**API CORE (Mandatory)**

1. **Supplier**

Returns the supplier and associated contact details

**Get Supplier**

**Get Supplier**

**Get** https://api.example.com/octo/supplier

Returns the supplier and associated contact details.

Respone:

**200**

OK

application/json

**Response**objectExample: {"id":"48b4d2e9-cd8b-4ac2-a5ee-4217bf2622c2","name":"John Doe's company","endpoint":"http://example.com","contact":{"website":null,"email":"john.doe@email.com","telephone":null,"address":null}}

Hide properties

**id**stringRequired

Unique identifier used in the platform to represent the supplier.

Example: 697e3ce8-1860-4cbf-80ad-95857df1f640

**name**stringRequired

Name the supplier uses to identify itsel. Usually what the end customer will know the supplier as.

Example: Edin Explore

**endpoint**string · uriRequired

This is the base URL that will be prepended to ALL other paths. The value SHOULD NOT contain a trailing /.

Example: https://api.my-booking-platform.com/v1

**contact**objectRequired

Hide properties

**website**null | stringRequired

This SHOULD be the website of the Supplier that is separate from the Booking Platform but MAY be a unique destination within the Booking Platform about the Supplier.

Example: https://acme-tours.co.fake

**email**null | stringRequired

The email support contact for the Supplier.

Example: info@edinexplore.com

**telephone**null | stringRequired

The phone support contact for the Supplier.

Example: +1 888-555-1212

**address**null | stringRequired

The (snail) mail address support contact for the Supplier.

Example: 123 Fake St. Springfield, USA

Json:  
{

"id": "48b4d2e9-cd8b-4ac2-a5ee-4217bf2622c2",

"name": "John Doe's company",

"endpoint": "http://example.com",

"contact": {

"website": null,

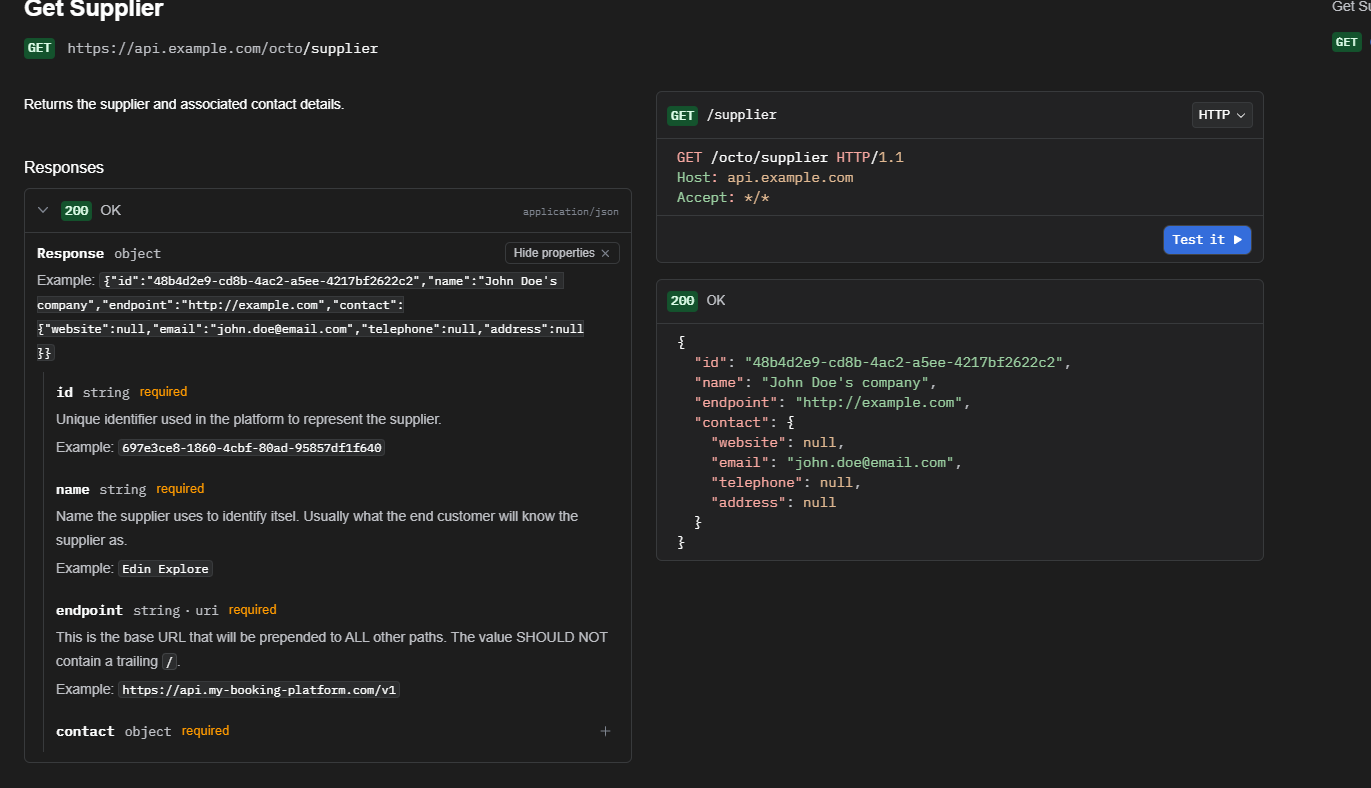
"email": "john.doe@email.com",

"telephone": null,

"address": null

}

}



1. **Products**

Fetch the product for the given id or the list of products available to you.

**Get Products**

**Get Products**

**Get:** https://api.example.com/octo/products

Fetch the list of products.

Respone:  
**Response**object[]

A bookable product listed by a supplier.

Hide properties

**id**stringRequired

The id used for checking for availability and creating bookings for the product. This MUST be unique within the scope of the Supplier.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**internalName**stringRequired

The name the supplier calls the product.

Example: Amazon River Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: AMZN

**locale**stringRequired

A language code indicating what language this product content is in. This MUST be a valid BCP 47 RFC 5646 RFC 4647 language tag.

Example: en-GB

**timeZone**stringOptional

The IANA TimeZone name this product is located in.

Example: Europe/London

**allowFreesale**booleanRequired

Whether a booking can be made for this product without having to query availability first.

**instantConfirmation**booleanRequired

Whether bookings will be immediately confirmed when a sale is made, otherwise the supplier will later either accept or reject the booking. When instantConfirmation is set to false one should expect created bookings to first get into a PENDING state.

**instantDelivery**booleanRequired

This indicates whether the Reseller can expect immediate delivery of the customer's tickets. If false then the Reseller MUST be able to delay delivery of the tickets to the customer.

**availabilityRequired**booleanRequired

Whether an availabilityId is required when creating a booking. Without this the booking will be open-dated and not have a specified travel date.

**availabilityType**string · enumRequired

What type of availability this product has, possible values are: START\_TIME if there are fixed departure times which you must pick one. Typical for day tours or activities. OPENING\_HOURS if you just select a date and can visit any time when the venue is open.

Example: START\_TIMEPossible values: START\_TIMEOPENING\_HOURS

**deliveryFormats**string · enum[]Required

An array of formats the API will deliver the tickets as. Possible values are: QRCODE A code to be presented as a QR CODE barcode CODE128A code to be presented as a CODE 128 barcode PDF\_URL A URL to a PDF file which contains all the ticket details

Example: QRCODE

Hide properties

**items**string · enumOptional

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryMethods**string · enum[]Required

How the formats described in deliveryFormats will be delivered in the booking response, possible values are: TICKET: Individually per unit in the order (i.e. single ticket for each person) VOUCHER: One ticket for the whole booking

Hide properties

**items**string · enumOptional

An array of delivery methods available for this booking. Possible values are: VOUCHER The voucher object is populated which is a single ticket for the whole booking. TICKET The ticket object is populated on each unit item which is a ticket for each individual person. If booking.deliveryMethods contains both TICKET and VOUCHER then both those values will be set.

Example: VOUCHERPossible values: VOUCHERTICKET

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**options**object[]Required

An array of all options for this product. All products must have at least one option.

Hide properties

**id**stringRequired

The id that identifies this option, it is only unique within the product.

Example: DEFAULT

**default**booleanRequired

TRUE identifies the option as default, and should therefore rendered and selected first

**internalName**stringRequired

The name the supplier calls the option by.

Example: Private Morning Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: VIP-MORN

**availabilityLocalStartTimes**string[]Required

This will be an array of all possible start times that can be returned during availability. For example an all day attraction may have a single value like ["00:00"] whilst a tour with multiple departure times may have multiple:["09:00", "14:00", "17:00"].

Example: 09:00

**cancellationCutoff**stringRequired

This is how long before the tour the booking can be still be cancelled.

Example: 1 hour

**cancellationCutoffAmount**integerRequired

The numeric amount for the cutoff.

Example: 1

**cancellationCutoffUnit**string · enumRequired

Time units used to determine duration. Three values are available: hour, minute, day.

Example: hourPossible values: hourminuteday

**requiredContactFields**string · enum[]Required

An array of the contact fields required to confirm a booking. These just apply to the lead traveller on the booking and not for every ticket.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**objectRequired

An object containing a fixed list of restrictions for booking the option.

Example: {"minUnits":null,"maxUnits":10}

Hide properties

**minUnits**integer | nullRequired

The minimum number of tickets that can be purchased in a single booking (null = 0).

Example: 0

**maxUnits**integer | nullRequired

The maximum number of tickets that can be purchased in a single booking (null = unlimited).

Example: 10

**units**object[]Required

The list of ticket types (units) available for sale.

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

Json mẫu:   
[

{

"id": "6b903d44-dc24-4ca4-ae71-6bde6c4f4854",

"internalName": "Amazon River Tour",

"reference": "AMZN",

"locale": "en-GB",

"timeZone": "Europe/London",

"allowFreesale": true,

"instantConfirmation": true,

"instantDelivery": true,

"availabilityRequired": true,

"availabilityType": "START\_TIME",

"deliveryFormats": [

"QRCODE"

],

"deliveryMethods": [

"VOUCHER"

],

"redemptionMethod": "DIGITAL",

"options": [

{

"id": "DEFAULT",

"default": true,

"internalName": "Private Morning Tour",

"reference": "VIP-MORN",

"availabilityLocalStartTimes": [

"09:00"

],

"cancellationCutoff": "1 hour",

"cancellationCutoffAmount": 1,

"cancellationCutoffUnit": "hour",

"requiredContactFields": [

"firstName"

],

"restrictions": {

"minUnits": "null",

"maxUnits": 10

},

"units": [

{

"id": "adult\_697e3ce8-1860-4cbf-80ad-95857df1f640",

"internalName": "Adult(s)",

"reference": "LR1-01-new",

"type": "YOUTH",

"requiredContactFields": [

"firstName"

],

"restrictions": {

"minAge": 3,

"maxAge": 17,

"idRequired": true,

"minQuantity": 2,

"maxQuantity": 7,

"paxCount": 1,

"accompaniedBy": [

"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"

]

}

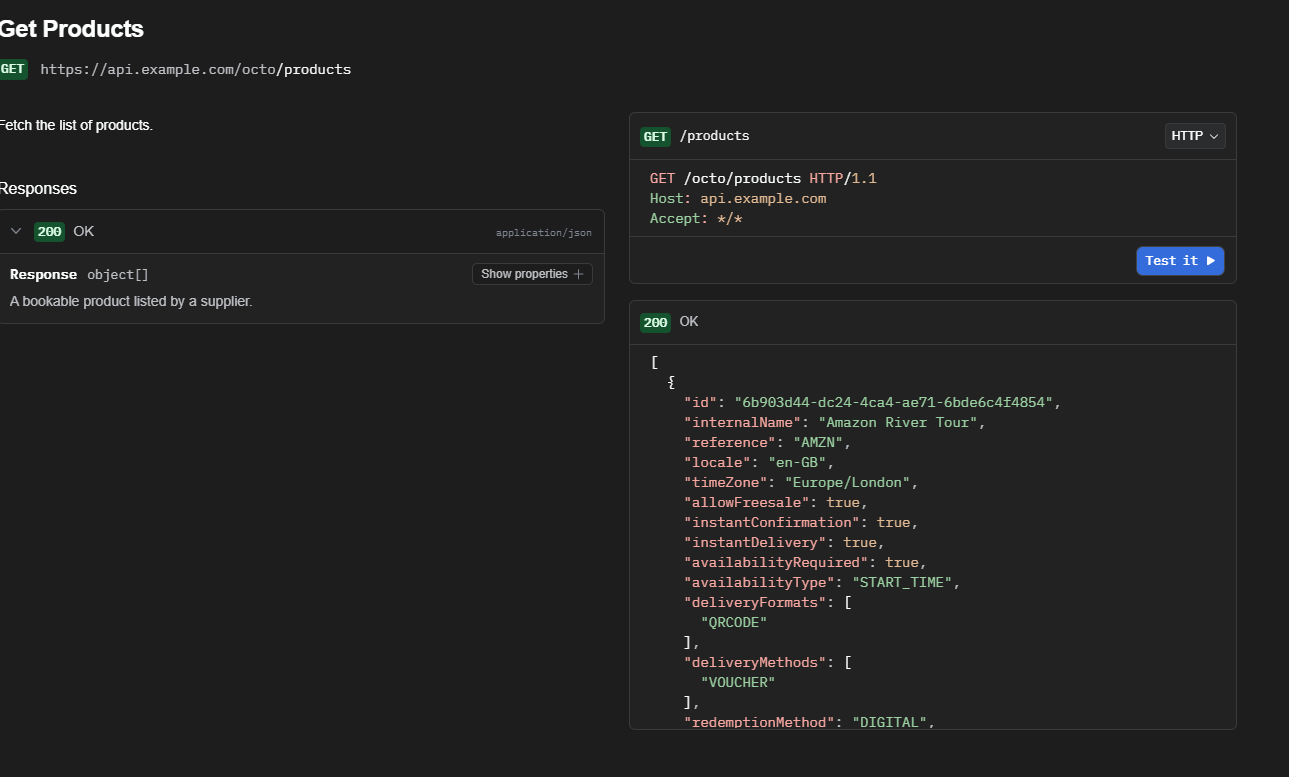
}

]

}

]

}

] 

**Get Product**

**get**

https://api.example.com/octo/products/{id}

Fetch the product for the given id.

Path parameters

**Id** stringRequired

The product id  
  
Responses:  
**Response**object

A bookable product listed by a supplier.

Example: {"id":"6b903d44-dc24-4ca4-ae71-6bde6c4f4854","internalName":"Amazon River Tour","reference":"AMZN","locale":"en-GB","timeZone":"Europe/London","allowFreesale":true,"instantConfirmation":true,"instantDelivery":true,"availabilityRequired":true,"availabilityType":"START\_TIME","deliveryFormats":["QRCODE"],"deliveryMethods":["VOUCHER"],"redemptionMethod":"DIGITAL","options":[{"id":"DEFAULT","default":true,"internalName":"Private Morning Tour","reference":"VIP-MORN","availabilityLocalStartTimes":["09:00"],"cancellationCutoff":"1 hour","cancellationCutoffAmount":1,"cancellationCutoffUnit":"hour","requiredContactFields":["firstName"],"restrictions":{"minUnits":"null","maxUnits":10},"units":[{"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}]}]}

Hide properties

**id**stringRequired

The id used for checking for availability and creating bookings for the product. This MUST be unique within the scope of the Supplier.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**internalName**stringRequired

The name the supplier calls the product.

Example: Amazon River Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: AMZN

**locale**stringRequired

A language code indicating what language this product content is in. This MUST be a valid BCP 47 RFC 5646 RFC 4647 language tag.

Example: en-GB

**timeZone**stringOptional

The IANA TimeZone name this product is located in.

Example: Europe/London

**allowFreesale**booleanRequired

Whether a booking can be made for this product without having to query availability first.

**instantConfirmation**booleanRequired

Whether bookings will be immediately confirmed when a sale is made, otherwise the supplier will later either accept or reject the booking. When instantConfirmation is set to false one should expect created bookings to first get into a PENDING state.

**instantDelivery**booleanRequired

This indicates whether the Reseller can expect immediate delivery of the customer's tickets. If false then the Reseller MUST be able to delay delivery of the tickets to the customer.

**availabilityRequired**booleanRequired

Whether an availabilityId is required when creating a booking. Without this the booking will be open-dated and not have a specified travel date.

**availabilityType**string · enumRequired

What type of availability this product has, possible values are: START\_TIME if there are fixed departure times which you must pick one. Typical for day tours or activities. OPENING\_HOURS if you just select a date and can visit any time when the venue is open.

Example: START\_TIMEPossible values: START\_TIMEOPENING\_HOURS

**deliveryFormats**string · enum[]Required

An array of formats the API will deliver the tickets as. Possible values are: QRCODE A code to be presented as a QR CODE barcode CODE128A code to be presented as a CODE 128 barcode PDF\_URL A URL to a PDF file which contains all the ticket details

Example: QRCODE

Hide properties

**items**string · enumOptional

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryMethods**string · enum[]Required

How the formats described in deliveryFormats will be delivered in the booking response, possible values are: TICKET: Individually per unit in the order (i.e. single ticket for each person) VOUCHER: One ticket for the whole booking

Hide properties

**items**string · enumOptional

An array of delivery methods available for this booking. Possible values are: VOUCHER The voucher object is populated which is a single ticket for the whole booking. TICKET The ticket object is populated on each unit item which is a ticket for each individual person. If booking.deliveryMethods contains both TICKET and VOUCHER then both those values will be set.

Example: VOUCHERPossible values: VOUCHERTICKET

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**options**object[]Required

An array of all options for this product. All products must have at least one option.

Hide properties

**id**stringRequired

The id that identifies this option, it is only unique within the product.

Example: DEFAULT

**default**booleanRequired

TRUE identifies the option as default, and should therefore rendered and selected first

**internalName**stringRequired

The name the supplier calls the option by.

Example: Private Morning Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: VIP-MORN

**availabilityLocalStartTimes**string[]Required

This will be an array of all possible start times that can be returned during availability. For example an all day attraction may have a single value like ["00:00"] whilst a tour with multiple departure times may have multiple:["09:00", "14:00", "17:00"].

Example: 09:00

**cancellationCutoff**stringRequired

This is how long before the tour the booking can be still be cancelled.

Example: 1 hour

**cancellationCutoffAmount**integerRequired

The numeric amount for the cutoff.

Example: 1

**cancellationCutoffUnit**string · enumRequired

Time units used to determine duration. Three values are available: hour, minute, day.

Example: hourPossible values: hourminuteday

**requiredContactFields**string · enum[]Required

An array of the contact fields required to confirm a booking. These just apply to the lead traveller on the booking and not for every ticket.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**objectRequired

An object containing a fixed list of restrictions for booking the option.

Example: {"minUnits":null,"maxUnits":10}

Hide properties

**minUnits**integer | nullRequired

The minimum number of tickets that can be purchased in a single booking (null = 0).

Example: 0

**maxUnits**integer | nullRequired

The maximum number of tickets that can be purchased in a single booking (null = unlimited).

Example: 10

**units**object[]Required

The list of ticket types (units) available for sale.

