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# 1 Products

## 2 Product Catalog API

The product catalog API provides access to information about the current product offerings.

### 2.1 Contents

- 1 Product Catalog API
  - ◆ 1.1 Product Specifications
  - ◆ 1.2 Product Offerings
  - ◆ 1.3 Service Specifications
  - ◆ 1.4 See also

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### 2.2 Product Specifications

Product specifications are the high-level entities that can be purchased. A product specification includes one or more service specifications, describing the services provided with the product. Each product specification is offered in one or more ways, described by the included product offerings.

- [GET /productSpecifications](#) - Returns list of product specifications
- [GET /productSpecifications/{productSpecificationId}](#) - Returns details of single product specification

### 2.3 Product Offerings

The product offerings describe the terms under which a product is being offered. This includes the currency, billing period, etc.

- [GET /productSpecifications/{productSpecificationId}/offerings](#) - Returns all offerings for a product specification
- [GET /productSpecifications/{productSpecificationId}/offerings/{offeringId}](#) - Returns details about a product specification offering
- [GET /productSpecifications/{productSpecificationId}/offerings/{offeringId}/prices](#) - Returns all prices for a product specification offering

### 2.4 Service Specifications

Service specifications provide details about the services offered with a product.

- [GET /productSpecifications/{productSpecificationId}/serviceSpecifications](#) - Returns all service specifications for a product
- [GET /serviceSpecifications/{serviceSpecificationId}](#) - Returns service specification details
- [GET /serviceSpecifications/{serviceSpecificationId}/attributes](#) - Returns service specification attributes

### 2.5 See also

- [Common Features](#)

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### **3 ProductSpecifications-productSpecificationId-offerings-offeringId-prices:GET**

## 4 GET

### /productSpecifications/{productSpecificationId}/offerings/{offeringId}/prices

Retrieves prices for a particular product specification offering.

#### 4.1 Contents

- 1 GET /productSpecifications/{productSpecificationId}/offerings/{offeringId}/prices
  - ◆ 1.1 Request
    - ◇ 1.1.1 URI Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
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      - 1.2.2.1 Parameters
  - ◆ 1.3 Examples
    - ◇ 1.3.1 Get usage tiers for a given service specification of a product
    - ◇ 1.3.2 Get usage tiers for a given service specification of a product filtered by an usage rate's name
  - ◆ 1.4 See also

#### 4.2 Request

GET /productSpecifications/{productSpecificationId}/offerings/{offeringId}/prices

##### 4.2.1 URI Parameters

filterType

Indicates that the result should be filtered by price type.

The legal values for this parameter are 'fee', 'discount' and 'usage\_fee'

**fee** - all product specification and its service specifications prices (e.g. setup fee, recurring fee, etc.)

**discount** - all product specification and its service specifications discounts

**usage\_fee** - all product specification and its service specifications usage prices

This parameter CANNOT be used with values containing any wildcards (\*)

This parameter is optional

filterRecurrences

Indicates that the result should be filtered by the number of recurrences

This parameter is optional.

The values for this parameter can be specified using a wildcard(\*).

filterRelatedServiceSpecification

Indicates that the result should be filtered by linked service specification URI.

A value of *indicates that only results with relatedServiceSpecification=* should be returned.

This parameter is optional

This parameter CANNOT be used with values containing any wildcards (\*)

filterName

Indicates that the result should be filtered by name

This parameter is optional

This parameter CANNOT be used with values containing any wildcards (\*)

sortField

Indicates which field should be used for sorting.

Legal values are 'name', 'type', 'recurrences' and 'relatedServiceSpecification'.

This parameter is optional

sortOrder

Indicates the order in which the result should be sorted.

Legal values are 'asc' and 'desc'

This parameter is optional. If 'sortField' was specified and 'sortOrder' was omitted, then the result will be sorted in ascending order.

pageSize

Indicates the number of prices to be included on each page of the result (if pagination is desired)

This parameter is optional. If 'page' is specified and 'pageSize' is omitted, then the result will show 100 prices per page.

page

Indicates the 1-based index of the page to view.

