.relatedParty.partyOrPartyRole.partyRoleSpecification (if present)	
@type	M
id	M
place.place.relatedParty.partyOrPartyRole.paymentMethod (if present)	
@type	M
id	M
place.place.relatedParty.partyOrPartyRole.taxExemptionCertificate (if present)	
@type	M
place.place.relatedParty.partyOrPartyRole.taxExemptionCertificate.attachment (if present)	
@type	M
attachmentType	M
id	M
mimeType	M
place.place.relatedParty.partyOrPartyRole.taxExemptionCertificate.taxDefinition (if present)	
@type	M
place.place.siteRelationship (if present)	
@type	M
id	M
relationshipType	M
relatedEntity (if present)	
@type	M

Mandatory attribute when parent is present	Rule
entity	M
role	M
relatedEntity.entity (if present)	
@type	M
id	M
relatedParty (if present)	
@type	M
role	M
relatedParty.partyOrPartyRole (if present)	
@type	M
id	M
serviceCharacteristic (if present)	
@type	M
name	M
serviceCharacteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
serviceOrderItem (if present)	
@type	M
serviceRelationship (if present)	
@type	M
relationshipType	M
serviceRelationship.service (if present)	
@type	M
id	M
serviceDate	M
serviceSpecification	M
state	M
serviceRelationship.service.externalIdentifier (if present)	
@type	M
id	M
serviceRelationship.service.feature (if present)	

Mandatory attribute when parent is present	Rule
@type	M
name	M
serviceRelationship.service.feature.constraint (if present)	
@type	M
id	M
serviceRelationship.service.feature.featureCharacteristic (if present)	
@type	M
name	M
serviceRelationship.service.feature.featureCharacteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
serviceRelationship.service.feature.featureRelationship (if present)	
name	M
relationshipType	M
serviceRelationship.service.intent (if present)	
@type	M
creationDate	M (in response messages)
id	M (in response messages)
lastUpdate	M (in response messages)
lifecycleStatus	M (in response messages)
name	M
serviceRelationship.service.intent.attachment (if present)	
@type	M
attachmentType	M
id	M
mimeType	M
serviceRelationship.service.intent.characteristic (if present)	
@type	M
name	M

Mandatory attribute when parent is present	Rule
serviceRelationship.service.intent.characteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
serviceRelationship.service.intent.expression (if present)	
@type	M
expressionValue	M
serviceRelationship.service.intent.intentRelationship (if present)	
@referredType	M
@type	M
id	M
relationshipType	M
serviceRelationship.service.intent.intentRelationship.associationSpec (if present)	
@type	M
id	M
serviceRelationship.service.intent.intentSpecification (if present)	
@type	M
id	M
serviceRelationship.service.intent.relatedParty (if present)	
@type	M
role	M
serviceRelationship.service.intent.relatedParty.partyOrPartyRole (if present)	
@type	M
id	M
serviceRelationship.service.note (if present)	
@type	M
serviceRelationship.service.place (if present)	
@type	M
place	M
role	M

Mandatory attribute when parent is present	Rule
serviceRelationship.service.place.place (if present)	
@type	M
id	M
serviceRelationship.service.place.place.calendar (if present)	
@type	M
status	M
serviceRelationship.service.place.place.calendar.hourPeriod (if present)	
@type	M
serviceRelationship.service.place.place.countryCode (if present)	
@type	M
serviceRelationship.service.place.place.externalIdentifier (if present)	
@type	M
id	M
serviceRelationship.service.place.place.geographicLocation (if present)	
@type	M
id	M
serviceRelationship.service.place.place.geographicSubAddress (if present)	
@type	M
serviceRelationship.service.place.place.geographicSubAddress.subUnit (if present)	
@type	M
subUnitNumber	M
subUnitType	M
serviceRelationship.service.place.place.relatedParty (if present)	
@type	M
role	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole (if present)	
@type	M

Mandatory attribute when parent is present	Rule
engagedParty	M
id	M
name	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.account (if present)	
@type	M
id	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.agreement (if present)	
@type	M
id	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.characteristic (if present)	
@type	M
name	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.characteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.contactMedium (if present)	
@type	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.creditProfile (if present)	
@type	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.creditRating (if present)	
@type	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.engagedParty (if present)	
@type	M
id	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.externalReference (if present)	