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**Json mẫu:  
{**

**"id": "6b903d44-dc24-4ca4-ae71-6bde6c4f4854",**

**"internalName": "Amazon River Tour",**

**"reference": "AMZN",**

**"locale": "en-GB",**

**"timeZone": "Europe/London",**

**"allowFreesale": true,**

**"instantConfirmation": true,**

**"instantDelivery": true,**

**"availabilityRequired": true,**

**"availabilityType": "START\_TIME",**

**"deliveryFormats": [**

**"QRCODE"**

**],**

**"deliveryMethods": [**

**"VOUCHER"**

**],**

**"redemptionMethod": "DIGITAL",**

**"options": [**

**{**

**"id": "DEFAULT",**

**"default": true,**

**"internalName": "Private Morning Tour",**

**"reference": "VIP-MORN",**

**"availabilityLocalStartTimes": [**

**"09:00"**

**],**

**"cancellationCutoff": "1 hour",**

**"cancellationCutoffAmount": 1,**

**"cancellationCutoffUnit": "hour",**

**"requiredContactFields": [**

**"firstName"**

**],**

**"restrictions": {**

**"minUnits": "null",**

**"maxUnits": 10**

**},**

**"units": [**

**{**

**"id": "adult\_697e3ce8-1860-4cbf-80ad-95857df1f640",**

**"internalName": "Adult(s)",**

**"reference": "LR1-01-new",**

**"type": "YOUTH",**

**"requiredContactFields": [**

**"firstName"**

**],**

**"restrictions": {**

**"minAge": 3,**

**"maxAge": 17,**

**"idRequired": true,**

**"minQuantity": 2,**

**"maxQuantity": 7,**

**"paxCount": 1,**

**"accompaniedBy": [**

**"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"**

**]**

**}**

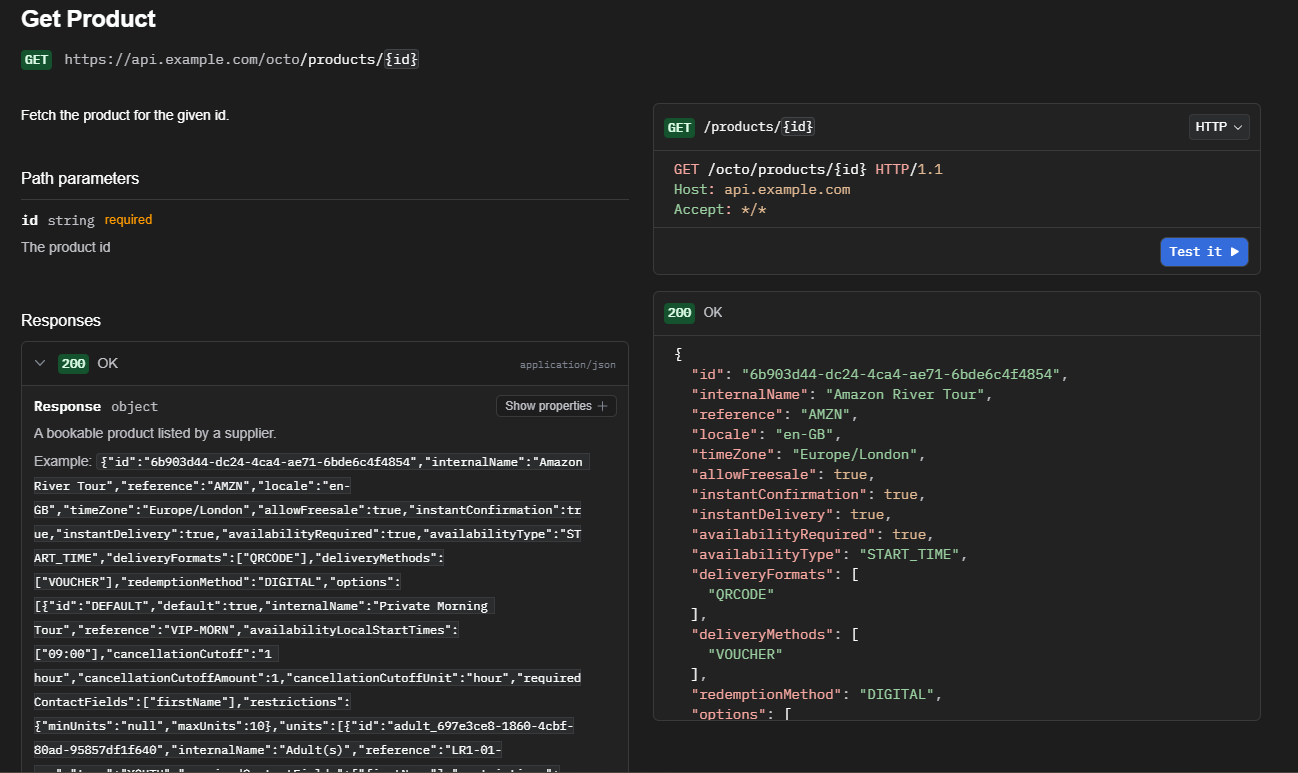
**}**

**]**

**}**

**]**

**}**

  
  
3. **Availability**

**Availability**

The first step when making a sale is to check for availability. Note if allowFreesale is set to true on the [product](https://klook.gitbook.io/openapi/api-core-mandatory/products) then this step is optional but it is advised you check it anyway if you can to check for closures.

OCTO has two main availability calls:

[Availability Calendar](https://klook.gitbook.io/openapi/api-core-mandatory/availability#availability-calendar) endpoint is designed to be highly optimized and returns a single object per day. It's designed to be queried for large date ranges and the result is used to populate an availability calendar.

[Availability Check](https://klook.gitbook.io/openapi/api-core-mandatory/availability#availability-check) endpoint may be slightly slower as it will return an object for each individual departure time (or day).

**Availability Calendar**

**Availability Calendar**

**post**

https://api.example.com/octo/availability/calendar

This endpoint is highly optimised and will return a single object per day. It's designed to be queried for large date ranges and the result is used to populate an availability calendar.

When the end user selects an open date you can call on /availability endpoint to get the availabilityId to create the booking.

Body

**productId**stringRequired

The product id.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**optionId**stringRequired

The option id.

Example: DEFAULT

**localDateStart**stringRequired

Start date to query for (YYYY-MM-DD).

Example: 2022-05-23

**localDateEnd**stringRequired

End date to query for (YYYY-MM-DD).

Example: 2022-05-29

**units**object[]Optional

A list of units.

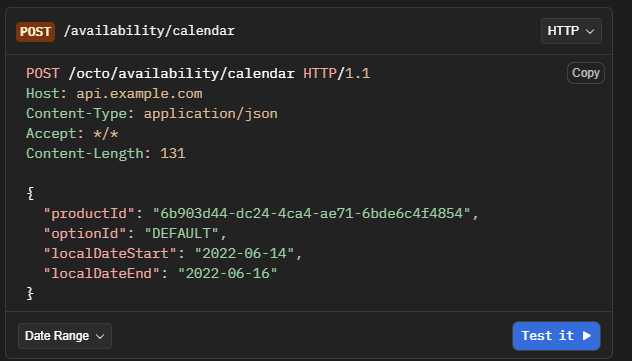
Hide properties

**id**stringRequired

The unit id.

**quantity**integerRequired

The quantity of the unit.

  
  
respone:  
**200**

OK

application/json

**Response**object[]

Schema for the /avalibility/calendar endpoint. For querying general open slots per day on a large range of days versus availability per departure time.

Hide properties

**localDate**string · dateRequired

A single date to query. Must be ISO 8601 compliant date.

Example: 2022-05-12

**available**booleanRequired

Whether there is availability for this date / slot.

**status**string · enumRequired

The status of that date. Possible values are: AVAILABLE This availability is available for sale FREESALE This availability has no capacity and is available. SOLD\_OUT There are no more spots available for this date / slot. LIMITED This availability is available but has less than 50% capacity left. CLOSED Availability is closed for this day / slot.

Example: AVAILABLEPossible values: AVAILABLEFREESALESOLD\_OUTLIMITEDCLOSED

**vacancies**integer | nullRequired

This SHOULD NOT be returned when status is FREESALE. This SHOULD be a shared pool for all Unit types in the Option. If availability is tracked per-Unit then this value MUST be equal to the available quantity for the Unit that has the most remaining.

Example: 10

**capacity**integer | nullRequired

The total capacity on this day.

Example: 10

**openingHours**object[]Required

A list of opening hours that the product is open on this day.

Hide properties

**from**stringRequired

When this product opens (HH:MM)

Example: 08:00

**to**stringRequired

When this product closes (HH:MM)

Example: 16:00

**400**

Example response

application/json

**Response**object

Hide properties

**error**stringRequired

**errorMessage**stringRequired

**productId**stringOptional

**optionId**stringOptional

json mẫu:  
200: [

{

"localDate": "2022-06-14",

"available": true,

"status": "AVAILABLE",

"vacancies": 20,

"capacity": 20,

"openingHours": []

},

{

"localDate": "2022-06-15",

"available": true,

"status": "AVAILABLE",

"vacancies": 10,

"capacity": 10,

"openingHours": []

},

{

"localDate": "2022-06-16",

"available": true,

"status": "AVAILABLE",

"vacancies": 10,

"capacity": 10,

"openingHours": []

}

]  
  
400: {

"error": "INVALID\_PRODUCT\_ID",

"errorMessage": "The productId was missing or invalid",

"productId": "cc2a6d56-6efe-426f-99c9-6eb10e341565"

}  
  
**Availability Check**

**A reseller has to perform** [**Availability Check**](https://klook.gitbook.io/openapi/api-core-mandatory/availability#availability-check) **to retrieve an** availabilityId **in order to make a** [**Booking Reservation**](https://klook.gitbook.io/openapi/api-core-mandatory/bookings#booking-reservation)**, so this endpoint is critical for the booking flow.**

**Availability Check**

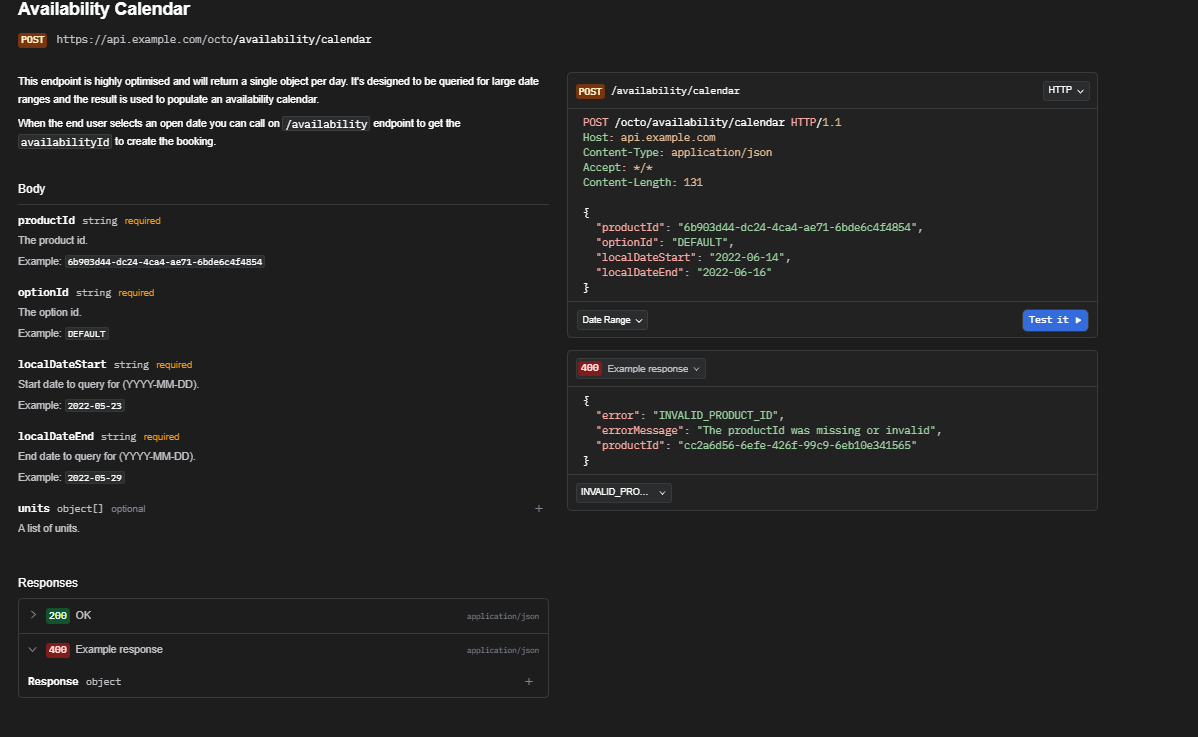
**post**

https://api.example.com/octo/availability

This endpoint is slightly slower as it will return an object for each individual departure time (or day). You have to perform this step to retrieve an availabilityId in order to confirm a sale, so if you just want to use this endpoint and skip the calendar endpoint then that's perfectly ok.

You must pass in one of the following combinations of parameters for this endpoint:

* localDate
* localeDateStart and localDateEnd
* availabilityIds

  
  
**Availability Check**

**A reseller has to perform** [**Availability Check**](https://klook.gitbook.io/openapi/api-core-mandatory/availability#availability-check) **to retrieve an** availabilityId **in order to make a** [**Booking Reservation**](https://klook.gitbook.io/openapi/api-core-mandatory/bookings#booking-reservation)**, so this endpoint is critical for the booking flow.**

**Availability Check**

**post**

https://api.example.com/octo/availability

This endpoint is slightly slower as it will return an object for each individual departure time (or day). You have to perform this step to retrieve an availabilityId in order to confirm a sale, so if you just want to use this endpoint and skip the calendar endpoint then that's perfectly ok.

You must pass in one of the following combinations of parameters for this endpoint:

* localDate
* localeDateStart and localDateEnd
* availabilityIds

Body

**productId**stringRequired

The product id.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**optionId**stringRequired

The option id.

Example: DEFAULT

**localDateStart**string · dateOptional

Start date to query for (YYYY-MM-DD). Required if localDateEnd is set.

Example: 2022-05-23

**localDateEnd**string · dateOptional

End date to query for (YYYY-MM-DD). Required if localDateStart is set.

Example: 2022-05-29

**availabilityIds**string[]Optional

Filter the results by the given ids.

Example: ["2022-05-23T00:00:00+01:00"]

**units**object[]Optional

A list of units.

Hide properties

**id**stringRequired

The unit id.

**quantity**integerRequired

The quantity of the unit.



Respone: Responses

**200**

OK

application/json

**Response**object[]

Schema for the /avalibility/calendar endpoint. It's designed to be queried for large date ranges and the result is used to populate an availability calendar.

Hide properties

**id**stringRequired

The availability id, you''ll need this when booking. MUST be a unique identifier within the scope of an option.

Example: 2022-05-23T00:00:00+01:00

**localDateTimeStart**string · date-timeRequired

The start time for this availability. This will be in the local time zone of the product. Must be an ISO 8601 compliant date and time.

Example: 2022-05-23T00:00:00+01:00

**localDateTimeEnd**string · date-timeRequired

The end time for this availability. This will be in the local time zone of the product. Must be an ISO 8601 compliant date and time.

Example: 2022-05-24T00:00:00+01:00

**allDay**booleanRequired

A boolean field indicating whether this is an all day availability and not a fixed departure time. If this value is true then there will be no other availability object on the same day.

**available**booleanRequired

Whether there is availability for this date / slot.

**status**string · enumRequired

The status of that date. Possible values are: AVAILABLE This availability is available for sale FREESALE This availability has no capacity and is available. SOLD\_OUT There are no more spots available for this date / slot. LIMITED This availability is available but has less than 50% capacity left. CLOSED Availability is closed for this day / slot.

Example: AVAILABLEPossible values: AVAILABLEFREESALESOLD\_OUTLIMITEDCLOSED

**vacancies**integer | nullRequired

This SHOULD NOT be returned when status is FREESALE. This SHOULD be a shared pool for all Unit types in the Option. If availability is tracked per-Unit then this value MUST be equal to the available quantity for the Unit that has the most remaining.

Example: 10

**capacity**integer | nullRequired

The total capacity on this day.

Example: 10

**maxUnits**integer | nullRequired

Maximum number of units that can be sold within one booking on this day / slot.

Example: 10

**utcCutoffAt**stringRequired

The time by which the booking must be confirmed at

Example: 2022-05-22T23:00:00Z

**openingHours**object[]Required

A list of opening hours that the product is open on this day.

Hide properties

**from**stringRequired

When this product opens (HH:MM)

Example: 08:00

**to**stringRequired

When this product closes (HH:MM)

Example: 16:00

**400**

Example response

application/json

**Response**object

Hide properties

**error**stringRequired

**errorMessage**stringRequired

**productId**stringOptional

**optionId**stringOptional

json mẫu:  
200: [

{

"id": "2022-06-30T12:00:00+01:00",

"localDateTimeStart": "2022-06-30T12:00:00+01:00",

"localDateTimeEnd": "2022-06-30T14:00:00+01:00",

"allDay": false,

"available": true,

"status": "AVAILABLE",

"vacancies": 10,

"capacity": 10,

"maxUnits": null,

"utcCutoffAt": "2022-06-30T10:00:00Z",

"openingHours": []

},

{

"id": "2022-06-30T14:00:00+01:00",

"localDateTimeStart": "2022-06-30T14:00:00+01:00",

"localDateTimeEnd": "2022-06-30T16:00:00+01:00",

"allDay": false,

"available": true,

"status": "AVAILABLE",

"vacancies": 10,

"capacity": 10,

"maxUnits": null,

"utcCutoffAt": "2022-06-30T12:00:00Z",

"openingHours": []

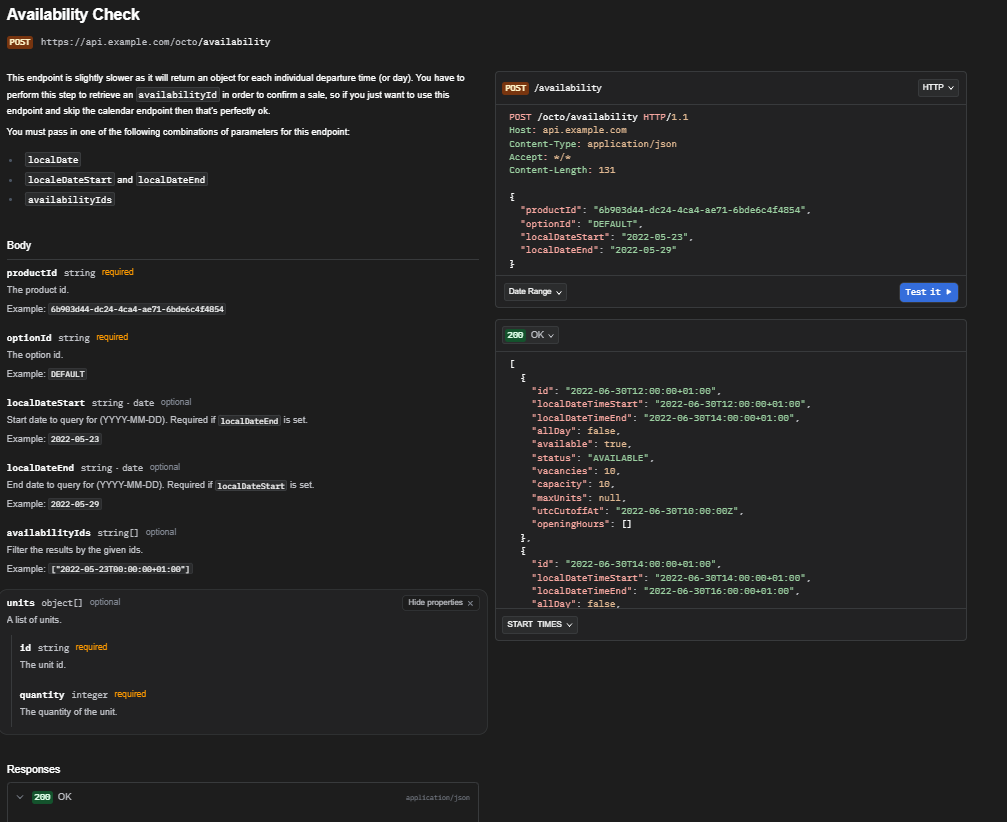
}

]  
400: {

"error": "INVALID\_PRODUCT\_ID",

"errorMessage": "The productId was missing or invalid",

"productId": "cc2a6d56-6efe-426f-99c9-6eb10e341565"

}  
  
4.booking:  
**Get Booking**

**get**

https://api.example.com/octo/bookings/{uuid}

Fetch the status of an existing booking.

Path parameters

**uuid**stringRequired The UUID of the booking

**200**

OK

application/json

**Response**object

Hide properties

**id**stringRequired

A unique ID / UUID generated by the supplier system to identify the booking.

Example: bbbb6227-54fc-4c32-9ed7-dc3eb99966ea

**uuid**string · uuidRequired

A UUID you can set when generating the booking to use as an idempotency key.

Example: 559aed3d-6d5b-4fe0-bfca-99f5e7218a56

**testMode**booleanRequired

If TRUE, booking was created on test mode

**resellerReference**string | nullRequired

The reference set by the Reseller. A mandatory field for resellers to be set in the booking confirmation request.

**supplierReference**string | nullRequired

The Supplier's / booking platform reference.

**status**string · enumRequired

The status of the booking, possible values are: ON\_HOLD The booking is pending confirmation, this is the default value when you first create the booking. EXPIRED If the booking is not confirmed before the expiration hold expires, it goes into an expired state. CONFIRMED Once the confirmation call is made the booking is ready to be used. CANCELLED If the booking is cancelled. PENDING If the booking is pending outside availability confirmation. REDEEMED If the booking is already redeemed.

Example: CONFIRMEDPossible values: ON\_HOLDCONFIRMEDEXPIREDCANCELLEDREDEEMEDPENDINGREJECTED

**utcCreatedAt**stringRequired

An ISO8601 date time in UTC when the booking was created.

Example: 2021-10-27T23:28:43Z

**utcUpdatedAt**string | nullRequired

An ISO8601 date time in UTC when the booking was updated.

Example: 2021-10-27T23:28:43Z

**utcExpiresAt**string | nullRequired

An ISO8601 date times in UTC for when this booking is due to expire if the status is ON\_HOLD.

Example: 2021-10-27T23:58:43Z

**utcRedeemedAt**string | nullRequired

An ISO8601 date time in UTC at when the booking was redeemed.

**utcConfirmedAt**string | nullRequired

An ISO8601 date time in UTC when the booking was confirmed.

Example: 2021-10-27T23:28:43Z

**productId**stringRequired

The product ID that identifies the product in the booking system to make this reservation.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**product**objectRequired

A bookable product listed by a supplier.

Example: {"id":"6b903d44-dc24-4ca4-ae71-6bde6c4f4854","internalName":"Amazon River Tour","reference":"AMZN","locale":"en-GB","timeZone":"Europe/London","allowFreesale":true,"instantConfirmation":true,"instantDelivery":true,"availabilityRequired":true,"availabilityType":"START\_TIME","deliveryFormats":["QRCODE"],"deliveryMethods":["VOUCHER"],"redemptionMethod":"DIGITAL","options":[{"id":"DEFAULT","default":true,"internalName":"Private Morning Tour","reference":"VIP-MORN","availabilityLocalStartTimes":["09:00"],"cancellationCutoff":"1 hour","cancellationCutoffAmount":1,"cancellationCutoffUnit":"hour","requiredContactFields":["firstName"],"restrictions":{"minUnits":"null","maxUnits":10},"units":[{"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}]}]}

Hide properties

**id**stringRequired

The id used for checking for availability and creating bookings for the product. This MUST be unique within the scope of the Supplier.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**internalName**stringRequired

The name the supplier calls the product.