The value must be an integer between 1 and the maximum number of pages (returned in the 'last' element of the 'links' attribute of the result)

This parameter is optional, but if 'pageSize' was specified, then 'page' is also required.

#### 4.3 Response

Returns a list of prices for a particular product specification offering Id.

##### 4.3.1 Status Code

200 OK

Success

400 Bad Request

Returned if incorrect parameters are specified for filtering, sorting or pagination. The response body will contain details about the nature of the error.

404 Not Found

Returned if the product specification Id or the offering Id could not be found.

## 502 Bad Gateway

Returned there is any internal API error.

### 4.3.2 Response Body

```
{
  "list": [
    {
      "type": "fee"
      "name": "recurring",
      "amount": 1125.0,
      "amountType": "retail",
      "deferred": 1,
      "billingPeriod": 3,
      "recurrences": -1,
      "relatedServiceSpecification": "",
    },
    {
      "type": "fee"
      "name": "recurring",
      "amount": 1125.0,
      "amountType": "retail",
      "deferred": 1,
      "billingPeriod": 3,
      "recurrences": -1,
      "relatedServiceSpecification": "https://api.hostway.com/serviceSpecifications/{serviceSpecificationId}",
    },
    {
      "type": "usage_fee",
      "name": "mfg_mailbox_standard",
      "billingPeriod": 1,
      "relatedServiceSpecification": "https://api.hostway.com/serviceSpecifications/{serviceSpecificationId}",
      "unit": "mfg_mailbox_standard",
      "rates": [
        {
          "start": 1.0,
          "end": 3.0,
          "pricePerIncrement": 0.0,
          "includedPrice": 0.0,
          "increment": 1.0
        },
        {
          "start": 3.0,
          "end": -1.0,
          "pricePerIncrement": 1.0,
          "includedPrice": 3.0,
          "increment": 1.0
        }
      ]
    }
  ],
  "links": [
    {
      "rel": "self",
      "href": "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{offeringId}/prices?pageSize={pageSize}&page="
    },
    {
      "rel": "first",
      "href": "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{offeringId}/prices?pageSize={pageSize}&page="
    },
    {
      "rel": "previous",
      "href": "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{offeringId}/prices?pageSize={pageSize}&page="
    },
    {
      "rel": "next",
      "href": "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{offeringId}/prices?pageSize={pageSize}&page="
    },
    {
      "rel": "last",
      "href": "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{offeringId}/prices?pageSize={pageSize}&page="
    }
  ]
}
```

#### 4.3.2.1 Parameters

list - *list*

List of product offering price details. Each element of the list has the following attributes:

type - *string*

This can be either 'fee', 'discount' or 'usage\_fee'. A fee represents a fee that will be charged. A discount represents a downward adjustment of the amount of a fee. An usage fee represents a fee that will be charged based on usage rate.

amountType - *string*

Possible values: 'retail'. Indicates the type of the fee amount.  
This parameter is available for **fee** types only

deferred - *integer*

All fees (product and service specific fees) have deferred flag, which is showing whether the product/service has a delayed billing.

name - *string*

A name for the price. This is NOT guaranteed to be unique.

billingPeriod - *integer*

The billing frequency in months.

recurrences - *integer*

The number of time this price will recur. A value of -1 means that the price will recur throughout the entire lifetime of the provisioned product.

This parameter is available for **fee** and **discount** types only

relatedServiceSpecification - *string*

The URI of the service specification (associated with the product) to which this price is linked. If this is an empty string, then the price is linked to the product itself.

unit - *string*

unit based on which a service is charged for.

This parameter is available for **usage\_fee** type only

rates - *dictionary*

tiers of usage on which a service is charged for. Each tier has:

start - *float*

number of unit for which a service begins to be charged with the **current** tier's price. The start of a tier is **inclusive for the current tier**.

end - *float*

number of unit for which a service begins to be charged with the **next** tier's price. The end of a tier is **exclusive for the current tier**. If the **end** parameter is -1, then we have no limit for the tier.

pricePerIncrement - *float*

Price per an increment to be charged.

increment - *float*

usage increment size to be charged pricePerIncrement price.

includedPrice - *float*

Fixed amount to be payed in a given tier.

