Product Catalog 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
ProductOffering	
ProductOfferingPrice	
ProductSpecification	

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.

ProductOffering Resource Mandatory Attributes

Mandatory attribute when parent is present	Rule
@type	M
id	M
lastUpdate	M
lifecycleStatus	M
name	M
topicRef	M
agreement (if present)	
@referredType	M
@type	M
id	M
allowedAction (if present)	
@type	M
allowedAction.channel (if present)	
@referredType	M
@type	M
id	M
attachment (if present)	
@referredType	M
@type	M
attachmentType	M
id	M
mimeType	M
attachment.size (if present)	
amount	M
units	M
bundledGroupProductOffering (if present)	
@type	M
bundledProductOffering	M
name	M
bundledGroupProductOffering.bundledGroupProductOfferingOption (if present)	
@type	M

Mandatory attribute when parent is present	Rule
numberRelOfferLowerLimit	M
numberRelOfferUpperLimit	M
bundledGroupProductOffering.bundledProductOffering (if present)	
@referredType	M
@type	M
id	M
name	M
bundledGroupProductOffering.bundledProductOffering.bundledProductOfferingOption (if present)	
@type	M
numberRelOfferDefault	M
numberRelOfferLowerLimit	M
numberRelOfferUpperLimit	M
bundledProductOffering (if present)	
@referredType	M
@type	M
bundledProductOfferingOption	M
id	M
name	M
bundledProductOffering.bundledProductOfferingOption (if present)	
@type	M
numberRelOfferDefault	M
numberRelOfferLowerLimit	M
numberRelOfferUpperLimit	M
category (if present)	
@referredType	M
@type	M
id	M
name	M
channel (if present)	
@referredType	M
@type	M

Mandatory attribute when parent is present	Rule
id	M
marketSegment (if present)	
@referredType	M
@type	M
id	M
place (if present)	
@referredType	M
@type	M
id	M
policy (if present)	
@referredType	M
@type	M
id	M
prodSpecCharValueUse (if present)	
@type	M
id	M
name	M
productSpecCharacteristicValue	M
valueType	M
prodSpecCharValueUse.productSpecCharacteristicValue (if present)	
@type	M
valueType	M
prodSpecCharValueUse.productSpecification (if present)	
@referredType	M
@type	M
id	M
name	M
prodSpecCharValueUse.productSpecification.targetProductSchema (if present)	
@schemaLocation	M
@type	M
productOfferingCharacteristic (if present)	
@type	M

Mandatory attribute when parent is present	Rule
id	M
name	M
valueType	M
productOfferingCharacteristic.charSpecRelationship (if present)	
@type	M
name	M
parentSpecificationId	M
relationshipType	M
productOfferingCharacteristic.characteristicValueSpecification (if present)	
@type	M
productOfferingPrice (if present)	
@referredType	M
@type	M
id	M
name	M
productOfferingPrice.bundledPopRelationship (if present)	
@referredType	M
@type	M
id	M
productOfferingPrice.place (if present)	
@referredType	M
@type	M
id	M
productOfferingPrice.policy (if present)	
@referredType	M
@type	M
id	M
productOfferingPrice.popRelationship (if present)	
@referredType	M
@type	M
id	M
relationshipType	M

Mandatory attribute when parent is present	Rule
productOfferingPrice.price (if present)	
unit	M
value	M
productOfferingPrice.pricingLogicAlgorithm (if present)	
@type	M
productOfferingPrice.prodSpecCharValueUse (if present)	
@type	M
name	M
productSpecCharacteristicValue	M
productOfferingPrice.prodSpecCharValueUse.productSpecCharacteristicValue (if present)	
@type	M
productOfferingPrice.prodSpecCharValueUse.productSpecification (if present)	
@referredType	M
@type	M
id	M
name	M
productOfferingPrice.prodSpecCharValueUse.productSpecification.targetProductSchema (if present)	
@schemaLocation	M
@type	M
productOfferingPrice.productOfferingTerm (if present)	
@type	M
productOfferingPrice.productOfferingTerm.duration (if present)	
amount	M
units	M
productOfferingPrice.tax (if present)	
@type	M
productOfferingPrice.tax.taxAmount (if present)	
unit	M
value	M
productOfferingPrice.unitOfMeasure (if present)	

Mandatory attribute when parent is present	Rule
amount	M
units	M
productOfferingRelationship (if present)	
@referredType	M
@type	M
id	M
productOfferingTerm (if present)	
@type	M
productOfferingTerm.duration (if present)	
amount	M
units	M
productSpecification (if present)	
@referredType	M
@type	M
id	M
name	M
productSpecification.targetProductSchema (if present)	
@schemaLocation	M
@type	M
resourceCandidate (if present)	
@referredType	M
@type	M
id	M
serviceCandidate (if present)	
@referredType	M
@type	M
id	M
serviceLevelAgreement (if present)	
@referredType	M
@type	M
id	M