Mandatory attribute when parent is present	Rule
@type	M
id	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.individualIdentification (if present)	
@type	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.individualIdentification.attachment (if present)	
@type	M
attachmentType	M
id	M
mimeType	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.organizationChildRelationship (if present)	
@type	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.organizationChildRelationship.organization (if present)	
@type	M
id	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.organizationIdentification (if present)	
@type	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.organizationIdentification.attachment (if present)	
@type	M
attachmentType	M
id	M
mimeType	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.organizationParentRelationship (if present)	
@type	M
serviceRelationship.service.place.place.relatedParty.partyOrPartyRole.organizationParentRelationship.organization (if present)	
@type	M

Mandatory attribute when parent is present	Rule
id	M
serviceRelationship.service.place.place.relatedParty.party OrPartyRole.otherName (if present)	
@type	M
serviceRelationship.service.place.place.relatedParty.party OrPartyRole.partyCharacteristic (if present)	
@type	M
name	M
serviceRelationship.service.place.place.relatedParty.party OrPartyRole.partyCharacteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
serviceRelationship.service.place.place.relatedParty.party OrPartyRole.partyRoleSpecification (if present)	
@type	M
id	M
serviceRelationship.service.place.place.relatedParty.party OrPartyRole.paymentMethod (if present)	
@type	M
id	M
serviceRelationship.service.place.place.relatedParty.party OrPartyRole.taxExemptionCertificate (if present)	
@type	M
serviceRelationship.service.place.place.relatedParty.party OrPartyRole.taxExemptionCertificate.attachment (if present)	
@type	M
attachmentType	M
id	M
mimeType	M
serviceRelationship.service.place.place.relatedParty.party OrPartyRole.taxExemptionCertificate.taxDefinition (if present)	
@type	M

Mandatory attribute when parent is present	Rule
serviceRelationship.service.place.place.siteRelationship (if present)	
@type	M
id	M
relationshipType	M
serviceRelationship.service.relatedEntity (if present)	
@type	M
entity	M
role	M
serviceRelationship.service.relatedEntity.entity (if present)	
@type	M
id	M
serviceRelationship.service.relatedParty (if present)	
@type	M
role	M
serviceRelationship.service.relatedParty.partyOrPartyRole (if present)	
@type	M
id	M
serviceRelationship.service.serviceCharacteristic (if present)	
@type	M
name	M
serviceRelationship.service.serviceCharacteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
serviceRelationship.service.serviceOrderItem (if present)	
@type	M
serviceRelationship.service.serviceSpecification (if present)	
@type	M
id	M

Mandatory attribute when parent is present	Rule
serviceRelationship.service.supportingResource (if present)	
@type	M
id	M
serviceRelationship.serviceRelationshipCharacteristic (if present)	
@type	M
name	M
serviceRelationship.serviceRelationshipCharacteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
serviceSpecification (if present)	
@type	M
id	M
supportingResource (if present)	
@type	M
id	M
supportingService (if present)	
@type	M
id	M
serviceDate	M
serviceSpecification	M
state	M
supportingService.externalIdentifier (if present)	
@type	M
id	M
supportingService.feature (if present)	
@type	M
name	M
supportingService.feature.constraint (if present)	
@type	M
id	M

Mandatory attribute when parent is present	Rule
supportingService.feature.featureCharacteristic (if present)	
@type	M
name	M
supportingService.feature.featureCharacteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
supportingService.feature.featureRelationship (if present)	
name	M
relationshipType	M
supportingService.intent (if present)	
@type	M
creationDate	M (in response messages)
id	M (in response messages)
lastUpdate	M (in response messages)
lifecycleStatus	M (in response messages)
name	M
supportingService.intent.attachment (if present)	
@type	M
attachmentType	M
id	M
mimeType	M
supportingService.intent.characteristic (if present)	
@type	M
name	M
supportingService.intent.characteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
supportingService.intent.expression (if present)	
@type	M

Mandatory attribute when parent is present	Rule
expressionValue	M
supportingService.intent.intentRelationship (if present)	
@referredType	M
@type	M
id	M
relationshipType	M
supportingService.intent.intentRelationship.associationSpec (if present)	
@type	M
id	M
supportingService.intent.intentSpecification (if present)	
@type	M
id	M
supportingService.intent.relatedParty (if present)	
@type	M
role	M
supportingService.intent.relatedParty.partyOrPartyRole (if present)	
@type	M
id	M
supportingService.note (if present)	
@type	M
supportingService.place (if present)	
@type	M
place	M
role	M
supportingService.place.place (if present)	
@type	M
id	M
supportingService.place.place.calendar (if present)	
@type	M
status	M
supportingService.place.place.calendar.hourPeriod (if present)	