Example: Amazon River Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: AMZN

**locale**stringRequired

A language code indicating what language this product content is in. This MUST be a valid BCP 47 RFC 5646 RFC 4647 language tag.

Example: en-GB

**timeZone**stringOptional

The IANA TimeZone name this product is located in.

Example: Europe/London

**allowFreesale**booleanRequired

Whether a booking can be made for this product without having to query availability first.

**instantConfirmation**booleanRequired

Whether bookings will be immediately confirmed when a sale is made, otherwise the supplier will later either accept or reject the booking. When instantConfirmation is set to false one should expect created bookings to first get into a PENDING state.

**instantDelivery**booleanRequired

This indicates whether the Reseller can expect immediate delivery of the customer's tickets. If false then the Reseller MUST be able to delay delivery of the tickets to the customer.

**availabilityRequired**booleanRequired

Whether an availabilityId is required when creating a booking. Without this the booking will be open-dated and not have a specified travel date.

**availabilityType**string · enumRequired

What type of availability this product has, possible values are: START\_TIME if there are fixed departure times which you must pick one. Typical for day tours or activities. OPENING\_HOURS if you just select a date and can visit any time when the venue is open.

Example: START\_TIMEPossible values: START\_TIMEOPENING\_HOURS

**deliveryFormats**string · enum[]Required

An array of formats the API will deliver the tickets as. Possible values are: QRCODE A code to be presented as a QR CODE barcode CODE128A code to be presented as a CODE 128 barcode PDF\_URL A URL to a PDF file which contains all the ticket details

Example: QRCODE

Hide properties

**items**string · enumOptional

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryMethods**string · enum[]Required

How the formats described in deliveryFormats will be delivered in the booking response, possible values are: TICKET: Individually per unit in the order (i.e. single ticket for each person) VOUCHER: One ticket for the whole booking

Hide properties

**items**string · enumOptional

An array of delivery methods available for this booking. Possible values are: VOUCHER The voucher object is populated which is a single ticket for the whole booking. TICKET The ticket object is populated on each unit item which is a ticket for each individual person. If booking.deliveryMethods contains both TICKET and VOUCHER then both those values will be set.

Example: VOUCHERPossible values: VOUCHERTICKET

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**options**object[]Required

An array of all options for this product. All products must have at least one option.

Hide properties

**id**stringRequired

The id that identifies this option, it is only unique within the product.

Example: DEFAULT

**default**booleanRequired

TRUE identifies the option as default, and should therefore rendered and selected first

**internalName**stringRequired

The name the supplier calls the option by.

Example: Private Morning Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: VIP-MORN

**availabilityLocalStartTimes**string[]Required

This will be an array of all possible start times that can be returned during availability. For example an all day attraction may have a single value like ["00:00"] whilst a tour with multiple departure times may have multiple:["09:00", "14:00", "17:00"].

Example: 09:00

**cancellationCutoff**stringRequired

This is how long before the tour the booking can be still be cancelled.

Example: 1 hour

**cancellationCutoffAmount**integerRequired

The numeric amount for the cutoff.

Example: 1

**cancellationCutoffUnit**string · enumRequired

Time units used to determine duration. Three values are available: hour, minute, day.

Example: hourPossible values: hourminuteday

**requiredContactFields**string · enum[]Required

An array of the contact fields required to confirm a booking. These just apply to the lead traveller on the booking and not for every ticket.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**objectRequired

An object containing a fixed list of restrictions for booking the option.

Example: {"minUnits":null,"maxUnits":10}

Hide properties

**minUnits**integer | nullRequired

The minimum number of tickets that can be purchased in a single booking (null = 0).

Example: 0

**maxUnits**integer | nullRequired

The maximum number of tickets that can be purchased in a single booking (null = unlimited).

Example: 10

**units**object[]Required

The list of ticket types (units) available for sale.

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**optionId**stringRequired

The product ID that identifies the product option in the booking system to make this reservation.

Example: DEFAULT

**option**objectRequired

Product options are subdivisions of the original product that will affect price and / or duration. Within the OCTo spec, every product must contain an option.

Example: {"id":"DEFAULT","default":true,"internalName":"Private Morning Tour","reference":"VIP-MORN","availabilityLocalStartTimes":["09:00"],"cancellationCutoff":"1 hour","cancellationCutoffAmount":1,"cancellationCutoffUnit":"hour","requiredContactFields":["firstName"],"restrictions":{"minUnits":"null","maxUnits":10},"units":[{"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}]}

Hide properties

**id**stringRequired

The id that identifies this option, it is only unique within the product.

Example: DEFAULT

**default**booleanRequired

TRUE identifies the option as default, and should therefore rendered and selected first

**internalName**stringRequired

The name the supplier calls the option by.

Example: Private Morning Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: VIP-MORN

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This will be an array of all possible start times that can be returned during availability. For example an all day attraction may have a single value like ["00:00"] whilst a tour with multiple departure times may have multiple:["09:00", "14:00", "17:00"].

Example: 09:00

**cancellationCutoff**stringRequired

This is how long before the tour the booking can be still be cancelled.

Example: 1 hour

**cancellationCutoffAmount**integerRequired

The numeric amount for the cutoff.

Example: 1

**cancellationCutoffUnit**string · enumRequired

Time units used to determine duration. Three values are available: hour, minute, day.

Example: hourPossible values: hourminuteday

**requiredContactFields**string · enum[]Required

An array of the contact fields required to confirm a booking. These just apply to the lead traveller on the booking and not for every ticket.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**objectRequired

An object containing a fixed list of restrictions for booking the option.

Example: {"minUnits":null,"maxUnits":10}

Hide properties

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The minimum number of tickets that can be purchased in a single booking (null = 0).

Example: 0

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The maximum number of tickets that can be purchased in a single booking (null = unlimited).

Example: 10

**units**object[]Required

The list of ticket types (units) available for sale.

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

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This is the array of the contact information PER ticket that the supplier expects.

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**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**cancellable**booleanRequired

A boolean field indicating whether this booking can be cancelled.

**cancellation**null | objectRequired

An object with information about why and when the booking was cancelled. This is NULL if the booking is not cancelled.

Hide properties

**refund**stringRequired

Whether the booking was refunded as part of the cancellation. Possible values are FULL, PARTIAL or NONE

**reason**null | stringRequired

A text value describing why the cancellation happened.

**utcCancelledAt**stringRequired

An ISO8601 date time in UTC indicating when the booking was cancelled.

Example: 2021-10-27T23:38:43Z

**freesale**booleanRequired

Whether the booking was made as freesale (without checking availability first).

**availabilityId**stringRequired

The availability id that was used in the request.

**availability**objectRequired

The availability object that was booked.

Hide properties

**id**stringRequired

The availability id that was used in the request.

Example: 2021-10-27T00:00:00-04:00

**localDateTimeStart**stringRequired

The localDateTimeStart value from the original availability object.

Example: 2021-10-27T00:00:00-04:00

**localDateTimeEnd**stringRequired

The localDateTimeEnd value from the original availability object.

Example: 2021-10-28T00:00:00-04:00

**allDay**booleanRequired

A boolean value indicating whether the availability is all day.

**openingHours**object[]Required

The opening hours from the original availability object.

Hide properties

**from**stringRequired

When this product opens (HH:MM)

Example: 08:00

**to**stringRequired

When this product closes (HH:MM)

Example: 16:00

**contact**objectRequired

Contact details for the guests that will attend the tour/attraction. Contact schema can be applied to both the booking object (the main reservation) or the unit object (individual ticket holders - if the supplier requires this information)

Example: {"fullName":"John Doe","firstName":"John","lastName":"Doe","emailAddress":"johndoe@email.com","phoneNumber":null,"locales":["en"],"postalCode":null,"country":null,"notes":null}

Hide properties

**fullName**null | stringOptional

The full name of the booking holder or the ticket holder. Can also be retrieved as an alias for the concatenation of firstName and lastName

Example: John Doe

**firstName**null | stringOptional

The first name of the booking holder or the ticket holder.

Example: John

**lastName**null | stringOptional

The last name of the booking holder or the ticket holder.

Example: Doe

**emailAddress**null | stringOptional

The email address of the booking holder or the ticket holder.

Example: johndoe@email.com

**phoneNumber**null | stringOptional

The phone number of the booking holder or the ticket holder.

**locales**string[]Optional

An array of locale values, equivalent to navigator.languages in a browsers environment.

Example: en

**postalCode**null | stringOptional

The PO Box of the booking holder or the ticket holder.

**country**null | stringOptional

The country of the booking holder or the ticket holder.

**notes**null | stringOptional

Optional notes for the booking.

**notes**string | nullRequiredExample: Optional notes for the booking

**deliveryMethods**string · enum[]Required

An array of delivery methods available for this booking.

Hide properties

**items**string · enumOptional

An array of delivery methods available for this booking. Possible values are: VOUCHER The voucher object is populated which is a single ticket for the whole booking. TICKET The ticket object is populated on each unit item which is a ticket for each individual person. If booking.deliveryMethods contains both TICKET and VOUCHER then both those values will be set.

Example: VOUCHERPossible values: VOUCHERTICKET

**voucher**one ofOptional

objectOptionalExample: {"redemptionMethod":"DIGITAL","utcRedeemedAt":null,"deliveryOptions":[{"deliveryFormat":"QRCODE","deliveryValue":"string"}]}

Hide properties

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**deliveryOptions**object[]Required

Hide properties

**deliveryFormat**string · enumRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryValue**stringRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

or

nullOptional

**unitItems**object[]Required

An array of unit items that will be included in the booking.

Hide properties

**uuid**stringRequired

The id of the unit, this will be unique to the option.

Example: 3b1bc2ee-3155-4738-9471-f49842a07327

**resellerReference**string | nullRequired

A reference the reseller uses to identify the unit within all bookings.

Example: 4ec08a62-892c-48c1-a608-dc946531a33b

**supplierReference**string | nullRequired

A reference the supplier uses to identify the unit within all bookings.

Example: K9T7R5

**unitId**stringRequiredExample: youth\_f6446706-885a-437c-8461-efd6d7080910

**unit**objectRequiredExample: {"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**status**string · enumRequired

The status of the booking, possible values are: ON\_HOLD The booking is pending confirmation, this is the default value when you first create the booking. EXPIRED If the booking is not confirmed before the expiration hold expires, it goes into an expired state. CONFIRMED Once the confirmation call is made the booking is ready to be used. CANCELLED If the booking is cancelled. PENDING If the booking is pending outside availability confirmation. REDEEMED If the booking is already redeemed.

Example: CONFIRMEDPossible values: ON\_HOLDCONFIRMEDEXPIREDCANCELLEDREDEEMEDPENDINGREJECTED

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**contact**objectRequired

Contact details for the guests that will attend the tour/attraction. Contact schema can be applied to both the booking object (the main reservation) or the unit object (individual ticket holders - if the supplier requires this information)

Example: {"fullName":"John Doe","firstName":"John","lastName":"Doe","emailAddress":"johndoe@email.com","phoneNumber":null,"locales":["en"],"postalCode":null,"country":null,"notes":null}

Hide properties

**fullName**null | stringOptional

The full name of the booking holder or the ticket holder. Can also be retrieved as an alias for the concatenation of firstName and lastName

Example: John Doe

**firstName**null | stringOptional

The first name of the booking holder or the ticket holder.

Example: John

**lastName**null | stringOptional

The last name of the booking holder or the ticket holder.

Example: Doe

**emailAddress**null | stringOptional

The email address of the booking holder or the ticket holder.

Example: johndoe@email.com

**phoneNumber**null | stringOptional

The phone number of the booking holder or the ticket holder.

**locales**string[]Optional

An array of locale values, equivalent to navigator.languages in a browsers environment.

Example: en

**postalCode**null | stringOptional

The PO Box of the booking holder or the ticket holder.

**country**null | stringOptional

The country of the booking holder or the ticket holder.

**notes**null | stringOptional

Optional notes for the booking.

**ticket**one ofOptional

objectOptionalExample: {"redemptionMethod":"DIGITAL","utcRedeemedAt":null,"deliveryOptions":[{"deliveryFormat":"QRCODE","deliveryValue":"string"}]}

Hide properties

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**deliveryOptions**object[]Required

Hide properties

**deliveryFormat**string · enumRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryValue**stringRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

or

nullOptional

**400**

Example response

application/json

**Response**object

Hide properties

**id**stringOptional

json mẫu:  
200:  
{

"id": "3ac5450f-8511-4386-9feb-17ce4f9e1f86",

"uuid": "ec0ce0c2-03f0-4c64-bbc5-5e0f7d1e1c0a",

"testMode": true,

"resellerReference": null,

"supplierReference": "ALG6RQ",

"status": "CONFIRMED",

"utcCreatedAt": "2022-05-25T11:03:22Z",

"utcUpdatedAt": "2022-05-25T11:03:31Z",

"utcExpiresAt": null,

"utcRedeemedAt": null,

"utcConfirmedAt": "2022-05-25T11:03:31Z",

"productId": "1",

"product": {

"id": "1",

"internalName": "PPU | OH",

"reference": null,

"locale": "en",

"timeZone": "Europe/London",

"allowFreesale": false,

"instantConfirmation": true,

"instantDelivery": true,

"availabilityRequired": true,

"availabilityType": "OPENING\_HOURS",

"deliveryFormats": [

"PDF\_URL",

"QRCODE"

],

"deliveryMethods": [

"TICKET",

"VOUCHER"

],

"redemptionMethod": "DIGITAL",

"options": [

{

"id": "DEFAULT",

"default": true,

"internalName": "DEFAULT",

"reference": null,

"availabilityLocalStartTimes": [

"00:00"

],

"cancellationCutoff": "0 hours",

"cancellationCutoffAmount": 0,

"cancellationCutoffUnit": "hour",

"requiredContactFields": [],

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

}

]

}

]

},

"optionId": "DEFAULT",

"option": {

"id": "DEFAULT",

"default": true,

"internalName": "DEFAULT",

"reference": null,

"availabilityLocalStartTimes": [

"00:00"

],

"cancellationCutoff": "0 hours",

"cancellationCutoffAmount": 0,

"cancellationCutoffUnit": "hour",

"requiredContactFields": [],

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

}

]

},

"cancellable": true,

"cancellation": null,

"freesale": false,

"availabilityId": "2022-04-30T00:00:00+01:00",

"availability": {

"id": "2022-04-30T00:00:00+01:00",

"localDateTimeStart": "2022-04-30T00:00:00+01:00",

"localDateTimeEnd": "2022-05-01T00:00:00+01:00",

"allDay": true,

"openingHours": [

{

"from": "09:00",

"to": "17:00"

}

]

},

"contact": {

"fullName": "John Doe",

"firstName": "John",

"lastName": "Doe",

"emailAddress": "johndoe@email.com",

"phoneNumber": null,

"locales": [],

"country": null,

"notes": null

},

"notes": null,

"deliveryMethods": [

"TICKET",

"VOUCHER"

],

"voucher": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": [

{

"deliveryFormat": "PDF\_URL",

"deliveryValue": "https://api.octomock.com/octo/pdf?booking=ec0ce0c2-03f0-4c64-bbc5-5e0f7d1e1c0a"

},

{

"deliveryFormat": "QRCODE",

"deliveryValue": "ALG6RQ"

}

]

},

"unitItems": [

{

"uuid": "25ec5429-d563-45f9-ba5b-85b03edbf65e",

"resellerReference": null,

"supplierReference": "EO6Q0P",

"unit": {

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

},

"unitId": "adult",

"status": "ON\_HOLD",

"utcRedeemedAt": null,

"contact": {

"fullName": null,

"firstName": null,

"lastName": null,

"emailAddress": null,

"phoneNumber": null,

"locales": [],

"country": null,

"notes": null

},

"ticket": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": [

{

"deliveryFormat": "PDF\_URL",

"deliveryValue": "https://api.octomock.com/octo/pdf?booking=ec0ce0c2-03f0-4c64-bbc5-5e0f7d1e1c0a&ticket=25ec5429-d563-45f9-ba5b-85b03edbf65e"

},

{

"deliveryFormat": "QRCODE",

"deliveryValue": "EO6Q0P"

}

]

}

}

]

}  
**400**

Example response

Copy

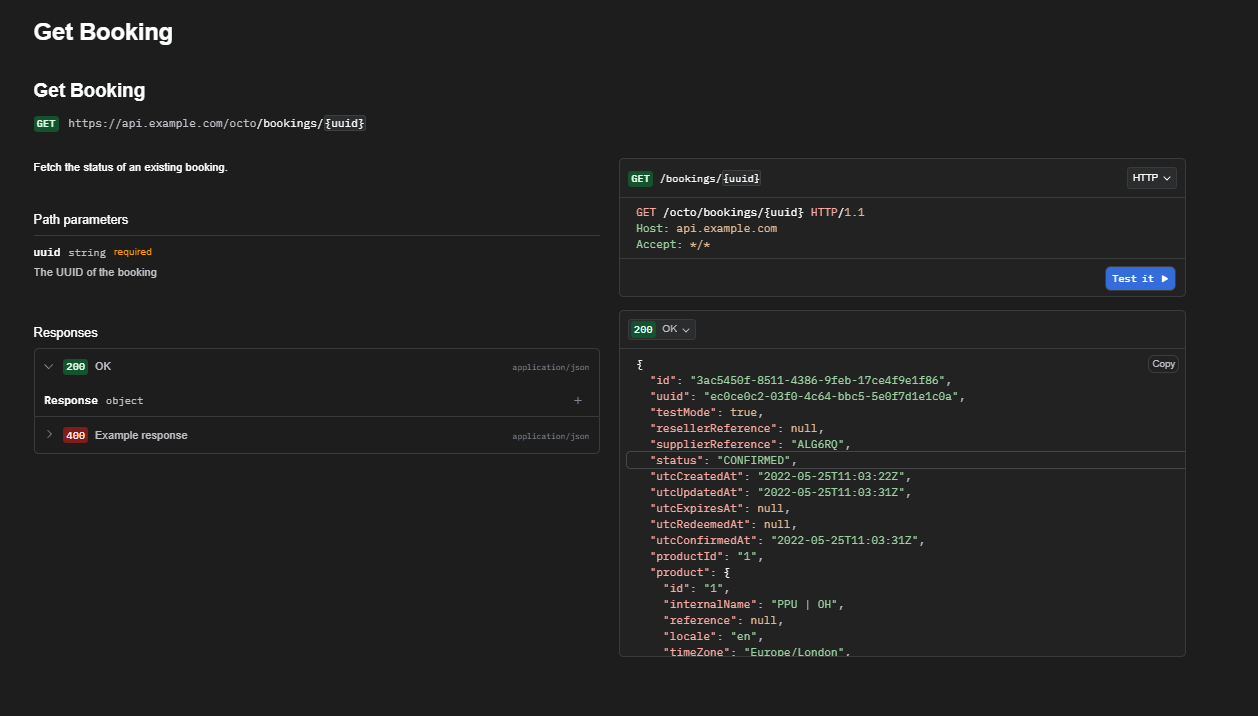
{

"error": "INVALID\_BOOKING\_UUID",

"errorMessage": "The uuid was already used, missing or invalid",

"uuid": "bbbb6227-54fc-4c32-9ed7-dc3eb99966ea"

}

  
-----------  
 **Get Bookings  
Get Bookings**

**get**

https://api.example.com/octo/bookings

This endpoint will fetch the bookings you have made for the given filters.

When using this endpoint you must include one of the following query parameters:

* resellerReference
* supplierReference
* localDate
* localDateStart and localDateEnd

Authorizations

Query parameters

**resellerReference**stringOptional

The reseller reference on the booking

**supplierReference**stringOptional

The reference provided by the supplier

**localDate**stringOptional

All bookings made for a specific date

**localDateStart**stringOptional

First date of a date range search

**localDateEnd**stringOptional

Last date of a date range search

**productId**stringOptional

The product id to filter by

**optionId**stringOptional

The option id to filter by

**200**

OK

application/json

**Response**object[]

Hide properties

**id**stringRequired

A unique ID / UUID generated by the supplier system to identify the booking.

Example: bbbb6227-54fc-4c32-9ed7-dc3eb99966ea

**uuid**string · uuidRequired

A UUID you can set when generating the booking to use as an idempotency key.

Example: 559aed3d-6d5b-4fe0-bfca-99f5e7218a56

**testMode**booleanRequired

If TRUE, booking was created on test mode

**resellerReference**string | nullRequired

The reference set by the Reseller. A mandatory field for resellers to be set in the booking confirmation request.

**supplierReference**string | nullRequired

The Supplier's / booking platform reference.

**status**string · enumRequired

The status of the booking, possible values are: ON\_HOLD The booking is pending confirmation, this is the default value when you first create the booking. EXPIRED If the booking is not confirmed before the expiration hold expires, it goes into an expired state. CONFIRMED Once the confirmation call is made the booking is ready to be used. CANCELLED If the booking is cancelled. PENDING If the booking is pending outside availability confirmation. REDEEMED If the booking is already redeemed.

Example: CONFIRMEDPossible values: ON\_HOLDCONFIRMEDEXPIREDCANCELLEDREDEEMEDPENDINGREJECTED

**utcCreatedAt**stringRequired

An ISO8601 date time in UTC when the booking was created.

Example: 2021-10-27T23:28:43Z

**utcUpdatedAt**string | nullRequired

An ISO8601 date time in UTC when the booking was updated.

