Update Variant Endpoint

Structure

Variant

Name	Type	Description	Required
`sku`	string	The **unique** SKU for the variant	Yes
`reference`	string	The **unique** reference for the variant	No
`name`	string	Display name of the variant	No
`summary`	string	A short summary of the variant	No
`description`	string	A detailed description of the variant	No
`barcode`	string	The barcode/UPC/EAN of the variant	No
`buyable`	boolean	Whether the variant can be purchased	No
`visible`	boolean	Whether the variant is visible in listings	No
`shippable`	boolean	Whether the variant is shippable	No
`discountable`	boolean	Whether discounts can be applied to this variant	No
`hide_when_no_stock`	boolean	Whether the variant should be hidden when out of stock	No
`infinite_stock`	boolean	Whether the variant has unlimited stock	No
`stock_level`	int	Current stock level	No
`stock_buffer`	int	The stock buffer	No

`tax_group`	string	The tax group applied to the variant	No
`minimum_quantity`	int	Minimum quantity per purchase	No
`maximum_quantity`	int	Maximum quantity per purchase	No
`multiples_of`	int	Purchasable only in multiples of this number	No
`weight`	float	Weight of the variant	No
`weight_unit`	string	Unit of weight (e.g., `kg`, `lb`)	No
`volume`	float	Volume of the variant	No
`volume_unit`	string	Unit of volume (e.g., `m^3`, `cm^3`)	No
`hs`	string	HS (Harmonized System) code for customs	No
`origin_country`	string	ISO country code of origin (e.g., `US`, `GB`)	No
`goods_description`	string	Description of goods for customs	No
`attributes`	array	An array of Attribute objects	Yes
`tags`	array	An array of Tag objects	No
`images`	array	An array of Image objects	No
`cost`	object	The Cost Price of the variant	No
`prices`	array	An array of Price objects	Yes
`additional_attributes`	array	An array of Additional Attribute objects	No
`specifications` `*`	array	An array of Specification objects	No
`specification_groups` `*`	array	An array of Specification Group objects	No
`upsells`	array	An array of Upsell objects	No

`*` `specifications` is if using `<1.0.0` version of `aerocargo/specifications`, otherwise use `specification_groups`.

Attribute

Name	Type	Description	Required
`name`	string	The name of the attribute (e.g., "Small" or "Red")	Yes
`tags`	array	An array of Tag objects linked to the attribute	No
`group`	object	The Attribute Group of the attribute	Yes

Attribute Group

Name	Type	Description	Required
`name`	string	The name of the attribute group (e.g., "Size", "Colour")	Yes

Tag

Name	Type	Description	Required
`name`	string	The name of the tag (e.g., "Small" or "Red")	Yes
`group`	object	The Tag Group of the tag	Yes

Tag Group

Name	Type	Description	Required
`name`	string	The name of the tag group (e.g., "Size" or "Colour"	Yes

Image

Name	Type	Description	Required
`src`	string	The source url of the image	Yes

`alt`	string	Alt text for accessibility and SEO	No
`is_default`	boolean	Whether this is a default image	No
`position`	int	Sort order position of the image	No
`attributes`	array	An array of Attribute objects that apply to this image	No

Cost Price

Name	Type	Description	Required
`amount`	float	The cost price **including tax**	Yes
`currency`	string	Currency code (defaults to store default if not provided)	No

Price

Name	Type	Description	Required
`price`	float	The base price **including tax**	Yes
`sale_price`	float	The sale price **including tax**	No
`retail_price`	float	The retail price **including tax**	No
`quantity`	int	Quantity required for this price tier (default: 1)	No
`currency`	string	Currency code (defaults to store default)	No
`start_at`	timestamp	When this price becomes active (e.g., 2023-09-01 09:29:41)	No
`end_at`	timestamp	When this price expires	No
`reference`	string	The **unique** reference for the price	No

Settings

Settings are grouped as key-value pairs.

- Use "_" for ungrouped settings.
- Each group contains its own object of key-value pairs.

```
{
    "settings": {
        "_": {
            "no_group": "value"
        },
        "group": {
            "key": "value"
        }
    }
}
```

Additional Attribute

Name	Type	Description	Required
`key`	string	The key of the additional attribute	Yes
`value`	string	The value of the additional attribute	Yes

Specification

Name	Type	Description	Required
`group.name`	string	The name of the specification group	Yes
`name`	string	The name of the specification	`*`
`value`	string	The value of the specification	No
`media`	array	An array of Media objects	`*`

`*` At least one must be present, futhermore if the group doesn't exist and is to be created you must provide at least one field for it.

> This is only for `<1.0.0` version of `aerocargo/specifications`. See Specification Group for `1.x` structure.

Specification Group

Name	Type	Description	Required
`id`	int	The id of the specification group	`*`
`name`	string	The name of the specification group	`*`
`fields`	array	An array of Field objects	Yes
`media`	array	An array of Media objects	No
`settings`	object	A Settings object with grouped key-value pairs	No

`*` At least one must be present.

> This is only for `>=1.0.0` version of `aerocargo/specifications`. See Specification for `0.x` structure.

Specification Group Field

Name	Type	Description	Required
`id`	int	The id of the specification group field	`*`
`name`	string	The name of the specification group field	`*`
`value`	string	The value of the specification group field	Yes
`media`	array	An array of Media objects	No

`settings`	object	A Settings object with grouped key-value pairs	No

`*` At least one must be present.

Media

Name	Type	Description	Required
`id`	int	The id of the media	`*`
`source`	string	The source of the media, e.g. test.png	`*`

`*` At least one must be present.

Upsell

Name	Type	Description	Required
`group.key`	string	The upsell group key	Yes
`attributes`	array	An array of Attribute objects that the upsell shows for	No
`models`	array	And array of models for the upsell	No
`skus`	array	And array of SKUs for the upsell	No

Example Request

Update Basic Variant Details

```
PUT /api/products/{id|model}/variants/{id|sku}
```

```
{
    "stock_level": 50,
    "buyable": true,
```

```
    "prices": [
        {
            "price": 199.99,
            "sale_price": 179.99,
            "currency": "GBP"
        }
    ],
    "cost": {
        "amount": 350,
        "currency": "GBP"
    }
}
```

Add Tags to Variant

```
PUT /api/products/{id|model}/variants/{id|sku}
```

```
{
    "tags": [
        {
            "group": {
                "name": "Size"
            },
            "name": "Small"
        },
        {
            "group": {
                "name": "Style"
            },
            "name": "Casual"
        }
    ]
}
```

Add Images to Variant

```
PUT /api/products/{id|model}/variants/{id|sku}
```

```
{
    "images": [
        {
            "src": "https://picsum.photos/seed/puffer-s/600/400",
            "alt": "Small size jacket, front view",
            "is_default": true,
            "position": 1,
            "attributes": [
                {
                    "name": "Small",
                    "group": {
                        "name": "Size"
                    }
                }
            ]
        }
    ]
}
```

> Variant images must include at least one attribute, and each attribute must exactly match one of the variant’s attributes.

Add Additional Attributes to Variant

```
PUT /api/products/{id|model}/variants/{id|sku}
```

```
{
    "additional_attributes": [
        {
            "key": "material",
            "value": "100% leather"
        },
        {
            "key": "lining",
```

```
            "value": "Polyester"
        }
    ]
}
```

Example Response

```
{
    "variant": {
        "id": 1
    }
}
```

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