ProductOfferingPrice Resource Mandatory Attributes

Mandatory attribute when parent is present	Rule
id	M
lastUpdate	M
lifecycleStatus	M
name	M
topicRef	M
bundledPopRelationship (if present)	
@referredType	M
@type	M
id	M
place (if present)	
@referredType	M
@type	M
id	M
policy (if present)	
@referredType	M
@type	M
id	M
popRelationship (if present)	
@referredType	M
@type	M
id	M
price (if present)	
unit	M
value	M
pricingLogicAlgorithm (if present)	
@type	M
id	M
prodSpecCharValueUse (if present)	
@type	M
name	M
valueType	M

Mandatory attribute when parent is present	Rule
prodSpecCharValueUse.productSpecCharacteristicValue (if present)	
@type	M
valueType	M
prodSpecCharValueUse.productSpecification (if present)	
@referredType	M
@type	M
id	M
name	M
prodSpecCharValueUse.productSpecification.targetProductSchema (if present)	
@type	M
productOfferingTerm (if present)	
@type	M
productOfferingTerm.duration (if present)	
amount	M
units	M
tax (if present)	
@type	M
taxAmount	M
tax.taxAmount (if present)	
unit	M
value	M
unitOfMeasure (if present)	
amount	M
units	M

ProductSpecification Resource Mandatory Attributes

Mandatory attribute when parent is present	Rule
id	M
lastUpdate	M
lifecycleStatus	M
name	M

Mandatory attribute when parent is present	Rule
topicRef	M
attachment (if present)	
@referredType	M
@type	M
attachmentType	M
id	M
mimeType	M
attachment.size (if present)	
amount	M
units	M
bundledProductSpecification (if present)	
@type	M
id	M
name	M
category (if present)	
@referredType	M
@type	M
id	M
name	M
intentSpecification (if present)	
@referredType	M
@type	M
id	M
policy (if present)	
@referredType	M
@type	M
id	M
productSpecCharacteristic (if present)	
@type	M
name	M
valueType	M
productSpecCharacteristic.charSpecRelationship (if present)	
@type	M

Mandatory attribute when parent is present	Rule
name	M
parentSpecificationId	M
relationshipType	M
productSpecCharacteristic.characteristicValueSpecification (if present)	
@type	M
productSpecificationRelationship (if present)	
@referredType	M
@type	M
id	M
productSpecificationRelationship.characteristic (if present)	
@type	M
name	M
valueType	M
productSpecificationRelationship.characteristic.charSpecRelationship (if present)	
@type	M
name	M
parentSpecificationId	M
relationshipType	M
productSpecificationRelationship.characteristic.characteristicValueSpecification (if present)	
@type	M
relatedParty (if present)	
@type	M
partyOrPartyRole	M
role	M
relatedParty.partyOrPartyRole (if present)	
@referredType	M
@type	M
id	M
resourceSpecification (if present)	
@referredType	M

Mandatory attribute when parent is present	Rule
@type	M
id	M
name	M
serviceSpecification (if present)	17
@referredType	M
@type	M
id	M
name	M
targetProductSchema (if present)	
@type	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.ProductOffering.v5.retrieveProductOffering.commandRequest.

This topic name consists of two pieces:

1. a optional prefix **{prefix}**

2. a constant: **tmfapi.ProductOffering.v5.retrieveProductOffering.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.ProductOffering.v5.retrieveProductOffering.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.ProductOffering.v5.retrieveProductOffering.commandRequest

ProductOffering Mandatory Operations

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

Uniform API Operation	Comment
DELETE	Delete a ProductOffering
RETRIEVE	Retrieve a ProductOffering given it's id
LIST	Retrieve a list of ProductOfferings
CREATE	Create a ProductOffering

ProductOfferingPrice Mandatory Operations

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

Uniform API Operation	Comment
DELETE	Delete a ProductOfferingPrice
RETRIEVE	Retrieve a ProductOfferingPrice given it's id
LIST	Retrieve a list of ProductOfferingPrices
CREATE	Create a ProductOfferingPrice

ProductSpecification Mandatory Operations

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

Uniform API Operation	Comment
DELETE	Delete a ProductSpecification
RETRIEVE	Retrieve a ProductSpecification given it's id
LIST	Retrieve a list of ProductSpecifications
CREATE	Create a ProductSpecification

RETRIEVE Operation Conformance

ProductOffering

This operation retrieves a ProductOffering entity.

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.retrieveProductOffering.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.retrieveProductOffering.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 ProductOffering 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

ProductOfferingPrice

This operation retrieves a ProductOfferingPrice entity.