## 4.4 Examples

### 4.4.1 Get usage tiers for a given service specification of a product

#### Request

GET

http://127.0.0.1:6543/productSpecifications/core.plan.linux.webstart/offerings/USD-1/prices?filterRelatedservicespecification=/serviceSpecifications/core.email.op

#### Response

HTTP/1.0 200 OK

```
{
  "list": [ {
    "name": "mfg_mailbox_standard",
    "billingPeriod": 1,
    "rates": [ {
      "start": 1.0,
      "end": 3.0,
      "pricePerIncrement": 1.0
      "includedPrice": 0.0,
      "increment": 1.0
    }, {
      "start": 3.0,
      "end": -1.0,
      "pricePerIncrement": 1.0
      "includedPrice": 3.0,
      "increment": 1.0
    } ],
    "relatedServiceSpecification": "http://127.0.0.1:6543/serviceSpecifications/core.email.openexchange.xmail",
    "type": "usage_fee",
    "unit": "mfg_mailbox_standard"
  }, {
    "name": "mfg_mailbox_activesync",
    "billingPeriod": 1,
    "rates": [ {
      "start": 1.0,
      "end": -1.0,
      "pricePerIncrement": 2.0
      "includedPrice": 0.0,
      "increment": 1.0
    } ],
    "relatedServiceSpecification": "http://127.0.0.1:6543/serviceSpecifications/core.email.openexchange.xmail",
    "type": "usage_fee",
    "unit": "mfg_mailbox_activesync"
  }, {
    "name": "mfg_mailbox_premium",
    "billingPeriod": 1,
    "rates": [ {
      "start": 1.0,
      "end": -1.0,
      "pricePerIncrement": 3.0
      "includedPrice": 0.0,
      "increment": 1.0
    } ],
    "relatedServiceSpecification": "http://127.0.0.1:6543/serviceSpecifications/core.email.openexchange.xmail",
    "type": "usage_fee",
    "unit": "mfg_mailbox_premium"
  } ],
  "links": [ {
    "href": "http://127.0.0.1:6543/productSpecifications/core.plan.linux.webstart/offerings/USD-1/prices?filterRelatedservicespecification=",
    "rel": "self"
  } ]
}
```

## 4.4.2 Get usage tiers for a given service specification of a product filtered by an usage rate's name

### Request

http://127.0.0.1:6543/productSpecifications/core.plan.linux.webstart.offerings/USD-1/prices?filterRelatedservicespecification=/serviceSpecifications/core.email.op

### Response

#### HTTP/1.0 200 OK

```
{
  "list" : [ {
    "name" : "mfg_mailbox_standard",
    "billingPeriod" : 1,
    "rates" : [ {
      "start" : 1.0,
      "end" : 3.0,
      "pricePerIncrement" : 0.0,
      "includedPrice" : 0.0,
      "increment" : 1.0
    }, {
      "start" : 3.0,
      "end" : -1.0,
      "pricePerIncrement" : 1.0,
      "includedPrice" : 3.0,
      "increment" : 1.0
    } ],
    "relatedServiceSpecification" : "http://127.0.0.1:6543/serviceSpecifications/core.email.openxchange.xmail",
    "type" : "usage_fee",
    "unit" : "mfg_mailbox_standard"
  } ],
  "links" : [ {
    "href" : "http://127.0.0.1:6543/productspecifications/core.plan.linux.webstart.offerings/USD-1/prices?filterRelatedservicespecification=",
    "rel" : "self"
  } ]
}
```

## 4.5 See also

- [Product Catalog API](#)
- [Common Features](#)

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## 5 ProductSpecifications-productSpecificationId-offerings-offeringId:GET

## 6 GET /productSpecifications/{productSpecificationId}/offerings/{offeringId}

Retrieves product specification offering details.