Example: 2021-10-27T23:28:43Z

**utcExpiresAt**string | nullRequired

An ISO8601 date times in UTC for when this booking is due to expire if the status is ON\_HOLD.

Example: 2021-10-27T23:58:43Z

**utcRedeemedAt**string | nullRequired

An ISO8601 date time in UTC at when the booking was redeemed.

**utcConfirmedAt**string | nullRequired

An ISO8601 date time in UTC when the booking was confirmed.

Example: 2021-10-27T23:28:43Z

**productId**stringRequired

The product ID that identifies the product in the booking system to make this reservation.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**product**objectRequired

A bookable product listed by a supplier.

Example: {"id":"6b903d44-dc24-4ca4-ae71-6bde6c4f4854","internalName":"Amazon River Tour","reference":"AMZN","locale":"en-GB","timeZone":"Europe/London","allowFreesale":true,"instantConfirmation":true,"instantDelivery":true,"availabilityRequired":true,"availabilityType":"START\_TIME","deliveryFormats":["QRCODE"],"deliveryMethods":["VOUCHER"],"redemptionMethod":"DIGITAL","options":[{"id":"DEFAULT","default":true,"internalName":"Private Morning Tour","reference":"VIP-MORN","availabilityLocalStartTimes":["09:00"],"cancellationCutoff":"1 hour","cancellationCutoffAmount":1,"cancellationCutoffUnit":"hour","requiredContactFields":["firstName"],"restrictions":{"minUnits":"null","maxUnits":10},"units":[{"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}]}]}

Hide properties

**id**stringRequired

The id used for checking for availability and creating bookings for the product. This MUST be unique within the scope of the Supplier.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**internalName**stringRequired

The name the supplier calls the product.

Example: Amazon River Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: AMZN

**locale**stringRequired

A language code indicating what language this product content is in. This MUST be a valid BCP 47 RFC 5646 RFC 4647 language tag.

Example: en-GB

**timeZone**stringOptional

The IANA TimeZone name this product is located in.

Example: Europe/London

**allowFreesale**booleanRequired

Whether a booking can be made for this product without having to query availability first.

**instantConfirmation**booleanRequired

Whether bookings will be immediately confirmed when a sale is made, otherwise the supplier will later either accept or reject the booking. When instantConfirmation is set to false one should expect created bookings to first get into a PENDING state.

**instantDelivery**booleanRequired

This indicates whether the Reseller can expect immediate delivery of the customer's tickets. If false then the Reseller MUST be able to delay delivery of the tickets to the customer.

**availabilityRequired**booleanRequired

Whether an availabilityId is required when creating a booking. Without this the booking will be open-dated and not have a specified travel date.

**availabilityType**string · enumRequired

What type of availability this product has, possible values are: START\_TIME if there are fixed departure times which you must pick one. Typical for day tours or activities. OPENING\_HOURS if you just select a date and can visit any time when the venue is open.

Example: START\_TIMEPossible values: START\_TIMEOPENING\_HOURS

**deliveryFormats**string · enum[]Required

An array of formats the API will deliver the tickets as. Possible values are: QRCODE A code to be presented as a QR CODE barcode CODE128A code to be presented as a CODE 128 barcode PDF\_URL A URL to a PDF file which contains all the ticket details

Example: QRCODE

Hide properties

**items**string · enumOptional

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryMethods**string · enum[]Required

How the formats described in deliveryFormats will be delivered in the booking response, possible values are: TICKET: Individually per unit in the order (i.e. single ticket for each person) VOUCHER: One ticket for the whole booking

Hide properties

**items**string · enumOptional

An array of delivery methods available for this booking. Possible values are: VOUCHER The voucher object is populated which is a single ticket for the whole booking. TICKET The ticket object is populated on each unit item which is a ticket for each individual person. If booking.deliveryMethods contains both TICKET and VOUCHER then both those values will be set.

Example: VOUCHERPossible values: VOUCHERTICKET

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**options**object[]Required

An array of all options for this product. All products must have at least one option.

Hide properties

**id**stringRequired

The id that identifies this option, it is only unique within the product.

Example: DEFAULT

**default**booleanRequired

TRUE identifies the option as default, and should therefore rendered and selected first

**internalName**stringRequired

The name the supplier calls the option by.

Example: Private Morning Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: VIP-MORN

**availabilityLocalStartTimes**string[]Required

This will be an array of all possible start times that can be returned during availability. For example an all day attraction may have a single value like ["00:00"] whilst a tour with multiple departure times may have multiple:["09:00", "14:00", "17:00"].

Example: 09:00

**cancellationCutoff**stringRequired

This is how long before the tour the booking can be still be cancelled.

Example: 1 hour

**cancellationCutoffAmount**integerRequired

The numeric amount for the cutoff.

Example: 1

**cancellationCutoffUnit**string · enumRequired

Time units used to determine duration. Three values are available: hour, minute, day.

Example: hourPossible values: hourminuteday

**requiredContactFields**string · enum[]Required

An array of the contact fields required to confirm a booking. These just apply to the lead traveller on the booking and not for every ticket.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**objectRequired

An object containing a fixed list of restrictions for booking the option.

Example: {"minUnits":null,"maxUnits":10}

Hide properties

**minUnits**integer | nullRequired

The minimum number of tickets that can be purchased in a single booking (null = 0).

Example: 0

**maxUnits**integer | nullRequired

The maximum number of tickets that can be purchased in a single booking (null = unlimited).

Example: 10

**units**object[]Required

The list of ticket types (units) available for sale.

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**optionId**stringRequired

The product ID that identifies the product option in the booking system to make this reservation.

Example: DEFAULT

**option**objectRequired

Product options are subdivisions of the original product that will affect price and / or duration. Within the OCTo spec, every product must contain an option.

Example: {"id":"DEFAULT","default":true,"internalName":"Private Morning Tour","reference":"VIP-MORN","availabilityLocalStartTimes":["09:00"],"cancellationCutoff":"1 hour","cancellationCutoffAmount":1,"cancellationCutoffUnit":"hour","requiredContactFields":["firstName"],"restrictions":{"minUnits":"null","maxUnits":10},"units":[{"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}]}

Hide properties

**id**stringRequired

The id that identifies this option, it is only unique within the product.

Example: DEFAULT

**default**booleanRequired

TRUE identifies the option as default, and should therefore rendered and selected first

**internalName**stringRequired

The name the supplier calls the option by.

Example: Private Morning Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: VIP-MORN

**availabilityLocalStartTimes**string[]Required

This will be an array of all possible start times that can be returned during availability. For example an all day attraction may have a single value like ["00:00"] whilst a tour with multiple departure times may have multiple:["09:00", "14:00", "17:00"].

Example: 09:00

**cancellationCutoff**stringRequired

This is how long before the tour the booking can be still be cancelled.

Example: 1 hour

**cancellationCutoffAmount**integerRequired

The numeric amount for the cutoff.

Example: 1

**cancellationCutoffUnit**string · enumRequired

Time units used to determine duration. Three values are available: hour, minute, day.

Example: hourPossible values: hourminuteday

**requiredContactFields**string · enum[]Required

An array of the contact fields required to confirm a booking. These just apply to the lead traveller on the booking and not for every ticket.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**objectRequired

An object containing a fixed list of restrictions for booking the option.

Example: {"minUnits":null,"maxUnits":10}

Hide properties

**minUnits**integer | nullRequired

The minimum number of tickets that can be purchased in a single booking (null = 0).

Example: 0

**maxUnits**integer | nullRequired

The maximum number of tickets that can be purchased in a single booking (null = unlimited).

Example: 10

**units**object[]Required

The list of ticket types (units) available for sale.

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**cancellable**booleanRequired

A boolean field indicating whether this booking can be cancelled.

**cancellation**null | objectRequired

An object with information about why and when the booking was cancelled. This is NULL if the booking is not cancelled.

Hide properties

**refund**stringRequired

Whether the booking was refunded as part of the cancellation. Possible values are FULL, PARTIAL or NONE

**reason**null | stringRequired

A text value describing why the cancellation happened.

**utcCancelledAt**stringRequired

An ISO8601 date time in UTC indicating when the booking was cancelled.

Example: 2021-10-27T23:38:43Z

**freesale**booleanRequired

Whether the booking was made as freesale (without checking availability first).

**availabilityId**stringRequired

The availability id that was used in the request.

**availability**objectRequired

The availability object that was booked.

Hide properties

**id**stringRequired

The availability id that was used in the request.

Example: 2021-10-27T00:00:00-04:00

**localDateTimeStart**stringRequired

The localDateTimeStart value from the original availability object.

Example: 2021-10-27T00:00:00-04:00

**localDateTimeEnd**stringRequired

The localDateTimeEnd value from the original availability object.

Example: 2021-10-28T00:00:00-04:00

**allDay**booleanRequired

A boolean value indicating whether the availability is all day.

**openingHours**object[]Required

The opening hours from the original availability object.

Hide properties

**from**stringRequired

When this product opens (HH:MM)

Example: 08:00

**to**stringRequired

When this product closes (HH:MM)

Example: 16:00

**contact**objectRequired

Contact details for the guests that will attend the tour/attraction. Contact schema can be applied to both the booking object (the main reservation) or the unit object (individual ticket holders - if the supplier requires this information)

Example: {"fullName":"John Doe","firstName":"John","lastName":"Doe","emailAddress":"johndoe@email.com","phoneNumber":null,"locales":["en"],"postalCode":null,"country":null,"notes":null}

Hide properties

**fullName**null | stringOptional

The full name of the booking holder or the ticket holder. Can also be retrieved as an alias for the concatenation of firstName and lastName

Example: John Doe

**firstName**null | stringOptional

The first name of the booking holder or the ticket holder.

Example: John

**lastName**null | stringOptional

The last name of the booking holder or the ticket holder.

Example: Doe

**emailAddress**null | stringOptional

The email address of the booking holder or the ticket holder.

Example: johndoe@email.com

**phoneNumber**null | stringOptional

The phone number of the booking holder or the ticket holder.

**locales**string[]Optional

An array of locale values, equivalent to navigator.languages in a browsers environment.

Example: en

**postalCode**null | stringOptional

The PO Box of the booking holder or the ticket holder.

**country**null | stringOptional

The country of the booking holder or the ticket holder.

**notes**null | stringOptional

Optional notes for the booking.

**notes**string | nullRequiredExample: Optional notes for the booking

**deliveryMethods**string · enum[]Required

An array of delivery methods available for this booking.

Hide properties

**items**string · enumOptional

An array of delivery methods available for this booking. Possible values are: VOUCHER The voucher object is populated which is a single ticket for the whole booking. TICKET The ticket object is populated on each unit item which is a ticket for each individual person. If booking.deliveryMethods contains both TICKET and VOUCHER then both those values will be set.

Example: VOUCHERPossible values: VOUCHERTICKET

**voucher**one ofOptional

objectOptionalExample: {"redemptionMethod":"DIGITAL","utcRedeemedAt":null,"deliveryOptions":[{"deliveryFormat":"QRCODE","deliveryValue":"string"}]}

Hide properties

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**deliveryOptions**object[]Required

Hide properties

**deliveryFormat**string · enumRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryValue**stringRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

or

nullOptional

**unitItems**object[]Required

An array of unit items that will be included in the booking.

Hide properties

**uuid**stringRequired

The id of the unit, this will be unique to the option.

Example: 3b1bc2ee-3155-4738-9471-f49842a07327

**resellerReference**string | nullRequired

A reference the reseller uses to identify the unit within all bookings.

Example: 4ec08a62-892c-48c1-a608-dc946531a33b

**supplierReference**string | nullRequired

A reference the supplier uses to identify the unit within all bookings.

Example: K9T7R5

**unitId**stringRequiredExample: youth\_f6446706-885a-437c-8461-efd6d7080910

**unit**objectRequiredExample: {"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**status**string · enumRequired

The status of the booking, possible values are: ON\_HOLD The booking is pending confirmation, this is the default value when you first create the booking. EXPIRED If the booking is not confirmed before the expiration hold expires, it goes into an expired state. CONFIRMED Once the confirmation call is made the booking is ready to be used. CANCELLED If the booking is cancelled. PENDING If the booking is pending outside availability confirmation. REDEEMED If the booking is already redeemed.

Example: CONFIRMEDPossible values: ON\_HOLDCONFIRMEDEXPIREDCANCELLEDREDEEMEDPENDINGREJECTED

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**contact**objectRequired

Contact details for the guests that will attend the tour/attraction. Contact schema can be applied to both the booking object (the main reservation) or the unit object (individual ticket holders - if the supplier requires this information)

Example: {"fullName":"John Doe","firstName":"John","lastName":"Doe","emailAddress":"johndoe@email.com","phoneNumber":null,"locales":["en"],"postalCode":null,"country":null,"notes":null}

Hide properties

**fullName**null | stringOptional

The full name of the booking holder or the ticket holder. Can also be retrieved as an alias for the concatenation of firstName and lastName

Example: John Doe

**firstName**null | stringOptional

The first name of the booking holder or the ticket holder.

Example: John

**lastName**null | stringOptional

The last name of the booking holder or the ticket holder.

Example: Doe

**emailAddress**null | stringOptional

The email address of the booking holder or the ticket holder.

Example: johndoe@email.com

**phoneNumber**null | stringOptional

The phone number of the booking holder or the ticket holder.

**locales**string[]Optional

An array of locale values, equivalent to navigator.languages in a browsers environment.

Example: en

**postalCode**null | stringOptional

The PO Box of the booking holder or the ticket holder.

**country**null | stringOptional

The country of the booking holder or the ticket holder.

**notes**null | stringOptional

Optional notes for the booking.

**ticket**one ofOptional

objectOptionalExample: {"redemptionMethod":"DIGITAL","utcRedeemedAt":null,"deliveryOptions":[{"deliveryFormat":"QRCODE","deliveryValue":"string"}]}

Hide properties

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**deliveryOptions**object[]Required

Hide properties

**deliveryFormat**string · enumRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryValue**stringRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

or

nullOptional

**400**

Example response

application/json

**Response**object

Hide properties

**id**stringOptional

json mẫu:

200  
[

{

"id": "3ef65048-5ffe-474f-8a5c-fb35a9faa6ed",

"uuid": "814d2566-2c71-4e6a-aaa9-59b9bf26cc0d",

"testMode": true,

"resellerReference": null,

"supplierReference": "RNSRSM",

"status": "CONFIRMED",

"utcCreatedAt": "2022-05-25T11:07:05Z",

"utcUpdatedAt": "2022-05-25T11:09:32Z",

"utcExpiresAt": null,

"utcRedeemedAt": null,

"utcConfirmedAt": "2022-05-25T11:09:32Z",

"productId": "1",

"product": {

"id": "1",

"internalName": "PPU | OH",

"reference": null,

"locale": "en",

"timeZone": "Europe/London",

"allowFreesale": false,

"instantConfirmation": true,

"instantDelivery": true,

"availabilityRequired": true,

"availabilityType": "OPENING\_HOURS",

"deliveryFormats": [

"PDF\_URL",

"QRCODE"

],

"deliveryMethods": [

"TICKET",

"VOUCHER"

],

"redemptionMethod": "DIGITAL",

"options": [

{

"id": "DEFAULT",

"default": true,

"internalName": "DEFAULT",

"reference": null,

"availabilityLocalStartTimes": [

"00:00"

],

"cancellationCutoff": "0 hours",

"cancellationCutoffAmount": 0,

"cancellationCutoffUnit": "hour",

"requiredContactFields": [],

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

}

]

}

]

},

"optionId": "DEFAULT",

"option": {

"id": "DEFAULT",

"default": true,

"internalName": "DEFAULT",

"reference": null,

"availabilityLocalStartTimes": [

"00:00"

],

"cancellationCutoff": "0 hours",

"cancellationCutoffAmount": 0,

"cancellationCutoffUnit": "hour",

"requiredContactFields": [],

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

}

]

},

"cancellable": true,

"cancellation": null,

"freesale": false,

"availabilityId": "2022-04-30T00:00:00+01:00",

"availability": {

"id": "2022-04-30T00:00:00+01:00",

"localDateTimeStart": "2022-04-30T00:00:00+01:00",

"localDateTimeEnd": "2022-05-01T00:00:00+01:00",

"allDay": true,

"openingHours": [

{

"from": "09:00",

"to": "17:00"

}

]

},

"contact": {

"fullName": "John",

"firstName": "Doe",

"lastName": null,

"emailAddress": "john.doe@email.com",

"phoneNumber": null,

"locales": [],

"country": null,

"notes": null

},

"notes": null,

"deliveryMethods": [

"TICKET",

"VOUCHER"

],

"voucher": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": [

{

"deliveryFormat": "PDF\_URL",

"deliveryValue": "https://api.octomock.com/octo/pdf?booking=814d2566-2c71-4e6a-aaa9-59b9bf26cc0d"

},

{

"deliveryFormat": "QRCODE",

"deliveryValue": "RNSRSM"

}

]

},

"unitItems": [

{

"uuid": "a204e6de-7909-4bf2-b7a8-2884189534bc",

"resellerReference": null,

"supplierReference": "1LTYVC",

"unit": {

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

},

"unitId": "adult",

"status": "ON\_HOLD",

"utcRedeemedAt": null,

"contact": {

"fullName": null,

"firstName": null,

"lastName": null,

"emailAddress": null,

"phoneNumber": null,

"locales": [],

"country": null,

"notes": null

},

"ticket": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": [

{

"deliveryFormat": "PDF\_URL",

"deliveryValue": "https://api.octomock.com/octo/pdf?booking=814d2566-2c71-4e6a-aaa9-59b9bf26cc0d&ticket=a204e6de-7909-4bf2-b7a8-2884189534bc"

},

{

"deliveryFormat": "QRCODE",

"deliveryValue": "1LTYVC"

}

]

}

},

{

"uuid": "9116e598-6713-4cb5-8ba4-e5b839f7a5d5",

"resellerReference": null,

"supplierReference": "A89VR8",

"unit": {

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

},

"unitId": "adult",

"status": "ON\_HOLD",

"utcRedeemedAt": null,

"contact": {

"fullName": null,

"firstName": null,

"lastName": null,

"emailAddress": null,

"phoneNumber": null,

"locales": [],

"country": null,

"notes": null

},

"ticket": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": [

{

"deliveryFormat": "PDF\_URL",

"deliveryValue": "https://api.octomock.com/octo/pdf?booking=814d2566-2c71-4e6a-aaa9-59b9bf26cc0d&ticket=9116e598-6713-4cb5-8ba4-e5b839f7a5d5"

},

{

"deliveryFormat": "QRCODE",

"deliveryValue": "A89VR8"

}

]

}

}

]

}

]  
  
400:  
{

"error": "INVALID\_BOOKING\_UUID",

"errorMessage": "The uuid was already used, missing or invalid",

"uuid": "bbbb6227-54fc-4c32-9ed7-dc3eb99966ea"

}  
  
**Booking Reservation**

**A reseller has to perform** [**Availability Check**](https://klook.gitbook.io/openapi/api-core-mandatory/availability#availability-check) **to retrieve an** availabilityId **in order to make a** [**Booking Reservation**](https://klook.gitbook.io/openapi/api-core-mandatory/bookings#booking-reservation)**.**

**Booking Reservation**

**post**

https://api.example.com/octo/bookings

Reserving availability when making a booking. The steps to make a reservation are:

1. **Check Availability**: Check the availability on the [/availability](https://klook.gitbook.io/openapi/api-core-mandatory/docs/octo/branches/main/5b08f5f75e75d-availability-check) endpoint to retrieve an availabilityId
2. **Booking Reservation** (this step): Create a booking that reserves the availability while you collect payment and contact information from the customer. The booking will remain with status ON\_HOLD until the booking is confirmed or the reservation hold expires.

The availability for the booking is held for the amount of time equal to theexpirationMinutes parameter (if provided), up to an internal limit set by either the supplier or the OCTo provider. The utc\_expires\_at parameter in the response object will indicate when a reservtion will expire. A reservation can be extended by calling the [/bookings/{uuid}/extend](https://klook.gitbook.io/openapi/api-core-mandatory/docs/octo/branches/main/2c7924ab9128f-extend-reservation) endpoint.

A reserved booking can be confirmed after the customer finalizes their choice on the [/bookings/{uuid}/confirm](https://klook.gitbook.io/openapi/api-core-mandatory/docs/octo/branches/main/614d1613b2d70-booking-confirmation) endpoint provided the reservation had not expired.

Header parameters

**Content-Type**string · enumOptional

Required field on all POST requests

Possible values: application/json

Body

**uuid**string · uuidOptional

A unique UUID to identify the booking. Setting this value acts like an idempotency key preventing you from double booking.

Example: 559aed3d-6d5b-4fe0-bfca-99f5e7218a56

**productId**stringRequired

The product ID for this booking.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**optionId**stringRequired

The option ID for this booking.

Example: DEFAULT

**availabilityId**stringRequired

The availability ID for the selected timeslot.

Example: 2021-10-27T00:00:00-04:00

**expirationMinutes**integerOptional

How many minutes to reserve the availability, otherwise defaults to the supplier default amount.

Example: 30

**notes**stringOptional

Optional notes for the booking.

Example: Optional notes

**unitItems**object[]Required

An list of unit items that will be included in the booking.

Hide properties

**uuid**stringOptional

A unique UUID to identify the unit, same as the booking uuid except per unit.