Mandatory attribute when parent is present	Rule
@type	M
supportingService.place.place.countryCode (if present)	
@type	M
supportingService.place.place.externalIdentifier (if present)	
@type	M
id	M
supportingService.place.place.geographicLocation (if present)	
@type	M
id	M
supportingService.place.place.geographicSubAddress (if present)	
@type	M
supportingService.place.place.geographicSubAddress.subUnit (if present)	
@type	M
subUnitNumber	M
subUnitType	M
supportingService.place.place.relatedParty (if present)	
@type	M
role	M
supportingService.place.place.relatedParty.partyOrPartyRole (if present)	
@type	M
engagedParty	M
id	M
name	M
supportingService.place.place.relatedParty.partyOrPartyRole.account (if present)	
@type	M
id	M
supportingService.place.place.relatedParty.partyOrPartyRole.agreement (if present)	
@type	M

Mandatory attribute when parent is present	Rule
id	M
supportingService.place.place.relatedParty.partyOrPartyRole.characteristic (if present)	
@type	M
name	M
supportingService.place.place.relatedParty.partyOrPartyRole.characteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
supportingService.place.place.relatedParty.partyOrPartyRole.contactMedium (if present)	
@type	M
supportingService.place.place.relatedParty.partyOrPartyRole.creditProfile (if present)	
@type	M
supportingService.place.place.relatedParty.partyOrPartyRole.creditRating (if present)	
@type	M
supportingService.place.place.relatedParty.partyOrPartyRole.engagedParty (if present)	
@type	M
id	M
supportingService.place.place.relatedParty.partyOrPartyRole.externalReference (if present)	
@type	M
id	M
supportingService.place.place.relatedParty.partyOrPartyRole.individualIdentification (if present)	
@type	M
supportingService.place.place.relatedParty.partyOrPartyRole.individualIdentification.attachment (if present)	
@type	M
attachmentType	M
id	M
mimeType	M

Mandatory attribute when parent is present	Rule
supportingService.place.place.relatedParty.partyOrPartyRole.organizationChildRelationship (if present)	
@type	M
supportingService.place.place.relatedParty.partyOrPartyRole.organizationChildRelationship.organization (if present)	
@type	M
id	M
supportingService.place.place.relatedParty.partyOrPartyRole.organizationIdentification (if present)	
@type	M
supportingService.place.place.relatedParty.partyOrPartyRole.organizationIdentification.attachment (if present)	
@type	M
attachmentType	M
id	M
mimeType	M
supportingService.place.place.relatedParty.partyOrPartyRole.organizationParentRelationship (if present)	
@type	M
supportingService.place.place.relatedParty.partyOrPartyRole.organizationParentRelationship.organization (if present)	
@type	M
id	M
supportingService.place.place.relatedParty.partyOrPartyRole.otherName (if present)	
@type	M
supportingService.place.place.relatedParty.partyOrPartyRole.partyCharacteristic (if present)	
@type	M
name	M
supportingService.place.place.relatedParty.partyOrPartyRole.partyCharacteristic.characteristicRelationship (if present)	
@type	M
id	M

Mandatory attribute when parent is present	Rule
relationshipType	M
supportingService.place.place.relatedParty.partyOrPartyRole.partyRoleSpecification (if present)	
@type	M
id	M
supportingService.place.place.relatedParty.partyOrPartyRole.paymentMethod (if present)	
@type	M
id	M
supportingService.place.place.relatedParty.partyOrPartyRole.taxExemptionCertificate (if present)	
@type	M
supportingService.place.place.relatedParty.partyOrPartyRole.taxExemptionCertificate.attachment (if present)	
@type	M
attachmentType	M
id	M
mimeType	M
supportingService.place.place.relatedParty.partyOrPartyRole.taxExemptionCertificate.taxDefinition (if present)	
@type	M
supportingService.place.place.siteRelationship (if present)	
@type	M
id	M
relationshipType	M
supportingService.relatedEntity (if present)	
@type	M
entity	M
role	M
supportingService.relatedEntity.entity (if present)	
@type	M
id	M
supportingService.relatedParty (if present)	
@type	M
role	M

Mandatory attribute when parent is present	Rule
supportingService.relatedParty.partyOrPartyRole (if present)	
@type	M
id	M
supportingService.serviceCharacteristic (if present)	
@type	M
name	M
supportingService.serviceCharacteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
supportingService.serviceOrderItem (if present)	
@type	M
supportingService.serviceRelationship (if present)	
@type	M
relationshipType	M
supportingService.serviceRelationship.serviceRelationshipCharacteristic (if present)	
@type	M
name	M
supportingService.serviceRelationship.serviceRelationshipCharacteristic.characteristicRelationship (if present)	
@type	M
id	M
relationshipType	M
supportingService.serviceSpecification (if present)	
@type	M
id	M
supportingService.supportingResource (if present)	
@type	M
id	M

Notification Model Conformance

There are no mandatory notifications for this API.