### 6.1 Contents

- 1 GET  
/productSpecifications/{productSpecificationId}/offerings/{offeringId}
- ◆ 1.1 Request
  - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
- ◆ 1.2 Response
  - ◇ 1.2.1 Status Code
  - ◇ 1.2.2 Response Body
    - 1.2.2.1 Parameters
- ◆ 1.3 Examples
  - ◇ 1.3.1 Success scenario
  - ◇ 1.3.2 Request with details
- ◆ 1.4 See also

### 6.2 Request

GET /productSpecifications/{productSpecificationId}/offerings/{offeringId}

#### 6.2.1 Request Parameters

productSpecificationId - *string*

Product specification Id for a particular product specification

offeringId - *string*

Offering Id of the specific offering for a particular product specification

#### 6.2.2 URI Parameters

details - integer

If set to 1, response will include list of pricing information. This is a short way to get both the offering details and *offering prices*

The following parameters are optional and work in combination with **details=1**. They are used for the pricing list **filtering**, **sorting** and **pagination**.

filterType

Indicates that the result should be filtered by price type.

The legal values for this parameter are 'fee', 'discount' and 'usage\_fee'

**fee** - all product specification and its service specifications prices (e.g. setup fee, recurring fee, etc.)

**discount** - all product specification and its service specifications discounts

**usage\_fee** - all product specification and its service specifications usage prices

This parameter CANNOT be used with values containing any wildcards (\*)

filterRecurrences

Indicates that the result should be filtered by the number of recurrences

This parameter is optional.

The values for this parameter can be specified using a wildcard(\*).

filterRelatedServiceSpecification

Indicates that the result should be filtered by linked service specification URI.

A value of *indicates that only results with relatedServiceSpecification=* should be returned.

This parameter is optional

This parameter CANNOT be used with values containing any wildcards (\*)

filterName

Indicates that the result should be filtered by name

This parameter is optional

This parameter CANNOT be used with values containing any wildcards (\*)

sortField

Indicates which field should be used for sorting.

Legal values are 'name', 'type', 'recurrences' and 'relatedServiceSpecification'.

This parameter is optional

sortOrder

Indicates the order in which the result should be sorted.

Legal values are 'asc' and 'desc'

This parameter is optional. If 'sortField' was specified and 'sortOrder' was omitted, then the result will be sorted in ascending order.

pageSize

Indicates the number of prices to be included on each page of the result (if pagination is desired)

This parameter is optional. If 'page' is specified, 'pageSize' is required.

page

Indicates the 1-based index of the page to view.

The value must be an integer between 1 and the maximum number of pages (returned in the 'last' element of the 'links' attribute of the result)

This parameter is optional, but if 'pageSize' was specified, then 'page' is also required.

### 6.3 Response

Returns a dictionary of product specification offering details

### 6.3.1 Status Code

- 200 OK  
Success
- 401 Unauthorized  
The supplied credentials are invalid or do not provide permissions for this operation.
- 404 Not Found  
Returned if the product specification Id or the offering Id could not be found.

### 6.3.2 Response Body

```
{
  "billingPeriod": 3,
  "currency": "USD",
  "default": 1,
  "prices": "https://api.hostway.com/productspecifications/{productSpecificationId}/offerings/{offeringId}/prices",
  "links": [
    {"href": "https://api.hostway.com/productspecifications/{productSpecificationId}/offerings/{offeringId}/", "rel": "self"}
  ]
}
```

#### 6.3.2.1 Parameters

- billingPeriod - *integer*  
Price's billing period in months
- currency - *string*  
Price's currency
- default - *integer*  
Specifies whether the offering uses the default billing cycle. Allowed values are **0** and **1**
- prices - *link*  
Hyperlink to the product's offerings prices  
If request contains **details** parameter - response will return **prices parameters** instead of hyperlink
- links - *list*  
[Hypermedia](#) for this resource.

## 6.4 Examples

### 6.4.1 Success scenario

#### Request

```
GET /productSpecifications/{productSpecificationId}/offerings/{offeringId}
```

#### Response

```
{
  "billingPeriod": 3,
  "currency": "USD",
  "default": 1,
  "prices": "https://api.hostway.com/productspecifications/{productSpecificationId}/offerings/{offeringId}/prices",
  "links": [
    {"href": "https://api.hostway.com/productspecifications/{productSpecificationId}/offerings/{offeringId}/", "rel": "self"}
  ]
}
```

### 6.4.2 Request with details

#### Request

```
GET /productSpecifications/{productSpecificationId}/offerings/{offeringId}?details=1&page=2&pageSize=10
```