Example: 3b1bc2ee-3155-4738-9471-f49842a07327

**unitId**stringRequired

The unit item unit ID.

Example: youth\_f6446706-885a-437c-8461-efd6d7080910

Responses

**200**

OK

application/json

**Response**object

Hide properties

**id**stringRequired

A unique ID / UUID generated by the supplier system to identify the booking.

Example: bbbb6227-54fc-4c32-9ed7-dc3eb99966ea

**uuid**string · uuidRequired

A UUID you can set when generating the booking to use as an idempotency key.

Example: 559aed3d-6d5b-4fe0-bfca-99f5e7218a56

**testMode**booleanRequired

If TRUE, booking was created on test mode

**resellerReference**string | nullRequired

The reference set by the Reseller. A mandatory field for resellers to be set in the booking confirmation request.

**supplierReference**string | nullRequired

The Supplier's / booking platform reference.

**status**string · enumRequired

The status of the booking, possible values are: ON\_HOLD The booking is pending confirmation, this is the default value when you first create the booking. EXPIRED If the booking is not confirmed before the expiration hold expires, it goes into an expired state. CONFIRMED Once the confirmation call is made the booking is ready to be used. CANCELLED If the booking is cancelled. PENDING If the booking is pending outside availability confirmation. REDEEMED If the booking is already redeemed.

Example: CONFIRMEDPossible values: ON\_HOLDCONFIRMEDEXPIREDCANCELLEDREDEEMEDPENDINGREJECTED

**utcCreatedAt**stringRequired

An ISO8601 date time in UTC when the booking was created.

Example: 2021-10-27T23:28:43Z

**utcUpdatedAt**string | nullRequired

An ISO8601 date time in UTC when the booking was updated.

Example: 2021-10-27T23:28:43Z

**utcExpiresAt**string | nullRequired

An ISO8601 date times in UTC for when this booking is due to expire if the status is ON\_HOLD.

Example: 2021-10-27T23:58:43Z

**utcRedeemedAt**string | nullRequired

An ISO8601 date time in UTC at when the booking was redeemed.

**utcConfirmedAt**string | nullRequired

An ISO8601 date time in UTC when the booking was confirmed.

Example: 2021-10-27T23:28:43Z

**productId**stringRequired

The product ID that identifies the product in the booking system to make this reservation.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**product**objectRequired

A bookable product listed by a supplier.

Example: {"id":"6b903d44-dc24-4ca4-ae71-6bde6c4f4854","internalName":"Amazon River Tour","reference":"AMZN","locale":"en-GB","timeZone":"Europe/London","allowFreesale":true,"instantConfirmation":true,"instantDelivery":true,"availabilityRequired":true,"availabilityType":"START\_TIME","deliveryFormats":["QRCODE"],"deliveryMethods":["VOUCHER"],"redemptionMethod":"DIGITAL","options":[{"id":"DEFAULT","default":true,"internalName":"Private Morning Tour","reference":"VIP-MORN","availabilityLocalStartTimes":["09:00"],"cancellationCutoff":"1 hour","cancellationCutoffAmount":1,"cancellationCutoffUnit":"hour","requiredContactFields":["firstName"],"restrictions":{"minUnits":"null","maxUnits":10},"units":[{"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}]}]}

Hide properties

**id**stringRequired

The id used for checking for availability and creating bookings for the product. This MUST be unique within the scope of the Supplier.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**internalName**stringRequired

The name the supplier calls the product.

Example: Amazon River Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: AMZN

**locale**stringRequired

A language code indicating what language this product content is in. This MUST be a valid BCP 47 RFC 5646 RFC 4647 language tag.

Example: en-GB

**timeZone**stringOptional

The IANA TimeZone name this product is located in.

Example: Europe/London

**allowFreesale**booleanRequired

Whether a booking can be made for this product without having to query availability first.

**instantConfirmation**booleanRequired

Whether bookings will be immediately confirmed when a sale is made, otherwise the supplier will later either accept or reject the booking. When instantConfirmation is set to false one should expect created bookings to first get into a PENDING state.

**instantDelivery**booleanRequired

This indicates whether the Reseller can expect immediate delivery of the customer's tickets. If false then the Reseller MUST be able to delay delivery of the tickets to the customer.

**availabilityRequired**booleanRequired

Whether an availabilityId is required when creating a booking. Without this the booking will be open-dated and not have a specified travel date.

**availabilityType**string · enumRequired

What type of availability this product has, possible values are: START\_TIME if there are fixed departure times which you must pick one. Typical for day tours or activities. OPENING\_HOURS if you just select a date and can visit any time when the venue is open.

Example: START\_TIMEPossible values: START\_TIMEOPENING\_HOURS

**deliveryFormats**string · enum[]Required

An array of formats the API will deliver the tickets as. Possible values are: QRCODE A code to be presented as a QR CODE barcode CODE128A code to be presented as a CODE 128 barcode PDF\_URL A URL to a PDF file which contains all the ticket details

Example: QRCODE

Hide properties

**items**string · enumOptional

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryMethods**string · enum[]Required

How the formats described in deliveryFormats will be delivered in the booking response, possible values are: TICKET: Individually per unit in the order (i.e. single ticket for each person) VOUCHER: One ticket for the whole booking

Hide properties

**items**string · enumOptional

An array of delivery methods available for this booking. Possible values are: VOUCHER The voucher object is populated which is a single ticket for the whole booking. TICKET The ticket object is populated on each unit item which is a ticket for each individual person. If booking.deliveryMethods contains both TICKET and VOUCHER then both those values will be set.

Example: VOUCHERPossible values: VOUCHERTICKET

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**options**object[]Required

An array of all options for this product. All products must have at least one option.

Hide properties

**id**stringRequired

The id that identifies this option, it is only unique within the product.

Example: DEFAULT

**default**booleanRequired

TRUE identifies the option as default, and should therefore rendered and selected first

**internalName**stringRequired

The name the supplier calls the option by.

Example: Private Morning Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: VIP-MORN

**availabilityLocalStartTimes**string[]Required

This will be an array of all possible start times that can be returned during availability. For example an all day attraction may have a single value like ["00:00"] whilst a tour with multiple departure times may have multiple:["09:00", "14:00", "17:00"].

Example: 09:00

**cancellationCutoff**stringRequired

This is how long before the tour the booking can be still be cancelled.

Example: 1 hour

**cancellationCutoffAmount**integerRequired

The numeric amount for the cutoff.

Example: 1

**cancellationCutoffUnit**string · enumRequired

Time units used to determine duration. Three values are available: hour, minute, day.

Example: hourPossible values: hourminuteday

**requiredContactFields**string · enum[]Required

An array of the contact fields required to confirm a booking. These just apply to the lead traveller on the booking and not for every ticket.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**objectRequired

An object containing a fixed list of restrictions for booking the option.

Example: {"minUnits":null,"maxUnits":10}

Hide properties

**minUnits**integer | nullRequired

The minimum number of tickets that can be purchased in a single booking (null = 0).

Example: 0

**maxUnits**integer | nullRequired

The maximum number of tickets that can be purchased in a single booking (null = unlimited).

Example: 10

**units**object[]Required

The list of ticket types (units) available for sale.

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**optionId**stringRequired

The product ID that identifies the product option in the booking system to make this reservation.

Example: DEFAULT

**option**objectRequired

Product options are subdivisions of the original product that will affect price and / or duration. Within the OCTo spec, every product must contain an option.

Example: {"id":"DEFAULT","default":true,"internalName":"Private Morning Tour","reference":"VIP-MORN","availabilityLocalStartTimes":["09:00"],"cancellationCutoff":"1 hour","cancellationCutoffAmount":1,"cancellationCutoffUnit":"hour","requiredContactFields":["firstName"],"restrictions":{"minUnits":"null","maxUnits":10},"units":[{"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}]}

Hide properties

**id**stringRequired

The id that identifies this option, it is only unique within the product.

Example: DEFAULT

**default**booleanRequired

TRUE identifies the option as default, and should therefore rendered and selected first

**internalName**stringRequired

The name the supplier calls the option by.

Example: Private Morning Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: VIP-MORN

**availabilityLocalStartTimes**string[]Required

This will be an array of all possible start times that can be returned during availability. For example an all day attraction may have a single value like ["00:00"] whilst a tour with multiple departure times may have multiple:["09:00", "14:00", "17:00"].

Example: 09:00

**cancellationCutoff**stringRequired

This is how long before the tour the booking can be still be cancelled.

Example: 1 hour

**cancellationCutoffAmount**integerRequired

The numeric amount for the cutoff.

Example: 1

**cancellationCutoffUnit**string · enumRequired

Time units used to determine duration. Three values are available: hour, minute, day.

Example: hourPossible values: hourminuteday

**requiredContactFields**string · enum[]Required

An array of the contact fields required to confirm a booking. These just apply to the lead traveller on the booking and not for every ticket.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**objectRequired

An object containing a fixed list of restrictions for booking the option.

Example: {"minUnits":null,"maxUnits":10}

Hide properties

**minUnits**integer | nullRequired

The minimum number of tickets that can be purchased in a single booking (null = 0).

Example: 0

**maxUnits**integer | nullRequired

The maximum number of tickets that can be purchased in a single booking (null = unlimited).

Example: 10

**units**object[]Required

The list of ticket types (units) available for sale.

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**cancellable**booleanRequired

A boolean field indicating whether this booking can be cancelled.

**cancellation**null | objectRequired

An object with information about why and when the booking was cancelled. This is NULL if the booking is not cancelled.

Hide properties

**refund**stringRequired

Whether the booking was refunded as part of the cancellation. Possible values are FULL, PARTIAL or NONE

**reason**null | stringRequired

A text value describing why the cancellation happened.

**utcCancelledAt**stringRequired

An ISO8601 date time in UTC indicating when the booking was cancelled.

Example: 2021-10-27T23:38:43Z

**freesale**booleanRequired

Whether the booking was made as freesale (without checking availability first).

**availabilityId**stringRequired

The availability id that was used in the request.

**availability**objectRequired

The availability object that was booked.

Hide properties

**id**stringRequired

The availability id that was used in the request.

Example: 2021-10-27T00:00:00-04:00

**localDateTimeStart**stringRequired

The localDateTimeStart value from the original availability object.

Example: 2021-10-27T00:00:00-04:00

**localDateTimeEnd**stringRequired

The localDateTimeEnd value from the original availability object.

Example: 2021-10-28T00:00:00-04:00

**allDay**booleanRequired

A boolean value indicating whether the availability is all day.

**openingHours**object[]Required

The opening hours from the original availability object.

Hide properties

**from**stringRequired

When this product opens (HH:MM)

Example: 08:00

**to**stringRequired

When this product closes (HH:MM)

Example: 16:00

**contact**objectRequired

Contact details for the guests that will attend the tour/attraction. Contact schema can be applied to both the booking object (the main reservation) or the unit object (individual ticket holders - if the supplier requires this information)

Example: {"fullName":"John Doe","firstName":"John","lastName":"Doe","emailAddress":"johndoe@email.com","phoneNumber":null,"locales":["en"],"postalCode":null,"country":null,"notes":null}

Hide properties

**fullName**null | stringOptional

The full name of the booking holder or the ticket holder. Can also be retrieved as an alias for the concatenation of firstName and lastName

Example: John Doe

**firstName**null | stringOptional

The first name of the booking holder or the ticket holder.

Example: John

**lastName**null | stringOptional

The last name of the booking holder or the ticket holder.

Example: Doe

**emailAddress**null | stringOptional

The email address of the booking holder or the ticket holder.

Example: johndoe@email.com

**phoneNumber**null | stringOptional

The phone number of the booking holder or the ticket holder.

**locales**string[]Optional

An array of locale values, equivalent to navigator.languages in a browsers environment.

Example: en

**postalCode**null | stringOptional

The PO Box of the booking holder or the ticket holder.

**country**null | stringOptional

The country of the booking holder or the ticket holder.

**notes**null | stringOptional

Optional notes for the booking.

**notes**string | nullRequiredExample: Optional notes for the booking

**deliveryMethods**string · enum[]Required

An array of delivery methods available for this booking.

Hide properties

**items**string · enumOptional

An array of delivery methods available for this booking. Possible values are: VOUCHER The voucher object is populated which is a single ticket for the whole booking. TICKET The ticket object is populated on each unit item which is a ticket for each individual person. If booking.deliveryMethods contains both TICKET and VOUCHER then both those values will be set.

Example: VOUCHERPossible values: VOUCHERTICKET

**voucher**one ofOptional

objectOptionalExample: {"redemptionMethod":"DIGITAL","utcRedeemedAt":null,"deliveryOptions":[{"deliveryFormat":"QRCODE","deliveryValue":"string"}]}

Hide properties

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**deliveryOptions**object[]Required

Hide properties

**deliveryFormat**string · enumRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryValue**stringRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

or

nullOptional

**unitItems**object[]Required

An array of unit items that will be included in the booking.

Hide properties

**uuid**stringRequired

The id of the unit, this will be unique to the option.

Example: 3b1bc2ee-3155-4738-9471-f49842a07327

**resellerReference**string | nullRequired

A reference the reseller uses to identify the unit within all bookings.

Example: 4ec08a62-892c-48c1-a608-dc946531a33b

**supplierReference**string | nullRequired

A reference the supplier uses to identify the unit within all bookings.

Example: K9T7R5

**unitId**stringRequiredExample: youth\_f6446706-885a-437c-8461-efd6d7080910

**unit**objectRequiredExample: {"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**status**string · enumRequired

The status of the booking, possible values are: ON\_HOLD The booking is pending confirmation, this is the default value when you first create the booking. EXPIRED If the booking is not confirmed before the expiration hold expires, it goes into an expired state. CONFIRMED Once the confirmation call is made the booking is ready to be used. CANCELLED If the booking is cancelled. PENDING If the booking is pending outside availability confirmation. REDEEMED If the booking is already redeemed.

Example: CONFIRMEDPossible values: ON\_HOLDCONFIRMEDEXPIREDCANCELLEDREDEEMEDPENDINGREJECTED

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**contact**objectRequired

Contact details for the guests that will attend the tour/attraction. Contact schema can be applied to both the booking object (the main reservation) or the unit object (individual ticket holders - if the supplier requires this information)

Example: {"fullName":"John Doe","firstName":"John","lastName":"Doe","emailAddress":"johndoe@email.com","phoneNumber":null,"locales":["en"],"postalCode":null,"country":null,"notes":null}

Hide properties

**fullName**null | stringOptional

The full name of the booking holder or the ticket holder. Can also be retrieved as an alias for the concatenation of firstName and lastName

Example: John Doe

**firstName**null | stringOptional

The first name of the booking holder or the ticket holder.

Example: John

**lastName**null | stringOptional

The last name of the booking holder or the ticket holder.

Example: Doe

**emailAddress**null | stringOptional

The email address of the booking holder or the ticket holder.

Example: johndoe@email.com

**phoneNumber**null | stringOptional

The phone number of the booking holder or the ticket holder.

**locales**string[]Optional

An array of locale values, equivalent to navigator.languages in a browsers environment.

Example: en

**postalCode**null | stringOptional

The PO Box of the booking holder or the ticket holder.

**country**null | stringOptional

The country of the booking holder or the ticket holder.

**notes**null | stringOptional

Optional notes for the booking.

**ticket**one ofOptional

objectOptionalExample: {"redemptionMethod":"DIGITAL","utcRedeemedAt":null,"deliveryOptions":[{"deliveryFormat":"QRCODE","deliveryValue":"string"}]}

Hide properties

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**deliveryOptions**object[]Required

Hide properties

**deliveryFormat**string · enumRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryValue**stringRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

or

null

**400**

Example response

application/json

**Response**object

Hide properties

**id**stringOptional

json mẫu:   
200:  
{

"id": "602a9fdf-5c79-4984-9474-7e14da9b6027",

"uuid": "a88b4b8d-9c3b-4a09-ba27-323b43af57e4",

"testMode": true,

"resellerReference": null,

"supplierReference": "XOPSUT",

"status": "ON\_HOLD",

"utcCreatedAt": "2022-05-25T10:34:22Z",

"utcUpdatedAt": "2022-05-25T10:34:22Z",

"utcExpiresAt": "2022-05-25T11:04:22Z",

"utcRedeemedAt": null,

"utcConfirmedAt": null,

"productId": "1",

"product": {

"id": "1",

"internalName": "PPU | OH",

"reference": null,

"locale": "en",

"timeZone": "Europe/London",

"allowFreesale": false,

"instantConfirmation": true,

"instantDelivery": true,

"availabilityRequired": true,

"availabilityType": "OPENING\_HOURS",

"deliveryFormats": [

"PDF\_URL",

"QRCODE"

],

"deliveryMethods": [

"TICKET",

"VOUCHER"

],

"redemptionMethod": "DIGITAL",

"options": [

{

"id": "DEFAULT",

"default": true,

"internalName": "DEFAULT",

"reference": null,

"availabilityLocalStartTimes": [

"00:00"

],

"cancellationCutoff": "0 hours",

"cancellationCutoffAmount": 0,

"cancellationCutoffUnit": "hour",

"requiredContactFields": [],

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

}

]

}

]

},

"optionId": "DEFAULT",

"option": {

"id": "DEFAULT",

"default": true,

"internalName": "DEFAULT",

"reference": null,

"availabilityLocalStartTimes": [

"00:00"

],

"cancellationCutoff": "0 hours",

"cancellationCutoffAmount": 0,

"cancellationCutoffUnit": "hour",

"requiredContactFields": [],

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

}

]

},

"cancellable": true,

"cancellation": null,

"freesale": false,

"availabilityId": "2022-04-30T00:00:00+01:00",

"availability": {

"id": "2022-04-30T00:00:00+01:00",

"localDateTimeStart": "2022-04-30T00:00:00+01:00",

"localDateTimeEnd": "2022-05-01T00:00:00+01:00",

"allDay": true,

"openingHours": [

{

"from": "09:00",

"to": "17:00"

}

]

},

"contact": {

"fullName": null,

"firstName": null,

"lastName": null,

"emailAddress": null,

"phoneNumber": null,

"locales": [],

"country": null,

"notes": null

},

"notes": null,

"deliveryMethods": [

"TICKET",

"VOUCHER"

],

"voucher": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": []

},

"unitItems": [

{

"uuid": "6cbd2582-1345-4d8d-8223-ad004beebc1a",

"resellerReference": null,

"supplierReference": "CBIYWQ",

"unit": {

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

},

"unitId": "adult",

"status": "ON\_HOLD",

"utcRedeemedAt": null,

"contact": {

"fullName": null,

"firstName": null,

"lastName": null,

"emailAddress": null,

"phoneNumber": null,

"locales": [],

"country": null,

"notes": null

},

"ticket": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": []

}

}

]

}  
400:  
{

"error": "INVALID\_PRODUCT\_ID",

"errorMessage": "The productId was missing or invalid",

"productId": "cc2a6d56-6efe-426f-99c9-6eb10e341565"

}  


**Booking Confirmation**

**Booking Confirmation**

**post**

https://api.example.com/octo/bookings/{uuid}/confirm

This endpoint confirms the booking so it's ready to be used.

Authorizations

**Authorization**stringRequired

Bearer authentication header of the form Bearer <token>.

Path parameters

**uuid**stringRequired

The UUID of the booking

Header parameters

**Content-Type**string · enumOptional

Required field on all POST requests

Possible values: application/json

Body

**emailReceipt**booleanOptional

Whether you want OCTO Cloud to email the guest a copy of their receipt and tickets. (defaults to false)

**resellerReference**stringOptional

Your reference for this booking. Also known as a Voucher Number.

Example: 4ec08a62-892c-48c1-a608-dc946531a33b

**contact**objectRequired

Contact details for the main guest who will attend the tour/attraction. Contact schema can be applied to both the booking object (the main reservation) or the unit object (individual ticket holders - if the supplier requires this information).

Hide properties

**fullName**stringOptional

The full name of the booking holder. Can also be retrieved as an alias for the concatenation of firstName and lastName.

Example: John Doe

**firstName**stringOptional

The first name of the booking holder.

Example: John

**lastName**stringOptional

The last name of the booking holder.

Example: Doe

**emailAddress**string · emailOptional

The email address of the booking holder.

Example: johndoe@email.com

**phoneNumber**stringOptional

The phone number of the booking holder.

**locales**string[]Optional

An array of locale values, equivalent to navigator.languages in a browsers environment.

Example: ["en"]

**postalCode**stringOptional

The PO Box of the booking holder.

**country**stringOptional

The country of the booking holder.

**notes**stringOptional

Optional notes for the booking holder.

**unitItems**object[]Optional

An array of unit items that will be included in the booking. This allows you to provide contact details or a reseller reference for each unit item. Be careful to make sure you include ALL unit items that you also had in the original booking reservation request, if you provide more or less than in the booking reservation call this will change the number of unit items being purchased also.

Hide properties

**uuid**stringOptional

A unique UUID to identify the unit, same as the booking uuid except per unit.

**unitId**stringRequired

The unit item unit ID.

**resellerReference**stringOptional

A reference the reseller uses to identify the unit within all bookings.

**contact**objectOptional

Contact details for the main guest who will attend the tour/attraction. Contact schema can be applied to both the booking object (the main reservation) or the unit object (individual ticket holders - if the supplier requires this information).

Hide properties

**fullName**stringOptional

The full name of the ticket holder. Can also be retrieved as an alias for the concatenation of firstName and lastName.