API Operations Conformance

For every single resource, the following tables include mandatory operations.

Operation

Every operation consists of two parts:

- REQUEST: Publish a message on a 'commandRequest' channel.
- RESPONSE: Subscribe to the corresponding 'commandReply' channel to receive the response.

Prefix

All channel names are defined with a "{prefix}" parameter.

Let's take the example of {prefix}.tmfapi.Service.v5.retrieveService.commandRequest.

This topic name consists of two pieces:

1. a optional prefix **{prefix}**
2. a constant: **tmfapi.Service.v5.retrieveService.commandRequest**

Your application may support this channel both with and without a prefix, but the constant must always be present.

Without the prefix, the channel name is: **tmfapi.Service.v5.retrieveService.commandRequest**

However, some organisations may prefix the channel name for administrative purposes, say to denote the name of a company, department, etc. When using a prefix, say 'acme' for a company named 'Acme Telecom', the channel name is:
acme.tmfapi.Service.v5.retrieveService.commandRequest

Service Mandatory Operations

The following table indicates which ones are mandatory for the Service resource:

Uniform API Operation	Comment
RETRIEVE	Retrieve a Service given it's id
LIST	Retrieve a list of Services
CREATE	Create a Service

RETRIEVE Operation Conformance

Service

This operation retrieves a Service entity.

Channels

REQUEST CHANNEL	{prefix}.serviceInventoryManagement.v5.retrieveService.commandRequest
REPLY CHANNEL	{prefix}.serviceInventoryManagement.v5.retrieveService.commandReply

Note: See the API Operations Conformance section above for more details on the request and reply channels.

Request Message Schema

Payload

The parameters for this operation are to be sent as headers.

Headers

Property		Mandatory/Optional
X-Correlation-Id		M
Reply-Channel		M
Parameters		M
	id	M
	fields	
Query-Filters		

Response Message Schema

Payload

The Payload is is a Service resource entity.

Headers

Property	Mandatory/Optional
X-Correlation-Id	M
Status-Code	M

Property	Mandatory/Optional
X-Request-Channel	M

Expected Status Codes:

Status Code	Mandatory/Optional
200 if successful	M
404 if not found	M

Definitions for Filter

- Filtered Search: A filtered search can be applied using query parameters to obtain only the resources that meet the criteria defined by the filtering parameters included in the request. Several elements can be applied to the filtered search as part of the 'filters' parameter. In that case logic, a logical AND is applied to combine the criteria (e.g.severity=<value>&status=<value>).

- Attribute selection (Limiting Response Data): In order to limit which attributes are included in the response, the RETRIEVE request payload can include the fields parameter. Only those attributes whose names are supplied in this parameter will be returned. Attribute selection capabilities are the same for collections retrieval and individual resource queries.

- Level: The filtering and attribute selection can apply to the top level properties (attributes) and subproperties. The tables below show which attributes need to be supported in top-level or contained resources.

LIST Operation Conformance

Service

This operation retrieves an array of Service entities. Attribute selection is enabled for all first level attributes.

Channels

REQUEST CHANNEL	{prefix}.serviceInventoryManagement.v5.listService.commandRequest
REPLY CHANNEL	{prefix}.serviceInventoryManagement.v5.listService.commandReply

Note: See the API Operations Conformance section above for more details on the request and reply channels.

Request Message Schema

Payload

The parameters for this operation are to be sent as headers.

Headers

Property		Mandatory/Optional
X-Correlation-Id		M
Reply-Channel		M
Parameters		M
	fields	
	offset	
	limit	
Query-Filters		

Response Message Schema

Payload

The Payload is is an array of Service resource entities.