#### Response

```
{
  "billingPeriod": 3,
  "currency": "USD",
  "default": 1,
  "prices": [
    {
      "type": "fee",
      "name": "recurring",
      "deferred": 1,
      "amount": 1125.0,
      "billingPeriod": 3,
      "recurrences": -1,
      "relatedServiceSpecification": "https://api.hostway.com/serviceSpecifications/{serviceSpecificationId}",
    },
    {
      "type": "usage_fee",
      "name": "mfg_mailbox_standard",
      "billingPeriod": 1,
      "relatedServiceSpecification": "https://api.hostway.com/serviceSpecifications/{serviceSpecificationId}",
      "unit": "mfg_mailbox_standard",
      "rates": [
        {
          "start": 1.0,
          "end": 3.0,
          "pricePerIncrement": 0.0,
          "includedPrice": 0.0,
          "increment": 1.0
        }
      ]
    }
  ]
}
```

```

    {
      "start" : 3.0,
      "end" : -1.0,
      "pricePerIncrement" : 1.0,
      "includedPrice": 3.0,
      "increment": 1.0
    }
  ]
},
"links": [
  {
    "rel": "self",
    "href": "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{offeringId}?details=1&page=2"
  },
  {
    "rel": "first",
    "href": "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{offeringId}?details=1&page=1"
  },
  {
    "rel": "previous",
    "href": "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{offeringId}?details=1&page=1"
  },
  {
    "rel": "next",
    "href": "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{offeringId}?details=1&page=3"
  },
  {
    "rel": "last",
    "href": "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{offeringId}?details=1&page=3"
  }
]
}

```

## 6.5 See also

- [Product Catalog API](#)
- [Common Features](#)

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## 7 ProductSpecifications-productSpecificationId-offerings:GET

## 8 GET /productSpecifications/{productSpecificationId}/offerings

Retrieves a list of product specification offerings.

### 8.1 Contents

- 1 GET  
  /productSpecifications/{productSpecificationId}/offerings
  - ◆ 1.1 Request
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 See also

### 8.2 Request

GET /productSpecifications/{productSpecificationId}/offerings

### 8.3 Response

Returns a list of product specification offerings for a particular product specification Id.

#### 8.3.1 Status Code

200 OK  
  Success.

404 Not Found  
  Returned if the product specification Id could not be found.

#### 8.3.2 Response Body

```
{
  [
    {
      "prices": "https://api.hostway.com/productspecifications/{productSpecificationId}/offerings/USD-3/prices",
      "currency": "USD",
      "default": 1,
      "billingPeriod": 3,
      "rules": "https://api.hostway.com/productspecifications/{productSpecificationId}/rules",
      "uri": "https://api.hostway.com/productspecifications/{productSpecificationId}/offerings/USD-3/"
    },
    {
      "prices": "https://api.hostway.com/productspecifications/{productSpecificationId}/offerings/USD-1/prices",
      "currency": "USD",
      "default": 0,
      "billingPeriod": 1,
      "rules": "https://api.hostway.com/productspecifications/{productSpecificationId}/rules",
      "uri": "https://api.hostway.com/productspecifications/{productSpecificationId}/offerings/USD-1/"
    },
    {
      "prices": "https://api.hostway.com/productspecifications/{productSpecificationId}/offerings/USD-12/prices",
      "currency": "USD",
      "default": 0,
      "billingPeriod": 12,
      "rules": "https://api.hostway.com/productspecifications/{productSpecificationId}/rules",
      "uri": "https://api.hostway.com/productspecifications/{productSpecificationId}/offerings/USD-12/"
    }
  ]
}
```

##### 8.3.2.1 Parameters

prices - *link*  
  Hyperlink to the product's offerings prices.

currency - *string*  
  Offering currency.

default - *integer*  
  Specifies whether the billing cycle is the default for the given product and currency. Each currency will have its own default cycle. Allowed values are **0** and **1**

billingPeriod - *integer*  
  Offering billing period in months.

rules - *link*  
  Hyperlink to the product's rules.

uri - *link*  
  Hyperlink to the specific product's offering

### 8.4 See also

- [Product Catalog API](#)
- [Common Features](#)

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## 9 ProductSpecifications-productSpecificationId-serviceSpecifications:GET



## 10 GET /productSpecifications/{productSpecificationId}/serviceSpecifications

Retrieves service specifications list for a given product specification.