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.retrieveProductOfferingPrice.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.retrieveProductOfferingPrice.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 ProductOfferingPrice 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
404 if not found	M

ProductSpecification

This operation retrieves a ProductSpecification entity.

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.retrieveProductSpecification.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.retrieveProductSpecification.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

Property		Mandatory/Optional
	fields	
Query-Filters		

Response Message Schema

Payload

The Payload is is a ProductSpecification 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
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

ProductOffering

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

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.listProductOffering.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.listProductOffering.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 ProductOffering 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

ProductOfferingPrice

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

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.listProductOfferingPrice.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.listProductOfferingPrice.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	

Property		Mandatory/Optional
	limit	
Query-Filters		

Response Message Schema

Payload

The Payload is is an array of ProductOfferingPrice 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

ProductSpecification

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

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.listProductSpecification.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.listProductSpecification.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 ProductSpecification 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

ProductOffering

This operation creates a ProductOffering entity.

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.createProductOffering.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.createProductOffering.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 ProductOffering FVO resource entity.

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

Mandatory Attribute	Rule
@type	
name	

Headers

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

Response Message Schema

Payload

The Payload is is a ProductOffering 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

ProductOfferingPrice

This operation creates a ProductOfferingPrice entity.

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.createProductOfferingPrice.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.createProductOfferingPrice.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 ProductOfferingPrice FVO resource entity.

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

Mandatory Attribute	Rule
@type	
name	
priceType	

Headers

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

Response Message Schema

Payload

The Payload is is a ProductOfferingPrice 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

ProductSpecification

This operation creates a ProductSpecification entity.

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.createProductSpecification.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.createProductSpecification.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 ProductSpecification FVO resource entity.

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

Mandatory Attribute	Rule
@type	
name	

Headers

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

Response Message Schema

Payload

The Payload is is a ProductSpecification 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

ProductOffering

This operation updates partially a ProductOffering entity.

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.patchProductOffering.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.patchProductOffering.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 ProductOffering 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 ProductOffering 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	
lastUpdate	

Patchable Attribute	Rule
agreement	
allowedAction	
attachment	
bundledGroupProductOffering	
bundledProductOffering	
category	
channel	
description	
externalIdentifier	
isBundle	
isSellable	
lifecycleStatus	
marketSegment	
name	
place	
policy	
prodSpecCharValueUse	
productOfferingCharacteristic	
productOfferingPrice	
productOfferingRelationship	

Patchable Attribute	Rule
productOfferingTerm	
productSpecification	
resourceCandidate	
serviceCandidate	
serviceLevelAgreement	
statusReason	
validFor	
version	

ProductOfferingPrice

This operation updates partially a ProductOfferingPrice entity.

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.patchProductOfferingPrice.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.patchProductOfferingPrice.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 ProductOfferingPrice 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 ProductOfferingPrice 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	
lastUpdate	

Patchable Attribute	Rule
bundledPopRelationship	
description	
externalIdentifier	
isBundle	
lifecycleStatus	
name	
percentage	
place	
policy	
popRelationship	
price	
priceType	

Patchable Attribute	Rule
pricingLogicAlgorithm	
prodSpecCharValueUse	
productOfferingTerm	
recurringChargePeriodLength	
recurringChargePeriodType	
tax	
unitOfMeasure	
validFor	
version	

ProductSpecification

This operation updates partially a ProductSpecification entity.

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.patchProductSpecification.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.patchProductSpecification.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 ProductSpecification 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 ProductSpecification 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	
lastUpdate	

Patchable Attribute	Rule
attachment	
brand	
bundledProductSpecification	
category	
description	
externalIdentifier	
intentSpecification	
isBundle	
lifecycleStatus	
name	

Patchable Attribute	Rule
policy	
productNumber	
productSpecCharacteristic	
productSpecificationRelationship	
relatedParty	
resourceSpecification	
serviceSpecification	
targetProductSchema	
validFor	
version	

DELETE Operation Conformance

ProductOffering

This operation deletes a ProductOffering entity.

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.deleteProductOffering.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.deleteProductOffering.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

ProductOfferingPrice

This operation deletes a ProductOfferingPrice entity.

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.deleteProductOfferingPrice.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.deleteProductOfferingPrice.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

Property	Mandatory/Optional
X-Request-Channel	M

Expected Status Codes:

Status Code	Mandatory/Optional
204 if successful	M

ProductSpecification

This operation deletes a ProductSpecification entity.

Channels

REQUEST CHANNEL	{prefix}.productCatalogManagement.v5.deleteProductSpecification.commandRequest
REPLY CHANNEL	{prefix}.productCatalogManagement.v5.deleteProductSpecification.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