Headers

Property	Mandatory/Optional
X-Correlation-Id	M
Status-Code	M
X-Total-Count	
X-Result-Count	
X-Request-Channel	M

Expected Status Codes:

Status Code	Mandatory/Optional
200 if successful	M
404 if not found	M

Definitions for Filter

- Filtered Search: A filtered search can be applied using query parameters to obtain only the resources that meet the criteria defined by the filtering parameters included in the request. Several elements can be applied to the filtered search as part of the 'filters' parameter. In that case logic, a logical AND is applied to combine the criteria (e.g.severity=<value>&status=<value>).

- Attribute selection (Limiting Response Data): In order to limit which attributes are included in the response, the RETRIEVE request payload can include the fields parameter. Only those attributes whose names are supplied in this parameter will be returned. Attribute selection capabilities are the same for collections retrieval and individual resource queries.

- Level: The filtering and attribute selection can apply to the top level properties (attributes) and subproperties. The tables below show which attributes need to be supported in top-level or contained resources.

CREATE Operation Conformance

Service

This operation creates a Service entity.

Channels

REQUEST CHANNEL	{prefix}.serviceInventoryManagement.v5.create Service.commandRequest
REPLY CHANNEL	{prefix}.serviceInventoryManagement.v5.create Service.commandReply

Note: See the API Operations Conformance section above for more details on the request and reply channels.

Request Message Schema

Payload

The Payload is is a Service FVO resource entity.

The following table provides the list of mandatory attributes when creating an instance of the Service resource, including any possible rule, conditions and applicable default values.

Mandatory Attribute	Rule
@type	
serviceSpecification	
serviceSpecification.@type	
serviceSpecification.id	
state	

Headers

Property		Mandatory/Optional
X-Correlation-Id		M
Reply-Channel		M
Parameters		M
	fields	

Response Message Schema

Payload

The Payload is is a Service resource entity.

Headers

Property	Mandatory/Optional
X-Correlation-Id	M
Status-Code	M
X-Request-Channel	M

Expected Status Codes:

Status Code	Mandatory/Optional
201 if successful	M

PATCH Operation Conformance

Service

This operation updates partially a Service entity.

Channels

REQUEST CHANNEL	{prefix}.serviceInventoryManagement.v5.patchService.commandRequest
REPLY CHANNEL	{prefix}.serviceInventoryManagement.v5.patchService.commandReply

Note: See the API Operations Conformance section above for more details on the request and reply channels.

Request Message Schema

Payload

The Payload is is a Service MVO resource entity.

Headers

Property		Mandatory/Optional
X-Correlation-Id		M
Reply-Channel		M
Parameters		M
	id	M
	fields	

Response Message Schema

Payload

The Payload is is a Service resource entity.

Headers

Property	Mandatory/Optional
X-Correlation-Id	M
Status-Code	M
X-Request-Channel	M

Expected Status Codes:

Status Code	Mandatory/Optional
200 if successful	M

Patchable and Non Patchable Attributes:

Non Patchable Attribute	Rule
@baseType	@baseType is immutable
@schemaLocation	@schemaLocation is immutable
@type	@type is immutable
href	
id	
serviceDate	

Patchable Attribute	Rule
category	
description	
endDate	
externalIdentifier	
feature	
hasStarted	
intent	
isBundle	
isServiceEnabled	
isStateful	
name	
note	
operatingStatus	
place	
relatedEntity	
relatedParty	
serviceCharacteristic	
serviceOrderItem	
serviceRelationship	
serviceSpecification	

Patchable Attribute	Rule
serviceType	
startDate	
startMode	
state	
supportingResource	
supportingService	

Patchable Attribute	Rule

DELETE Operation Conformance

Service

This operation deletes a Service entity.

Channels

REQUEST CHANNEL	{prefix}.serviceInventoryManagement.v5.deleteService.commandRequest
REPLY CHANNEL	{prefix}.serviceInventoryManagement.v5.deleteService.commandReply

Note: See the API Operations Conformance section above for more details on the request and reply channels.

Request Message Schema

Payload

The parameters for this operation are to be sent as headers.

Headers

Property		Mandatory/Optional
X-Correlation-Id		M
Reply-Channel		M
Parameters		M
	id	M

Response Message Schema

Payload

There is no Payload defined for this channel

Headers

Property	Mandatory/Optional
X-Correlation-Id	M
Status-Code	M
X-Request-Channel	M

Expected Status Codes:

Status Code	Mandatory/Optional
204 if successful	M

Acknowledgements

Release History

Release Number	Date	Release led by:	Description

Version History

Version Number	Date	Modified by	Description