Example: John Doe

**firstName**stringOptional

The first name of the ticket holder.

Example: John

**lastName**stringOptional

The last name of the ticket holder.

Example: Doe

**emailAddress**stringOptional

The email address of the ticket holder.

Example: johndoe@gmail.com

**phoneNumber**stringOptional

The phone number of the ticket holder.

**locales**string[]Optional

An array of locale values, equivalent to navigator.languages in a browsers environment.

Example: ["en"]

**postalCode**stringOptional

The PO Box of the ticket holder.

**country**stringOptional

The country of the ticket holder.

**notes**stringOptional

Optional notes for the ticket holder.

Respone :  
Responses

**200**

OK

application/json

**Response**object

Hide properties

**id**stringRequired

A unique ID / UUID generated by the supplier system to identify the booking.

Example: bbbb6227-54fc-4c32-9ed7-dc3eb99966ea

**uuid**string · uuidRequired

A UUID you can set when generating the booking to use as an idempotency key.

Example: 559aed3d-6d5b-4fe0-bfca-99f5e7218a56

**testMode**booleanRequired

If TRUE, booking was created on test mode

**resellerReference**string | nullRequired

The reference set by the Reseller. A mandatory field for resellers to be set in the booking confirmation request.

**supplierReference**string | nullRequired

The Supplier's / booking platform reference.

**status**string · enumRequired

The status of the booking, possible values are: ON\_HOLD The booking is pending confirmation, this is the default value when you first create the booking. EXPIRED If the booking is not confirmed before the expiration hold expires, it goes into an expired state. CONFIRMED Once the confirmation call is made the booking is ready to be used. CANCELLED If the booking is cancelled. PENDING If the booking is pending outside availability confirmation. REDEEMED If the booking is already redeemed.

Example: CONFIRMEDPossible values: ON\_HOLDCONFIRMEDEXPIREDCANCELLEDREDEEMEDPENDINGREJECTED

**utcCreatedAt**stringRequired

An ISO8601 date time in UTC when the booking was created.

Example: 2021-10-27T23:28:43Z

**utcUpdatedAt**string | nullRequired

An ISO8601 date time in UTC when the booking was updated.

Example: 2021-10-27T23:28:43Z

**utcExpiresAt**string | nullRequired

An ISO8601 date times in UTC for when this booking is due to expire if the status is ON\_HOLD.

Example: 2021-10-27T23:58:43Z

**utcRedeemedAt**string | nullRequired

An ISO8601 date time in UTC at when the booking was redeemed.

**utcConfirmedAt**string | nullRequired

An ISO8601 date time in UTC when the booking was confirmed.

Example: 2021-10-27T23:28:43Z

**productId**stringRequired

The product ID that identifies the product in the booking system to make this reservation.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**product**objectRequired

A bookable product listed by a supplier.

Example: {"id":"6b903d44-dc24-4ca4-ae71-6bde6c4f4854","internalName":"Amazon River Tour","reference":"AMZN","locale":"en-GB","timeZone":"Europe/London","allowFreesale":true,"instantConfirmation":true,"instantDelivery":true,"availabilityRequired":true,"availabilityType":"START\_TIME","deliveryFormats":["QRCODE"],"deliveryMethods":["VOUCHER"],"redemptionMethod":"DIGITAL","options":[{"id":"DEFAULT","default":true,"internalName":"Private Morning Tour","reference":"VIP-MORN","availabilityLocalStartTimes":["09:00"],"cancellationCutoff":"1 hour","cancellationCutoffAmount":1,"cancellationCutoffUnit":"hour","requiredContactFields":["firstName"],"restrictions":{"minUnits":"null","maxUnits":10},"units":[{"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}]}]}

Hide properties

**id**stringRequired

The id used for checking for availability and creating bookings for the product. This MUST be unique within the scope of the Supplier.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**internalName**stringRequired

The name the supplier calls the product.

Example: Amazon River Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: AMZN

**locale**stringRequired

A language code indicating what language this product content is in. This MUST be a valid BCP 47 RFC 5646 RFC 4647 language tag.

Example: en-GB

**timeZone**stringOptional

The IANA TimeZone name this product is located in.

Example: Europe/London

**allowFreesale**booleanRequired

Whether a booking can be made for this product without having to query availability first.

**instantConfirmation**booleanRequired

Whether bookings will be immediately confirmed when a sale is made, otherwise the supplier will later either accept or reject the booking. When instantConfirmation is set to false one should expect created bookings to first get into a PENDING state.

**instantDelivery**booleanRequired

This indicates whether the Reseller can expect immediate delivery of the customer's tickets. If false then the Reseller MUST be able to delay delivery of the tickets to the customer.

**availabilityRequired**booleanRequired

Whether an availabilityId is required when creating a booking. Without this the booking will be open-dated and not have a specified travel date.

**availabilityType**string · enumRequired

What type of availability this product has, possible values are: START\_TIME if there are fixed departure times which you must pick one. Typical for day tours or activities. OPENING\_HOURS if you just select a date and can visit any time when the venue is open.

Example: START\_TIMEPossible values: START\_TIMEOPENING\_HOURS

**deliveryFormats**string · enum[]Required

An array of formats the API will deliver the tickets as. Possible values are: QRCODE A code to be presented as a QR CODE barcode CODE128A code to be presented as a CODE 128 barcode PDF\_URL A URL to a PDF file which contains all the ticket details

Example: QRCODE

Hide properties

**items**string · enumOptional

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryMethods**string · enum[]Required

How the formats described in deliveryFormats will be delivered in the booking response, possible values are: TICKET: Individually per unit in the order (i.e. single ticket for each person) VOUCHER: One ticket for the whole booking

Hide properties

**items**string · enumOptional

An array of delivery methods available for this booking. Possible values are: VOUCHER The voucher object is populated which is a single ticket for the whole booking. TICKET The ticket object is populated on each unit item which is a ticket for each individual person. If booking.deliveryMethods contains both TICKET and VOUCHER then both those values will be set.

Example: VOUCHERPossible values: VOUCHERTICKET

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**options**object[]Required

An array of all options for this product. All products must have at least one option.

Hide properties

**id**stringRequired

The id that identifies this option, it is only unique within the product.

Example: DEFAULT

**default**booleanRequired

TRUE identifies the option as default, and should therefore rendered and selected first

**internalName**stringRequired

The name the supplier calls the option by.

Example: Private Morning Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: VIP-MORN

**availabilityLocalStartTimes**string[]Required

This will be an array of all possible start times that can be returned during availability. For example an all day attraction may have a single value like ["00:00"] whilst a tour with multiple departure times may have multiple:["09:00", "14:00", "17:00"].

Example: 09:00

**cancellationCutoff**stringRequired

This is how long before the tour the booking can be still be cancelled.

Example: 1 hour

**cancellationCutoffAmount**integerRequired

The numeric amount for the cutoff.

Example: 1

**cancellationCutoffUnit**string · enumRequired

Time units used to determine duration. Three values are available: hour, minute, day.

Example: hourPossible values: hourminuteday

**requiredContactFields**string · enum[]Required

An array of the contact fields required to confirm a booking. These just apply to the lead traveller on the booking and not for every ticket.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**objectRequired

An object containing a fixed list of restrictions for booking the option.

Example: {"minUnits":null,"maxUnits":10}

Hide properties

**minUnits**integer | nullRequired

The minimum number of tickets that can be purchased in a single booking (null = 0).

Example: 0

**maxUnits**integer | nullRequired

The maximum number of tickets that can be purchased in a single booking (null = unlimited).

Example: 10

**units**object[]Required

The list of ticket types (units) available for sale.

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**optionId**stringRequired

The product ID that identifies the product option in the booking system to make this reservation.

Example: DEFAULT

**option**objectRequired

Product options are subdivisions of the original product that will affect price and / or duration. Within the OCTo spec, every product must contain an option.

Example: {"id":"DEFAULT","default":true,"internalName":"Private Morning Tour","reference":"VIP-MORN","availabilityLocalStartTimes":["09:00"],"cancellationCutoff":"1 hour","cancellationCutoffAmount":1,"cancellationCutoffUnit":"hour","requiredContactFields":["firstName"],"restrictions":{"minUnits":"null","maxUnits":10},"units":[{"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}]}

Hide properties

**id**stringRequired

The id that identifies this option, it is only unique within the product.

Example: DEFAULT

**default**booleanRequired

TRUE identifies the option as default, and should therefore rendered and selected first

**internalName**stringRequired

The name the supplier calls the option by.

Example: Private Morning Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: VIP-MORN

**availabilityLocalStartTimes**string[]Required

This will be an array of all possible start times that can be returned during availability. For example an all day attraction may have a single value like ["00:00"] whilst a tour with multiple departure times may have multiple:["09:00", "14:00", "17:00"].

Example: 09:00

**cancellationCutoff**stringRequired

This is how long before the tour the booking can be still be cancelled.

Example: 1 hour

**cancellationCutoffAmount**integerRequired

The numeric amount for the cutoff.

Example: 1

**cancellationCutoffUnit**string · enumRequired

Time units used to determine duration. Three values are available: hour, minute, day.

Example: hourPossible values: hourminuteday

**requiredContactFields**string · enum[]Required

An array of the contact fields required to confirm a booking. These just apply to the lead traveller on the booking and not for every ticket.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**objectRequired

An object containing a fixed list of restrictions for booking the option.

Example: {"minUnits":null,"maxUnits":10}

Hide properties

**minUnits**integer | nullRequired

The minimum number of tickets that can be purchased in a single booking (null = 0).

Example: 0

**maxUnits**integer | nullRequired

The maximum number of tickets that can be purchased in a single booking (null = unlimited).

Example: 10

**units**object[]Required

The list of ticket types (units) available for sale.

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**cancellable**booleanRequired

A boolean field indicating whether this booking can be cancelled.

**cancellation**null | objectRequired

An object with information about why and when the booking was cancelled. This is NULL if the booking is not cancelled.

Hide properties

**refund**stringRequired

Whether the booking was refunded as part of the cancellation. Possible values are FULL, PARTIAL or NONE

**reason**null | stringRequired

A text value describing why the cancellation happened.

**utcCancelledAt**stringRequired

An ISO8601 date time in UTC indicating when the booking was cancelled.

Example: 2021-10-27T23:38:43Z

**freesale**booleanRequired

Whether the booking was made as freesale (without checking availability first).

**availabilityId**stringRequired

The availability id that was used in the request.

**availability**objectRequired

The availability object that was booked.

Hide properties

**id**stringRequired

The availability id that was used in the request.

Example: 2021-10-27T00:00:00-04:00

**localDateTimeStart**stringRequired

The localDateTimeStart value from the original availability object.

Example: 2021-10-27T00:00:00-04:00

**localDateTimeEnd**stringRequired

The localDateTimeEnd value from the original availability object.

Example: 2021-10-28T00:00:00-04:00

**allDay**booleanRequired

A boolean value indicating whether the availability is all day.

**openingHours**object[]Required

The opening hours from the original availability object.

Hide properties

**from**stringRequired

When this product opens (HH:MM)

Example: 08:00

**to**stringRequired

When this product closes (HH:MM)

Example: 16:00

**contact**objectRequired

Contact details for the guests that will attend the tour/attraction. Contact schema can be applied to both the booking object (the main reservation) or the unit object (individual ticket holders - if the supplier requires this information)

Example: {"fullName":"John Doe","firstName":"John","lastName":"Doe","emailAddress":"johndoe@email.com","phoneNumber":null,"locales":["en"],"postalCode":null,"country":null,"notes":null}

Hide properties

**fullName**null | stringOptional

The full name of the booking holder or the ticket holder. Can also be retrieved as an alias for the concatenation of firstName and lastName

Example: John Doe

**firstName**null | stringOptional

The first name of the booking holder or the ticket holder.

Example: John

**lastName**null | stringOptional

The last name of the booking holder or the ticket holder.

Example: Doe

**emailAddress**null | stringOptional

The email address of the booking holder or the ticket holder.

Example: johndoe@email.com

**phoneNumber**null | stringOptional

The phone number of the booking holder or the ticket holder.

**locales**string[]Optional

An array of locale values, equivalent to navigator.languages in a browsers environment.

Example: en

**postalCode**null | stringOptional

The PO Box of the booking holder or the ticket holder.

**country**null | stringOptional

The country of the booking holder or the ticket holder.

**notes**null | stringOptional

Optional notes for the booking.

**notes**string | nullRequiredExample: Optional notes for the booking

**deliveryMethods**string · enum[]Required

An array of delivery methods available for this booking.

Hide properties

**items**string · enumOptional

An array of delivery methods available for this booking. Possible values are: VOUCHER The voucher object is populated which is a single ticket for the whole booking. TICKET The ticket object is populated on each unit item which is a ticket for each individual person. If booking.deliveryMethods contains both TICKET and VOUCHER then both those values will be set.

Example: VOUCHERPossible values: VOUCHERTICKET

**voucher**one ofOptional

objectOptionalExample: {"redemptionMethod":"DIGITAL","utcRedeemedAt":null,"deliveryOptions":[{"deliveryFormat":"QRCODE","deliveryValue":"string"}]}

Hide properties

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**deliveryOptions**object[]Required

Hide properties

**deliveryFormat**string · enumRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryValue**stringRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

or

nullOptional

**unitItems**object[]Required

An array of unit items that will be included in the booking.

Hide properties

**uuid**stringRequired

The id of the unit, this will be unique to the option.

Example: 3b1bc2ee-3155-4738-9471-f49842a07327

**resellerReference**string | nullRequired

A reference the reseller uses to identify the unit within all bookings.

Example: 4ec08a62-892c-48c1-a608-dc946531a33b

**supplierReference**string | nullRequired

A reference the supplier uses to identify the unit within all bookings.

Example: K9T7R5

**unitId**stringRequiredExample: youth\_f6446706-885a-437c-8461-efd6d7080910

**unit**objectRequiredExample: {"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**status**string · enumRequired

The status of the booking, possible values are: ON\_HOLD The booking is pending confirmation, this is the default value when you first create the booking. EXPIRED If the booking is not confirmed before the expiration hold expires, it goes into an expired state. CONFIRMED Once the confirmation call is made the booking is ready to be used. CANCELLED If the booking is cancelled. PENDING If the booking is pending outside availability confirmation. REDEEMED If the booking is already redeemed.

Example: CONFIRMEDPossible values: ON\_HOLDCONFIRMEDEXPIREDCANCELLEDREDEEMEDPENDINGREJECTED

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**contact**objectRequired

Contact details for the guests that will attend the tour/attraction. Contact schema can be applied to both the booking object (the main reservation) or the unit object (individual ticket holders - if the supplier requires this information)

Example: {"fullName":"John Doe","firstName":"John","lastName":"Doe","emailAddress":"johndoe@email.com","phoneNumber":null,"locales":["en"],"postalCode":null,"country":null,"notes":null}

Hide properties

**fullName**null | stringOptional

The full name of the booking holder or the ticket holder. Can also be retrieved as an alias for the concatenation of firstName and lastName

Example: John Doe

**firstName**null | stringOptional

The first name of the booking holder or the ticket holder.

Example: John

**lastName**null | stringOptional

The last name of the booking holder or the ticket holder.

Example: Doe

**emailAddress**null | stringOptional

The email address of the booking holder or the ticket holder.

Example: johndoe@email.com

**phoneNumber**null | stringOptional

The phone number of the booking holder or the ticket holder.

**locales**string[]Optional

An array of locale values, equivalent to navigator.languages in a browsers environment.

Example: en

**postalCode**null | stringOptional

The PO Box of the booking holder or the ticket holder.

**country**null | stringOptional

The country of the booking holder or the ticket holder.

**notes**null | stringOptional

Optional notes for the booking.

**ticket**one ofOptional

objectOptionalExample: {"redemptionMethod":"DIGITAL","utcRedeemedAt":null,"deliveryOptions":[{"deliveryFormat":"QRCODE","deliveryValue":"string"}]}

Hide properties

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**deliveryOptions**object[]Required

Hide properties

**deliveryFormat**string · enumRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryValue**stringRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

or

nullOptional

**400**

Example response

application/json

**Response**object

Hide properties

**error**stringRequired

**errorMessage**stringRequired

json mẫu   
200: {

"id": "3ac5450f-8511-4386-9feb-17ce4f9e1f86",

"uuid": "ec0ce0c2-03f0-4c64-bbc5-5e0f7d1e1c0a",

"testMode": true,

"resellerReference": null,

"supplierReference": "ALG6RQ",

"status": "CONFIRMED",

"utcCreatedAt": "2022-05-25T11:03:22Z",

"utcUpdatedAt": "2022-05-25T11:03:31Z",

"utcExpiresAt": null,

"utcRedeemedAt": null,

"utcConfirmedAt": "2022-05-25T11:03:31Z",

"productId": "1",

"product": {

"id": "1",

"internalName": "PPU | OH",

"reference": null,

"locale": "en",

"timeZone": "Europe/London",

"allowFreesale": false,

"instantConfirmation": true,

"instantDelivery": true,

"availabilityRequired": true,

"availabilityType": "OPENING\_HOURS",

"deliveryFormats": [

"PDF\_URL",

"QRCODE"

],

"deliveryMethods": [

"TICKET",

"VOUCHER"

],

"redemptionMethod": "DIGITAL",

"options": [

{

"id": "DEFAULT",

"default": true,

"internalName": "DEFAULT",

"reference": null,

"availabilityLocalStartTimes": [

"00:00"

],

"cancellationCutoff": "0 hours",

"cancellationCutoffAmount": 0,

"cancellationCutoffUnit": "hour",

"requiredContactFields": [],

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

}

]

}

]

},

"optionId": "DEFAULT",

"option": {

"id": "DEFAULT",

"default": true,

"internalName": "DEFAULT",

"reference": null,

"availabilityLocalStartTimes": [

"00:00"

],

"cancellationCutoff": "0 hours",

"cancellationCutoffAmount": 0,

"cancellationCutoffUnit": "hour",

"requiredContactFields": [],

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

}

]

},

"cancellable": true,

"cancellation": null,

"freesale": false,

"availabilityId": "2022-04-30T00:00:00+01:00",

"availability": {

"id": "2022-04-30T00:00:00+01:00",

"localDateTimeStart": "2022-04-30T00:00:00+01:00",

"localDateTimeEnd": "2022-05-01T00:00:00+01:00",

"allDay": true,

"openingHours": [

{

"from": "09:00",

"to": "17:00"

}

]

},

"contact": {

"fullName": "John Doe",

"firstName": "John",

"lastName": "Doe",

"emailAddress": "johndoe@email.com",

"phoneNumber": null,

"locales": [],

"country": null,

"notes": null

},

"notes": null,

"deliveryMethods": [

"TICKET",

"VOUCHER"

],

"voucher": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": [

{

"deliveryFormat": "PDF\_URL",

"deliveryValue": "https://api.octomock.com/octo/pdf?booking=ec0ce0c2-03f0-4c64-bbc5-5e0f7d1e1c0a"

},

{

"deliveryFormat": "QRCODE",

"deliveryValue": "ALG6RQ"

}

]

},

"unitItems": [

{

"uuid": "25ec5429-d563-45f9-ba5b-85b03edbf65e",

"resellerReference": null,

"supplierReference": "EO6Q0P",

"unit": {

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

},

"unitId": "adult",

"status": "ON\_HOLD",

"utcRedeemedAt": null,

"contact": {

"fullName": null,

"firstName": null,

"lastName": null,

"emailAddress": null,

"phoneNumber": null,

"locales": [],

"country": null,

"notes": null

},

"ticket": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": [

{

"deliveryFormat": "PDF\_URL",

"deliveryValue": "https://api.octomock.com/octo/pdf?booking=ec0ce0c2-03f0-4c64-bbc5-5e0f7d1e1c0a&ticket=25ec5429-d563-45f9-ba5b-85b03edbf65e"

},

{

"deliveryFormat": "QRCODE",

"deliveryValue": "EO6Q0P"

}

]

}

}

]

}  
**400**

Example response

Copy

{

"error": "INVALID\_PRODUCT\_ID",

"errorMessage": "The productId was missing or invalid",

"productId": "cc2a6d56-6efe-426f-99c9-6eb10e341565"

}

**400**

Example response

Copy

{

"error": "INVALID\_OPTION\_ID",

"errorMessage": "The optionId was missing or invalid",

"optionId": "681fea0f-196e-45da-bec7-467bfacb1d87"

}

**400**

Example response

Copy

{

"error": "INVALID\_UNIT\_ID",

"errorMessage": "The unitId was missing or invalid",

"unitId": "senior"

}

**400**

Example response

Copy

{

"error": "INVALID\_AVAILABILITY\_ID",

"errorMessage": "The availabilityId was missing or invalid",

"availabilityId": "2022-03-12T00:00:00+00:00"

}

**400**

Example response

Copy

{

"error": "INVALID\_AVAILABILITY\_ID",

"errorMessage": "The availabilityId was missing or invalid",

"availabilityId": "2022-03-12T00:00:00+00:00"

}

**400**

Example response

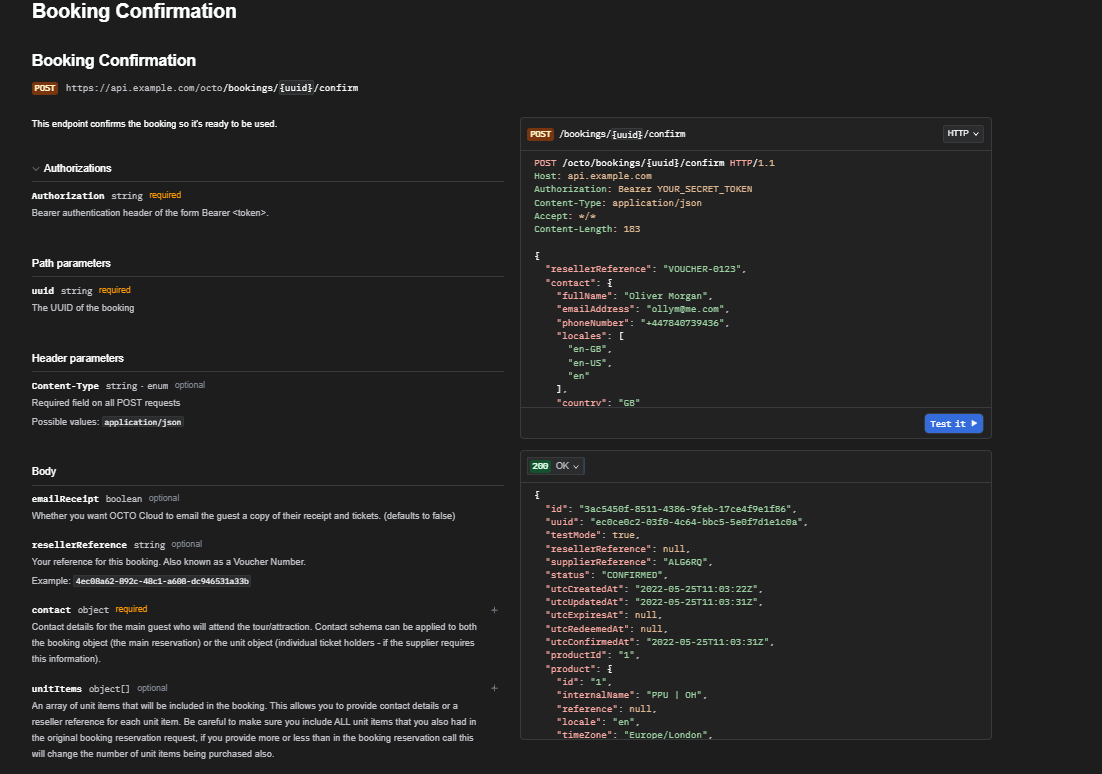
Copy

{

"error": "UNPROCESSABLE\_ENTITY",

"errorMessage": "The request body is technically correct but cannot be processed for other reasons. e.g. you tried to cancel a booking after the cancellation cutoff had elapsed"

}



**Booking Cancellation**

**Booking Cancellation**

**post**

https://api.example.com/octo/bookings/{uuid}/cancel

For cancelling bookings. You can only cancel a booking if booking.cancellable is TRUE, and is within the booking cancellation cut-off window.