### 10.1 Contents

- 1 GET  
/productSpecifications/{productSpecificationId}/serviceSpecifications
  - ◆ 1.1 Request
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 See also

### 10.2 Request

GET /productSpecifications/{productSpecificationId}/serviceSpecifications

### 10.3 Response

Returns a dictionary containing a list of service specifications with name, category, ranking and a link to corresponding service details.

#### 10.3.1 Status Code

200 OK  
Success

404 Not Found  
Returned if the product specification could not be found.

#### 10.3.2 Response Body

```
{
  "list": [
    {
      "name": ".com Domain",
      "category": "Domain Registration",
      "ranking": 1,
      "details": "https://api.hostway.com/serviceSpecifications/core.dnr.com"
    },
    {
      "name": "Linux Web Hosting 300GB",
      "category": "Core WebHosting",
      "ranking": 2,
      "details": "https://api.hostway.com/serviceSpecifications/core.webhosting.linux.300GB"
    }
  ],
  "links": [
    { "href": "https://api.hostway.com/productspecifications/{productSpecificationId}/serviceSpecifications", "rel": "self" }
  ]
}
```

##### 10.3.2.1 Parameters

*list* - *list*  
List of service specifications that are available with a few details and a link to corresponding service details. Each element of the list has the following attributes:

*name* - *string*  
The name of service

*category* - *string*  
The service category

*ranking* - *integer*  
The service ranking related to other services in the same category

*details* - *string*  
Hyperlink to the service's details

*links* - *list*  
[Hypermedia](#) for this resource. Link to self will preserve filtering, sorting and pagination set by the request. Links to the first, last, previous and next pages will also be included if applicable

### 10.4 See also

- [Product Catalog API](#)
- [Common Features](#)

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## 11 ProductSpecifications-productSpecificationId:GET

## 12 GET /productSpecifications/{productSpecificationId}

Retrieves product specification details.

### 12.1 Contents

- 1 GET /productSpecifications/{productSpecificationId}
  - ◆ 1.1 Request
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 See also

### 12.2 Request

GET /productSpecifications/{productSpecificationId}

### 12.3 Response

Returns a dictionary containing product specification details for a particular product specification Id.

#### 12.3.1 Status Code

200 OK  
Success

404 Not Found  
Returned if the product specification Id could not be found.

#### 12.3.2 Response Body

```
{
  "name": "{productSpecificationName}",
  "ranking": 1,
  "rules": "https://api.hostway.com/productSpecifications/core.netdba_1/rules",
  "serviceSpecifications": "https://api.hostway.com/productSpecifications/{productSpecificationId}/serviceSpecifications",
  "offerings": "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings",
  "links": [
    { "href": "https://api.hostway.com/productSpecifications/{productSpecificationId}/", "rel": "self" }
  ]
}
```

##### 12.3.2.1 Parameters

name - *string*  
The name of product

ranking - *integer*  
Product ranking value

rules - *link*  
Hyperlink to the product's rules

serviceSpecifications - *link*  
Hyperlink to the product's serviceSpecifications

offerings - *link*  
Hyperlink to the product's offerings

links - *list*  
**Hypermedia** for this resource. Link to self will preserve filtering, sorting and pagination set by the request. Links to the first, last, previous and next pages will also be included if applicable

### 12.4 See also

- [Product Catalog API](#)
- [Common Features](#)

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## 13 ProductSpecifications:GET

## 14 GET /productSpecifications

Get product specifications.