Header parameters

**Content-Type**string · enumOptional

Required field on all DELETE requests

Possible values: application/json

Body

**reason**stringOptional

A text value describing why the cancellation happened.

Example: Customer Requested

**force**booleanOptional

Responses

**200**

OK

application/json

**Response**object

Hide properties

**id**stringRequired

A unique ID / UUID generated by the supplier system to identify the booking.

Example: bbbb6227-54fc-4c32-9ed7-dc3eb99966ea

**uuid**string · uuidRequired

A UUID you can set when generating the booking to use as an idempotency key.

Example: 559aed3d-6d5b-4fe0-bfca-99f5e7218a56

**testMode**booleanRequired

If TRUE, booking was created on test mode

**resellerReference**string | nullRequired

The reference set by the Reseller. A mandatory field for resellers to be set in the booking confirmation request.

**supplierReference**string | nullRequired

The Supplier's / booking platform reference.

**status**string · enumRequired

The status of the booking, possible values are: ON\_HOLD The booking is pending confirmation, this is the default value when you first create the booking. EXPIRED If the booking is not confirmed before the expiration hold expires, it goes into an expired state. CONFIRMED Once the confirmation call is made the booking is ready to be used. CANCELLED If the booking is cancelled. PENDING If the booking is pending outside availability confirmation. REDEEMED If the booking is already redeemed.

Example: CONFIRMEDPossible values: ON\_HOLDCONFIRMEDEXPIREDCANCELLEDREDEEMEDPENDINGREJECTED

**utcCreatedAt**stringRequired

An ISO8601 date time in UTC when the booking was created.

Example: 2021-10-27T23:28:43Z

**utcUpdatedAt**string | nullRequired

An ISO8601 date time in UTC when the booking was updated.

Example: 2021-10-27T23:28:43Z

**utcExpiresAt**string | nullRequired

An ISO8601 date times in UTC for when this booking is due to expire if the status is ON\_HOLD.

Example: 2021-10-27T23:58:43Z

**utcRedeemedAt**string | nullRequired

An ISO8601 date time in UTC at when the booking was redeemed.

**utcConfirmedAt**string | nullRequired

An ISO8601 date time in UTC when the booking was confirmed.

Example: 2021-10-27T23:28:43Z

**productId**stringRequired

The product ID that identifies the product in the booking system to make this reservation.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**product**objectRequired

A bookable product listed by a supplier.

Example: {"id":"6b903d44-dc24-4ca4-ae71-6bde6c4f4854","internalName":"Amazon River Tour","reference":"AMZN","locale":"en-GB","timeZone":"Europe/London","allowFreesale":true,"instantConfirmation":true,"instantDelivery":true,"availabilityRequired":true,"availabilityType":"START\_TIME","deliveryFormats":["QRCODE"],"deliveryMethods":["VOUCHER"],"redemptionMethod":"DIGITAL","options":[{"id":"DEFAULT","default":true,"internalName":"Private Morning Tour","reference":"VIP-MORN","availabilityLocalStartTimes":["09:00"],"cancellationCutoff":"1 hour","cancellationCutoffAmount":1,"cancellationCutoffUnit":"hour","requiredContactFields":["firstName"],"restrictions":{"minUnits":"null","maxUnits":10},"units":[{"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}]}]}

Hide properties

**id**stringRequired

The id used for checking for availability and creating bookings for the product. This MUST be unique within the scope of the Supplier.

Example: 6b903d44-dc24-4ca4-ae71-6bde6c4f4854

**internalName**stringRequired

The name the supplier calls the product.

Example: Amazon River Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: AMZN

**locale**stringRequired

A language code indicating what language this product content is in. This MUST be a valid BCP 47 RFC 5646 RFC 4647 language tag.

Example: en-GB

**timeZone**stringOptional

The IANA TimeZone name this product is located in.

Example: Europe/London

**allowFreesale**booleanRequired

Whether a booking can be made for this product without having to query availability first.

**instantConfirmation**booleanRequired

Whether bookings will be immediately confirmed when a sale is made, otherwise the supplier will later either accept or reject the booking. When instantConfirmation is set to false one should expect created bookings to first get into a PENDING state.

**instantDelivery**booleanRequired

This indicates whether the Reseller can expect immediate delivery of the customer's tickets. If false then the Reseller MUST be able to delay delivery of the tickets to the customer.

**availabilityRequired**booleanRequired

Whether an availabilityId is required when creating a booking. Without this the booking will be open-dated and not have a specified travel date.

**availabilityType**string · enumRequired

What type of availability this product has, possible values are: START\_TIME if there are fixed departure times which you must pick one. Typical for day tours or activities. OPENING\_HOURS if you just select a date and can visit any time when the venue is open.

Example: START\_TIMEPossible values: START\_TIMEOPENING\_HOURS

**deliveryFormats**string · enum[]Required

An array of formats the API will deliver the tickets as. Possible values are: QRCODE A code to be presented as a QR CODE barcode CODE128A code to be presented as a CODE 128 barcode PDF\_URL A URL to a PDF file which contains all the ticket details

Example: QRCODE

Hide properties

**items**string · enumOptional

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryMethods**string · enum[]Required

How the formats described in deliveryFormats will be delivered in the booking response, possible values are: TICKET: Individually per unit in the order (i.e. single ticket for each person) VOUCHER: One ticket for the whole booking

Hide properties

**items**string · enumOptional

An array of delivery methods available for this booking. Possible values are: VOUCHER The voucher object is populated which is a single ticket for the whole booking. TICKET The ticket object is populated on each unit item which is a ticket for each individual person. If booking.deliveryMethods contains both TICKET and VOUCHER then both those values will be set.

Example: VOUCHERPossible values: VOUCHERTICKET

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**options**object[]Required

An array of all options for this product. All products must have at least one option.

Hide properties

**id**stringRequired

The id that identifies this option, it is only unique within the product.

Example: DEFAULT

**default**booleanRequired

TRUE identifies the option as default, and should therefore rendered and selected first

**internalName**stringRequired

The name the supplier calls the option by.

Example: Private Morning Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: VIP-MORN

**availabilityLocalStartTimes**string[]Required

This will be an array of all possible start times that can be returned during availability. For example an all day attraction may have a single value like ["00:00"] whilst a tour with multiple departure times may have multiple:["09:00", "14:00", "17:00"].

Example: 09:00

**cancellationCutoff**stringRequired

This is how long before the tour the booking can be still be cancelled.

Example: 1 hour

**cancellationCutoffAmount**integerRequired

The numeric amount for the cutoff.

Example: 1

**cancellationCutoffUnit**string · enumRequired

Time units used to determine duration. Three values are available: hour, minute, day.

Example: hourPossible values: hourminuteday

**requiredContactFields**string · enum[]Required

An array of the contact fields required to confirm a booking. These just apply to the lead traveller on the booking and not for every ticket.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**objectRequired

An object containing a fixed list of restrictions for booking the option.

Example: {"minUnits":null,"maxUnits":10}

Hide properties

**minUnits**integer | nullRequired

The minimum number of tickets that can be purchased in a single booking (null = 0).

Example: 0

**maxUnits**integer | nullRequired

The maximum number of tickets that can be purchased in a single booking (null = unlimited).

Example: 10

**units**object[]Required

The list of ticket types (units) available for sale.

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**optionId**stringRequired

The product ID that identifies the product option in the booking system to make this reservation.

Example: DEFAULT

**option**objectRequired

Product options are subdivisions of the original product that will affect price and / or duration. Within the OCTo spec, every product must contain an option.

Example: {"id":"DEFAULT","default":true,"internalName":"Private Morning Tour","reference":"VIP-MORN","availabilityLocalStartTimes":["09:00"],"cancellationCutoff":"1 hour","cancellationCutoffAmount":1,"cancellationCutoffUnit":"hour","requiredContactFields":["firstName"],"restrictions":{"minUnits":"null","maxUnits":10},"units":[{"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}]}

Hide properties

**id**stringRequired

The id that identifies this option, it is only unique within the product.

Example: DEFAULT

**default**booleanRequired

TRUE identifies the option as default, and should therefore rendered and selected first

**internalName**stringRequired

The name the supplier calls the option by.

Example: Private Morning Tour

**reference**null | stringRequired

An optional code this supplier might use to identify the product.

Example: VIP-MORN

**availabilityLocalStartTimes**string[]Required

This will be an array of all possible start times that can be returned during availability. For example an all day attraction may have a single value like ["00:00"] whilst a tour with multiple departure times may have multiple:["09:00", "14:00", "17:00"].

Example: 09:00

**cancellationCutoff**stringRequired

This is how long before the tour the booking can be still be cancelled.

Example: 1 hour

**cancellationCutoffAmount**integerRequired

The numeric amount for the cutoff.

Example: 1

**cancellationCutoffUnit**string · enumRequired

Time units used to determine duration. Three values are available: hour, minute, day.

Example: hourPossible values: hourminuteday

**requiredContactFields**string · enum[]Required

An array of the contact fields required to confirm a booking. These just apply to the lead traveller on the booking and not for every ticket.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**objectRequired

An object containing a fixed list of restrictions for booking the option.

Example: {"minUnits":null,"maxUnits":10}

Hide properties

**minUnits**integer | nullRequired

The minimum number of tickets that can be purchased in a single booking (null = 0).

Example: 0

**maxUnits**integer | nullRequired

The maximum number of tickets that can be purchased in a single booking (null = unlimited).

Example: 10

**units**object[]Required

The list of ticket types (units) available for sale.

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**cancellable**booleanRequired

A boolean field indicating whether this booking can be cancelled.

**cancellation**null | objectRequired

An object with information about why and when the booking was cancelled. This is NULL if the booking is not cancelled.

Hide properties

**refund**stringRequired

Whether the booking was refunded as part of the cancellation. Possible values are FULL, PARTIAL or NONE

**reason**null | stringRequired

A text value describing why the cancellation happened.

**utcCancelledAt**stringRequired

An ISO8601 date time in UTC indicating when the booking was cancelled.

Example: 2021-10-27T23:38:43Z

**freesale**booleanRequired

Whether the booking was made as freesale (without checking availability first).

**availabilityId**stringRequired

The availability id that was used in the request.

**availability**objectRequired

The availability object that was booked.

Hide properties

**id**stringRequired

The availability id that was used in the request.

Example: 2021-10-27T00:00:00-04:00

**localDateTimeStart**stringRequired

The localDateTimeStart value from the original availability object.

Example: 2021-10-27T00:00:00-04:00

**localDateTimeEnd**stringRequired

The localDateTimeEnd value from the original availability object.

Example: 2021-10-28T00:00:00-04:00

**allDay**booleanRequired

A boolean value indicating whether the availability is all day.

**openingHours**object[]Required

The opening hours from the original availability object.

Hide properties

**from**stringRequired

When this product opens (HH:MM)

Example: 08:00

**to**stringRequired

When this product closes (HH:MM)

Example: 16:00

**contact**objectRequired

Contact details for the guests that will attend the tour/attraction. Contact schema can be applied to both the booking object (the main reservation) or the unit object (individual ticket holders - if the supplier requires this information)

Example: {"fullName":"John Doe","firstName":"John","lastName":"Doe","emailAddress":"johndoe@email.com","phoneNumber":null,"locales":["en"],"postalCode":null,"country":null,"notes":null}

Hide properties

**fullName**null | stringOptional

The full name of the booking holder or the ticket holder. Can also be retrieved as an alias for the concatenation of firstName and lastName

Example: John Doe

**firstName**null | stringOptional

The first name of the booking holder or the ticket holder.

Example: John

**lastName**null | stringOptional

The last name of the booking holder or the ticket holder.

Example: Doe

**emailAddress**null | stringOptional

The email address of the booking holder or the ticket holder.

Example: johndoe@email.com

**phoneNumber**null | stringOptional

The phone number of the booking holder or the ticket holder.

**locales**string[]Optional

An array of locale values, equivalent to navigator.languages in a browsers environment.

Example: en

**postalCode**null | stringOptional

The PO Box of the booking holder or the ticket holder.

**country**null | stringOptional

The country of the booking holder or the ticket holder.

**notes**null | stringOptional

Optional notes for the booking.

**notes**string | nullRequiredExample: Optional notes for the booking

**deliveryMethods**string · enum[]Required

An array of delivery methods available for this booking.

Hide properties

**items**string · enumOptional

An array of delivery methods available for this booking. Possible values are: VOUCHER The voucher object is populated which is a single ticket for the whole booking. TICKET The ticket object is populated on each unit item which is a ticket for each individual person. If booking.deliveryMethods contains both TICKET and VOUCHER then both those values will be set.

Example: VOUCHERPossible values: VOUCHERTICKET

**voucher**one ofOptional

objectOptionalExample: {"redemptionMethod":"DIGITAL","utcRedeemedAt":null,"deliveryOptions":[{"deliveryFormat":"QRCODE","deliveryValue":"string"}]}

Hide properties

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**deliveryOptions**object[]Required

Hide properties

**deliveryFormat**string · enumRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryValue**stringRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

or

nullOptional

**unitItems**object[]Required

An array of unit items that will be included in the booking.

Hide properties

**uuid**stringRequired

The id of the unit, this will be unique to the option.

Example: 3b1bc2ee-3155-4738-9471-f49842a07327

**resellerReference**string | nullRequired

A reference the reseller uses to identify the unit within all bookings.

Example: 4ec08a62-892c-48c1-a608-dc946531a33b

**supplierReference**string | nullRequired

A reference the supplier uses to identify the unit within all bookings.

Example: K9T7R5

**unitId**stringRequiredExample: youth\_f6446706-885a-437c-8461-efd6d7080910

**unit**objectRequiredExample: {"id":"adult\_697e3ce8-1860-4cbf-80ad-95857df1f640","internalName":"Adult(s)","reference":"LR1-01-new","type":"YOUTH","requiredContactFields":["firstName"],"restrictions":{"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}}

Hide properties

**id**stringRequired

This MUST be a unique identifier within the scope of the option.

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**internalName**stringRequired

This should be a name to help with identifying the unit. It should NOT be shown to the customer.

Example: Adult(s)

**reference**null | stringOptional

This is an internal reference identifier that the Supplier wishes to use. It MAY be non-unique.

Example: LR1-01-new

**type**string · enumRequired

This is the base unit type for this unit definition. A value of TRAVELLER MUST only be used in replacement of ADULT, CHILD, INFANT, YOUTH, STUDENT, or SENIOR.

Example: ADULTPossible values: ADULTYOUTHCHILDINFANTFAMILYSENIORSTUDENTMILITARYOTHER

**requiredContactFields**string · enum[]Required

This is the array of the contact information PER ticket that the supplier expects.

Hide properties

**items**string · enumOptionalExample: firstNamePossible values: firstNamelastNameemailAddressphoneNumbercountrynoteslocales

**restrictions**object · UnitRestrictionsRequired

unit restrictions

Example: {"minAge":3,"maxAge":17,"idRequired":true,"minQuantity":2,"maxQuantity":7,"paxCount":1,"accompaniedBy":["adult\_697e3ce8-1860-4cbf-80ad-95857df1f640"]}

Hide properties

**minAge**integerRequired

This is the minumum age this unit can be sold to

Example: 3

**maxAge**integerRequired

This is the maximum age this unit can be sold to

Example: 17

**idRequired**booleanRequired

This is whether a form of identification will be required at redemption point (eg. student card)

**minQuantity**integer | nullRequired

This is if there is a minimum amount of units to be chosen for purchase (eg. 2)

Example: 2

**maxQuantity**null | integerRequired

This is if there is a maximum amount of units to be chosen for purchase (eg. 7)

Example: 7

**paxCount**integerRequired

This is the amount of people each unit counts as (eg. family == 4pax)

Example: 1

**accompaniedBy**string[]Required

This is if the unit needs to be accompanied by another unit (eg. Infant with Adult)

Example: adult\_697e3ce8-1860-4cbf-80ad-95857df1f640

**status**string · enumRequired

The status of the booking, possible values are: ON\_HOLD The booking is pending confirmation, this is the default value when you first create the booking. EXPIRED If the booking is not confirmed before the expiration hold expires, it goes into an expired state. CONFIRMED Once the confirmation call is made the booking is ready to be used. CANCELLED If the booking is cancelled. PENDING If the booking is pending outside availability confirmation. REDEEMED If the booking is already redeemed.

Example: CONFIRMEDPossible values: ON\_HOLDCONFIRMEDEXPIREDCANCELLEDREDEEMEDPENDINGREJECTED

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**contact**objectRequired

Contact details for the guests that will attend the tour/attraction. Contact schema can be applied to both the booking object (the main reservation) or the unit object (individual ticket holders - if the supplier requires this information)

Example: {"fullName":"John Doe","firstName":"John","lastName":"Doe","emailAddress":"johndoe@email.com","phoneNumber":null,"locales":["en"],"postalCode":null,"country":null,"notes":null}

Hide properties

**fullName**null | stringOptional

The full name of the booking holder or the ticket holder. Can also be retrieved as an alias for the concatenation of firstName and lastName

Example: John Doe

**firstName**null | stringOptional

The first name of the booking holder or the ticket holder.

Example: John

**lastName**null | stringOptional

The last name of the booking holder or the ticket holder.

Example: Doe

**emailAddress**null | stringOptional

The email address of the booking holder or the ticket holder.

Example: johndoe@email.com

**phoneNumber**null | stringOptional

The phone number of the booking holder or the ticket holder.

**locales**string[]Optional

An array of locale values, equivalent to navigator.languages in a browsers environment.

Example: en

**postalCode**null | stringOptional

The PO Box of the booking holder or the ticket holder.

**country**null | stringOptional

The country of the booking holder or the ticket holder.

**notes**null | stringOptional

Optional notes for the booking.

**ticket**one ofOptional

objectOptionalExample: {"redemptionMethod":"DIGITAL","utcRedeemedAt":null,"deliveryOptions":[{"deliveryFormat":"QRCODE","deliveryValue":"string"}]}

Hide properties

**redemptionMethod**string · enumRequired

How the voucher can be redeemed. Possible values are: MANIFEST The guest name will be written down and they just need to show up DIGITAL The tickets/voucher must be scanned but can be on mobile PRINT The tickets/voucher must be printed and presented on arrival

Example: DIGITALPossible values: DIGITALPRINTMANIFEST

**utcRedeemedAt**null | stringRequired

The ISO8601 date in UTC indicating when the ticket was used at the attraction.