### 14.1 Contents

- 1 GET /productSpecifications
  - ◆ 1.1 Request
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 See also

### 14.2 Request

GET /productSpecifications

### 14.3 Response

Returns a dictionary containing list of product specifications with product names and link to corresponding product details

#### 14.3.1 Status Code

200 OK  
The request was successfully executed.

#### 14.3.2 Response Body

```
{
  "list": [
    {
      "name": "{productName}",
      "id": "{productSpecificationId}",
      "details": "https://api.hostway.com/productspecifications/{productSpecificationId}"
    },
    {
      "name": "{productName}",
      "id": "{productSpecificationId}",
      "details": "https://api.hostway.com/productspecifications/{productSpecificationId}"
    }
  ],
  "links": [
    { "href": "https://api.hostway.com/productspecifications/", "rel": "self" }
  ]
}
```

##### 14.3.2.1 Parameters

*list* - *list*  
List of product specifications with product names and link to corresponding product details. Each element of the list has the following attributes:

*name* - *string*  
The name of the product.

*id* - *string*  
The unique Id of the product.

*details* - *string*  
Hyperlink to the product's details.

*links* - *list*  
[Hypermedia](#) for this resource. Link to self will preserve filtering, sorting and pagination set by the request. Links to the first, last, previous and next pages will also be included if applicable.

### 14.4 See also

- [Product Catalog API](#)
- [Common Features](#)

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## 15 ServiceSpecifications-serviceSpecificationId-attributes:GET

## 16 GET /serviceSpecifications/{serviceSpecificationId}/attributes

Retrieves service specification attributes.

### 16.1 Contents

- 1 GET /serviceSpecifications/{serviceSpecificationId}/attributes
  - ◆ 1.1 Request
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 See also

### 16.2 Request

GET /serviceSpecifications/{serviceSpecificationId}/attributes

### 16.3 Response

Returns a list containing product specification attributes for a particular service specification.

#### 16.3.1 Status Code

200 OK  
Success

404 Not Found  
Returned if the service specification Id could not be found.

#### 16.3.2 Response Body

```
{
  "list": [
    {
      "textkey": "core.websplanet.feature",
      "value": "Some attribute value"
    }
  ],
  "links": [
    { "href": "https://api.hostway.com/servicespecifications/core.websplanet.1/attributes", "rel": "self" }
  ],
}
```

##### 16.3.2.1 Parameters

list - *list*  
the list of service specification attributes; contains tuples of:  
**textkey** - *string* - the attribute unique key  
**value** - *string* - the attribute value

links - *list*  
[Hypermedia](#) for this resource. Link to self will preserve filtering, sorting and pagination set by the request. Links to the first, last, previous and next pages will also be included if applicable

### 16.4 See also

- [Product Catalog API](#)
- [Common Features](#)

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## 17 ServiceSpecifications-serviceSpecificationId:GET



## 18 GET /serviceSpecifications/{serviceSpecificationId}

Retrieves service specification details.

### 18.1 Contents

- 1 GET /serviceSpecifications/{serviceSpecificationId}
  - ◆ 1.1 Request
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 See also

### 18.2 Request

GET /serviceSpecifications/{serviceSpecificationId}

### 18.3 Response

Returns a dictionary containing product specification details for a particular service specification.

#### 18.3.1 Status Code

200 OK  
Success

404 Not Found  
Returned if the service specification Id could not be found.

#### 18.3.2 Response Body

```
{
  "name": ".com Domain",
  "category": "Domain Registration",
  "ranking": 12,
  "attributes": "https://api.hostway.com/servicespecifications/core.dnr.com/attributes",
  "billingCycles": [
    {
      "default": 0,
      "billingCycle": 1
    },
    {
      "default": 0,
      "billingCycle": 12
    }
  ],
  "links": [
    { "href": "https://api.hostway.com/servicespecifications/core.dnr.com/", "rel": "self" }
  ]
}
```

##### 18.3.2.1 Parameters

name - *string*  
The name of the service

category - *string*  
Service category

ranking - *integer*  
Service ranking value

attributes - *string*  
A link to a resource containing the service's [attributes](#)

billingCycles - *list*  
Contains a list of dictionaries, specifying the available billing cycles for the given service

default - *integer*  
Whether the cycle is considered default. Allowed values are 0 and 1

billingCycle - *integer*  
The specific billing cycle in months

links - *list*  
[Hypermedia](#) for this resource. Link to self will preserve filtering, sorting and pagination set by the request. Links to the first, last, previous and next pages will also be included if applicable

### 18.4 See also

- [Product Catalog API](#)
- [Common Features](#)

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