**deliveryOptions**object[]Required

Hide properties

**deliveryFormat**string · enumRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

Example: QRCODEPossible values: PDF\_URLQRCODE

**deliveryValue**stringRequired

The format for the delivery option possible values are: QRCODE You should generate the QR Code yourself on a ticket. PDF\_URL Where you use the generated tickets as a PDF.

or

nullOptional

**400**

Example response

application/json

**Response**object

Hide properties

**error**stringRequired

**errorMessage**stringRequired

**uuid**stringOptional

json mẫu:  
{

"id": "3ac5450f-8511-4386-9feb-17ce4f9e1f86",

"uuid": "ec0ce0c2-03f0-4c64-bbc5-5e0f7d1e1c0a",

"testMode": true,

"resellerReference": null,

"supplierReference": "ALG6RQ",

"status": "CANCELLED",

"utcCreatedAt": "2022-05-25T11:03:22Z",

"utcUpdatedAt": "2022-05-25T11:06:24Z",

"utcExpiresAt": null,

"utcRedeemedAt": null,

"utcConfirmedAt": null,

"productId": "1",

"product": {

"id": "1",

"internalName": "PPU | OH",

"reference": null,

"locale": "en",

"timeZone": "Europe/London",

"allowFreesale": false,

"instantConfirmation": true,

"instantDelivery": true,

"availabilityRequired": true,

"availabilityType": "OPENING\_HOURS",

"deliveryFormats": [

"PDF\_URL",

"QRCODE"

],

"deliveryMethods": [

"TICKET",

"VOUCHER"

],

"redemptionMethod": "DIGITAL",

"options": [

{

"id": "DEFAULT",

"default": true,

"internalName": "DEFAULT",

"reference": null,

"availabilityLocalStartTimes": [

"00:00"

],

"cancellationCutoff": "0 hours",

"cancellationCutoffAmount": 0,

"cancellationCutoffUnit": "hour",

"requiredContactFields": [],

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

}

]

}

]

},

"optionId": "DEFAULT",

"option": {

"id": "DEFAULT",

"default": true,

"internalName": "DEFAULT",

"reference": null,

"availabilityLocalStartTimes": [

"00:00"

],

"cancellationCutoff": "0 hours",

"cancellationCutoffAmount": 0,

"cancellationCutoffUnit": "hour",

"requiredContactFields": [],

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "adult",

"reference": "adult",

"type": "ADULT",

"requiredContactFields": [],

"restrictions": {

"minAge": 18,

"maxAge": 100,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

}

}

]

},

"cancellable": false,

"cancellation": {

"refund": "FULL",

"reason": "this product sucks ",

"utcCancelledAt": "2022-05-25T11:06:24Z"

},

"freesale": false,

"availabilityId": "2022-04-30T00:00:00+01:00",

"availability": {

"id": "2022-04-30T00:00:00+01:00",

"localDateTimeStart": "2022-04-30T00:00:00+01:00",

"localDateTimeEnd": "2022-05-01T00:00:00+01:00",

"allDay": true,

"openingHours": [

{

"from": "09:00",

"to": "17:00"

}

]

},

"contact": {

"fullName": null,

"firstName": null,

"lastName": null,

"emailAddress": null,

"phoneNumber": null,

"locales": [],

"country": null,

"notes": null

},

"notes": null,

"deliveryMethods": [

"TICKET",

"VOUCHER"

],

"voucher": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": []

},

"unitItems": []

}  
**400**

Example response

Copy

{

"error": "INVALID\_BOOKING\_UUID",

"errorMessage": "The uuid was already used, missing or invalid",

"uuid": "bbbb6227-54fc-4c32-9ed7-dc3eb99966ea"

}

**400**

Example response

Copy

{

"error": "UNPROCESSABLE\_ENTITY",

"errorMessage": "The request body is technically correct but cannot be processed for other reasons. e.g. you tried to cancel a booking after the cancellation cutoff had elapsed"

}

  
  
 **Pricing (Mandatory)**

**📌Pricing (Mandatory)**

Adds pricing fields to various endpoints

To use this capability add octo/pricing to your Octo-Capabilities header. This capability adds pricing to most endpoints giving you advanced static and dynamic pricing capabilities.

**Product Pricing**

**Product Pricing**

GET {host}/products/:id

Returns top-level pricing by unit on each product.

**Path Parameters**

Name

Type

Description

id

string

The product id, leave this out to get every product.

200

Copy

{

"id": "93c335bc-07b9-4f10-84e2-3df8f2daa257",

"internalName": "Mega Pass",

"reference": null,

"locale": "en",

"timeZone": "America/Los\_Angeles",

"allowFreesale": false,

"availabilityRequired": true,

"availabilityType": "OPENING\_HOURS",

"deliveryFormats": [

"PDF\_URL",

"QRCODE"

],

"deliveryMethods": [

"VOUCHER",

"TICKET"

],

"redemptionMethod": "DIGITAL",

"options": [

{

"id": "6963c6a3-5d6a-4f15-924c-be2530589422",

"default": false,

"internalName": "Pick 3",

"reference": null,

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "Adult",

"reference": "adult",

"type": "ADULT",

"restrictions": {

"minAge": 0,

"maxAge": 99,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

},

"pricingFrom": [

{

"original": 7999,

"retail": 7999,

"net": null,

"currency": "USD",

"currencyPrecision": 2

}

]

},

{

"id": "child",

"internalName": "Child",

"reference": "child",

"type": "CHILD",

"restrictions": {

"minAge": 0,

"maxAge": 99,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

},

"pricingFrom": [

{

"original": 5999,

"retail": 5999,

"net": null,

"currency": "USD",

"currencyPrecision": 2

}

]

}

]

},

{

"id": "f39bde2f-2cc0-48c1-b404-af68ce2370ae",

"default": false,

"internalName": "Pick 4",

"reference": null,

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "Adult",

"reference": "adult",

"type": "ADULT",

"restrictions": {

"minAge": 0,

"maxAge": 99,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

},

"pricingFrom": [

{

"original": 9999,

"retail": 9999,

"net": null,

"currency": "USD",

"currencyPrecision": 2

}

]

},

{

"id": "child",

"internalName": "Child",

"reference": "child",

"type": "CHILD",

"restrictions": {

"minAge": 0,

"maxAge": 99,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

},

"pricingFrom": [

{

"original": 7999,

"retail": 7999,

"net": null,

"currency": "USD",

"currencyPrecision": 2

}

]

}

]

},

{

"id": "f996c316-7541-4cb4-a96f-4a6f08cea70a",

"default": false,

"internalName": "Pick 5",

"reference": null,

"restrictions": {

"minUnits": 0,

"maxUnits": null

},

"units": [

{

"id": "adult",

"internalName": "Adult",

"reference": "adult",

"type": "ADULT",

"restrictions": {

"minAge": 0,

"maxAge": 99,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

},

"pricingFrom": [

{

"original": 11499,

"retail": 11499,

"net": null,

"currency": "USD",

"currencyPrecision": 2

}

]

},

{

"id": "child",

"internalName": "Child",

"reference": "child",

"type": "CHILD",

"restrictions": {

"minAge": 0,

"maxAge": 99,

"idRequired": false,

"minQuantity": null,

"maxQuantity": null,

"paxCount": 1,

"accompaniedBy": []

},

"pricingFrom": [

{

"original": 9299,

"retail": 9299,

"net": null,

"currency": "USD",

"currencyPrecision": 2

}

]

}

]

}

],

"defaultCurrency": "USD",

"availableCurrencies": [

"USD"

]

}

On the response, the only changes from the original schema is on the Product object:

Copy

{

// ...rest of Product object

"defaultCurrency": "USD",

"availableCurrencies": ["USD", "EUR", "GBP"],

"pricingPer": "UNIT"

}

The defaultCurrency is the default currency for this product, if you omit the currency parameter on future endpoints this is the value the reservation system will fallback to. availableCurrencies are all the possible currencies that we accept for this product.

pricingPer indicates whether the pricing is per unit (most common), or per booking. Pricing which is per booking is common for private charters or group booking products where the price is the same regardless of how many tickets are purchased.

Next, if pricingPer = "UNIT", on each Unit (adult, child, etc.) we add the following:

Copy

{

// ...rest of the Unit object

"pricingFrom": [

{

"original": 4500,

"retail": 4500,

"net": 3500,

"currency": "USD",

"currencyPrecision": 2,

"includedTaxes": [

{

"name": "VAT 10",

"retail": 800,

"net": 500

}

]

},

{

"original": 4000,

"retail": 4000,

"net": 3000,

"currency": "GBP",

"currencyPrecision": 2,

"includedTaxes": [

{

"name": "VAT 10",

"retail": 700,

"net": 400

}

]

}

// ...etc...

]

}

If pricingPer = "BOOKING" then these fields will be on the Product itself instead of the Unit as the pricing applies once to the booking regardless of how many units (tickets) are purchased.

We'll produce one pricingFrom object for each currency in availableCurrencies . The meaning of each pricing field is given below:

Field

Description

original(required)

The original price for this product which will be the same or higher than the retail amount. Use this to show a discount has been applied e.g. $10 **$8.50** meaning original price $10, retail price $8.50

retail(required)

The selling price Klook will show & charge to customers.

net(required)

The wholesale rate the supplier will charge Klook for this sale.

currency(required)

The currency.

currencyPrecision(required)

All pricing is given in integers to avoid floating point rounding issues. e.g. USD = 2 and JPY = 0. To convert a price to decimal you should do: price / (10 \*\* currencyPrecision) where \*\* is to the power of e.g. Math.pow(10, currencyPrecision).

includedTaxes(optional)

Any taxes included in the retail and/or net price.

Throughout this capability, we'll use a convention where we'll end the object key with From to indicate this is indicative and not the final price. Make sure you communicate this also to the customer.

**Pricing Calendar**

POST {host}/availability/calendar

Returns pricing per day for when you're generating a calendar view.

**Request Body**

Name

Type

Description

currency

string

The currency to use

200

Copy

[

//.. each day

{

"localDate": "2020-07-01",

"status": "AVAILABLE",

"capacity": 24,

"openingHours": []

"unitPricingFrom": [

{

"unitId": "adult",

"original": 4500,

"retail": 4500,

"net": 3500,

"currency": "USD",

"currencyPrecision": 2

},

{

"unitId": "child",

"original": 4200,

"retail": 4200,

"net": 3200,

"currency": "USD",

"currencyPrecision": 2

}

]

}

]

The documentation above only shows the additions this capability adds to the availability calendar endpoint. See the documentation here to see the full request parameters and response object.

Each availability object is given a new unitPricingFrom field with an array of unit prices in the currency for example:

pricingPer = UNIT

Copy

{

"localDate": "2020-07-01",

"status": "AVAILABLE",

"capacity": 24,

"openingHours": []

"unitPricingFrom": [

{

"unitId": "unit\_adult123",

"original": 4500,

"retail": 4500,

"net": 3500,

"currency": "USD",

"currencyPrecision": 2,

"includedTaxes": [

{

"name": "VAT 10",

"retail": 700,

"net": 400

}

]

},

{

"unitId": "unit\_child321",

"original": 4200,

"retail": 4200,

"net": 3200,

"currency": "USD",

"currencyPrecision": 2,

"includedTaxes": [

{

"name": "VAT 10",

"retail": 800,

"net": 500

}

]

}

]

}

If we pass the units to the request then we'll need the total pricing for the selection under the pricingFrom field. which is also included by default if pricingPer = BOOKING as the number of units isn't needed to know what the price of the booking is. For example:

Request

Response (pricingPer = UNIT)

Copy

{

"productId": "1a7213eb-3a33-4cbb-b114-64d771c201ac",

"optionId": "DEFAULT",

"localDateStart": "2020-07-01",

"localDateEnd": "2020-07-02",

"units": [

{

"id": "unit\_adult123",

"quantity": 2

},

{

"id": "unit\_child321",

"quantity": 1

}

]

}

Having the pricingFrom value calculated for you makes it much easier to display a single price on each date on the calendar (assuming the guest has chosen how many units they want before you display the calendar).

If pricingPer = BOOKING then unitPricingFrom will not be provided.

**Pricing Check**

POST {host}/availability

Returns a final quote of the price before making a booking.

**Request Body**

Name

Type

Description

currency

string

The currency to use

200

Copy

[

{

"id": "2020-07-01T11:30:00-05:00",

"localDateTimeStart": "2020-07-01T11:30:00-05:00",

"localDateTimeEnd": "2020-07-01T23:30:00-05:00",

"utcCutoffAt": "2020-07-01T16:30:00Z",

"allDay": false,

"status": "AVAILABLE",

"vacancies": 24,

"capacity": 24,

"maxUnits": 24,

"openingHours": [],

"unitPricing": [

{

"original": 3995,

"retail": 3995,

"net": 2996,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "adult"

},

{

"original": 1995,

"retail": 1995,

"net": 1496,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "child"

}

],

"pricing": {

"original": 9985,

"retail": 9985,

"net": 7488,

"currency": "USD",

"currencyPrecision": 2

}

},

{

"id": "2020-07-01T12:00:00-05:00",

"localDateTimeStart": "2020-07-01T12:00:00-05:00",

"localDateTimeEnd": "2020-07-02T00:00:00-05:00",

"utcCutoffAt": "2020-07-01T17:00:00Z",

"allDay": false,

"status": "AVAILABLE",

"vacancies": 24,

"capacity": 24,

"maxUnits": 24,

"openingHours": [],

"unitPricing": [

{

"original": 3995,

"retail": 3995,

"net": 2996,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "adult"

},

{

"original": 1995,

"retail": 1995,

"net": 1496,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "child"

}

],

"pricing": {

"original": 9985,

"retail": 9985,

"net": 7488,

"currencyPrecision": 2,

"currency": "USD"

}

},

{

"id": "2020-07-01T14:30:00-05:00",

"localDateTimeStart": "2020-07-01T14:30:00-05:00",

"localDateTimeEnd": "2020-07-02T02:30:00-05:00",

"utcCutoffAt": "2020-07-01T19:00:00Z",

"allDay": false,

"status": "AVAILABLE",

"vacancies": 24,

"capacity": 24,

"maxUnits": 24,

"openingHours": [],

"unitPricing": [

{

"original": 3995,

"retail": 3995,

"net": 2996,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "adult"

},

{

"original": 1995,

"retail": 1995,

"net": 1496,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "child"

}

],

"pricing": {

"original": 9985,

"retail": 9985,

"net": 7488,

"currency": "USD",

"currencyPrecision": 2

}

},

{

"id": "2020-07-01T15:00:00-05:00",

"localDateTimeStart": "2020-07-01T15:00:00-05:00",

"localDateTimeEnd": "2020-07-02T03:00:00-05:00",

"utcCutoffAt": "2020-07-01T20:00:00Z",

"allDay": false,

"status": "AVAILABLE",

"vacancies": 24,

"capacity": 24,

"maxUnits": 24,

"openingHours": [],

"unitPricing": [

{

"original": 3995,

"retail": 3995,

"net": 2996,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "adult"

},

{

"original": 1995,

"retail": 1995,

"net": 1496,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "child"

}

],

"pricing": {

"original": 9985,

"retail": 9985,

"net": 7488,

"currency": "USD",

"currencyPrecision": 2

}

},

{

"id": "2020-07-01T10:30:00-05:00",

"localDateTimeStart": "2020-07-01T10:30:00-05:00",

"localDateTimeEnd": "2020-07-01T22:30:00-05:00",

"utcCutoffAt": "2020-07-01T15:30:00Z",

"allDay": false,

"status": "AVAILABLE",

"vacancies": 24,

"capacity": 24,

"maxUnits": 24,

"openingHours": [],

"unitPricing": [

{

"original": 3995,

"retail": 3995,

"net": 2996,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "adult"

},

{

"original": 1995,

"retail": 1995,

"net": 1496,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "child"

}

],

"pricing": {

"original": 9985,

"retail": 9985,

"net": 7488,

"currency": "USD",

"currencyPrecision": 2

}

},

{

"id": "2020-07-01T13:30:00-05:00",

"localDateTimeStart": "2020-07-01T13:30:00-05:00",

"localDateTimeEnd": "2020-07-02T01:30:00-05:00",

"utcCutoffAt": "2020-07-01T15:30:00Z",

"allDay": false,

"status": "AVAILABLE",

"vacancies": 24,

"capacity": 24,

"maxUnits": 24,

"openingHours": [],

"unitPricing": [

{

"original": 3995,

"retail": 3995,

"net": 2996,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "adult"

},

{

"original": 1995,

"retail": 1995,

"net": 1496,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "child"

}

],

"pricing": {

"original": 9985,

"retail": 9985,

"net": 7488,

"currency": "USD",

"currencyPrecision": 2

}

},

{

"id": "2020-07-01T09:30:00-05:00",

"localDateTimeStart": "2020-07-01T09:30:00-05:00",

"localDateTimeEnd": "2020-07-01T21:30:00-05:00",

"utcCutoffAt": "2020-07-01T14:30:00Z",

"allDay": false,

"status": "AVAILABLE",

"vacancies": 24,

"capacity": 24,

"maxUnits": 24,

"openingHours": [],

"unitPricing": [

{

"original": 3995,

"retail": 3995,

"net": 2996,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "adult"

},

{

"original": 1995,

"retail": 1995,

"net": 1496,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "child"

}

],

"pricing": {

"original": 9985,

"retail": 9985,

"net": 7488,

"currency": "USD",

"currencyPrecision": 2

}

},

{

"id": "2020-07-01T12:30:00-05:00",

"localDateTimeStart": "2020-07-01T12:30:00-05:00",

"localDateTimeEnd": "2020-07-02T00:30:00-05:00",

"utcCutoffAt": "2020-07-01T17:30:00Z",

"allDay": false,

"status": "AVAILABLE",

"vacancies": 24,

"capacity": 24,

"maxUnits": 24,

"openingHours": [],

"unitPricing": [

{

"original": 3995,

"retail": 3995,

"net": 2996,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "adult"

},

{

"original": 1995,

"retail": 1995,

"net": 1496,

"currency": "USD",

"currencyPrecision": 2,

"unitId": "child"

}

],

"pricing": {

"original": 9985,

"retail": 9985,

"net": 7488,

"currency": "USD",

"currencyPrecision": 2

}

}

]

This endpoint is the availability check endpoint which has been extended to add pricing. We only document the added parameters here, to see the full documentation for the original availability check you can find it here.

If we were to repeat the request above in the calendar section this is what the response would look like instead:

Request

Response (pricingPer = UNIT)

Copy

{

"productId": "1a7213eb-3a33-4cbb-b114-64d771c201ac",

"optionId": "DEFAULT",

"localDateStart": "2020-07-01",

"localDateEnd": "2020-07-02",

"units": [

{

"id": "unit\_123abcadult",

"quantity": 2

},

{

"id": "unit\_321abcchild",

"quantity": 1

}

]

}

Notice how the response fields are unitPricing and pricing (without the From suffix). That is because this is the final price, and this is what the booking will be once confirmed.

**Booking Reservation**

POST {host}/bookings

The booking reservation call

**Request Body**

Name

Type

Description

currency

string

The currency to use

200

Copy

{

"uuid": "4de58057-e7bd-4ec0-be9b-08eb674098b9",

"testMode": true,

"resellerReference": null,

"supplierReference": "DV2JG2",

"status": "ON\_HOLD",

"utcExpiresAt": "2020-06-08T07:32:24Z",

"utcConfirmedAt": null,

"productId": "8d7519d2-cac2-4daa-8aab-d9f97265e495",

"optionId": "23df0f5c-781a-4bee-9dae-2355bdd792c5",

"cancellable": true,

"cancellation": null,

"freesale": false,

"availability": {

"id": "2020-06-27T00:00:00+02:00",

"localDateTimeStart": "2020-06-27T00:00:00+02:00",

"localDateTimeEnd": "2020-06-28T00:00:00+02:00",

"allDay": true,

"openingHours": []

},

"contact": {

"fullName": null,

"emailAddress": null,

"phoneNumber": null,

"locales": [],

"country": null,

"notes": null

},

"notes": null,

"deliveryMethods": [

"VOUCHER",

"TICKET"

],

"voucher": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": []

},

"unitItems": [

{

"uuid": "4c4a52cd-c0a5-49d9-b1e7-a713564993d4",

"resellerReference": null,

"supplierReference": "VD8KTS",

"unitId": "unit\_321abcchild",

"ticket": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": []

}

},

{

"uuid": "8d4e198d-e337-465c-b17c-e3a55798ee97",

"resellerReference": null,

"supplierReference": "ENV98P",

"unitId": "unit\_123abcadult",

"ticket": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": []

}

},

{

"uuid": "f3183108-32f4-4816-99e6-b04ae40dd433",

"resellerReference": null,

"supplierReference": "43FJJ4",

"unitId": "unit\_123abcadult",

"ticket": {

"redemptionMethod": "DIGITAL",

"utcRedeemedAt": null,

"deliveryOptions": []

}

}

],

"pricing": {

"original": 8800,

"retail": 8800,

"net": 5500,

"currency": "EUR",

"currencyPrecision": 2,

"includedTaxes": [

{

"name": "VAT 10",

"retail": 800,

"net": 500

}

]

}

}

This capability extends the booking schema to add a pricing field which gives you the final price of the booking as well as any included taxes. The final price includes tax, and should be what you display to the guest as the amount they need to pay.

Copy

"pricing": {

"original": 8800,

"retail": 8800,

"net": 5500,

"currency": "EUR",

"currencyPrecision": 2,

"includedTaxes": [ //optional

{

"name": "VAT 10",

"retail": 800,

"net": 500

}

]

}