## ## Introduction

Products are an essential building block for a catalog. In this guide, you’ll learn how to create a product that will cost the same for all users. This is a fairly basic configuration as it does not restrict price, quantity nor involve product visibility or different prices for users. To learn more about complex products/pricing, check out [Create Multiple Price Assignments](https://documentation.ordercloud.io/use-case-guides/product-catalog-management/create-multiple-price-assignments).

## ## Prerequisites

* [Create a Seller Organization](https://documentation.ordercloud.io/guides/getting-started/quick-start-guide#FirstOrg)
* [Create a Buyer Organization](https://documentation.ordercloud.io/use-case-guides/buyer-and-seller-organization-management/create-a-buyer-organization)
* [Create a User in a Buyer Organization](https://documentation.ordercloud.io/use-case-guides/buyer-and-seller-organization-management/create-a-user-in-a-buyer-organization)

## ## 1. Create a Product

When creating your product, be sure to update the property ` "Active": true`. Also note that a `QuantityMultiplier: 1` is required for the product to be counted as one line item. The remaining properties in this request body pertain to more complex configurations.

<div class="api-reference">API reference: [Create New Product](https://documentation.ordercloud.io/api-reference#Products\_Create)</div>

```

POST https://api.ordercloud.io/v1/products HTTP/1.1

Authentication: Bearer put\_access\_token\_here

Content-Type: application/json; charset=UTF-8

{

"ID": "productID",

"Name": "Product Name",

"Description": "",

"QuantityMultiplier": 1,

"Active": true,

}

```

## ## 2. Create a Price Schedule

<div class="api-reference">API reference: [Create New Price Schedule](https://documentation.ordercloud.io/api-reference#PriceSchedules\_Create)</div>

```

POST https://api.ordercloud.io/v1/priceschedules HTTP/1.1

Authentication: Bearer put\_access\_token\_here

Content-Type: application/json; charset=UTF-8

{

"ID": "priceScheduleID",

"Name": "priceScheduleName",

"PriceBreaks": [

{

"Quantity": 1,

"Price": 1.0

}

],

"xp": null

}

```

In OrderCloud.io, price schedules govern how much a product costs <strong>per unit</strong>. Here we set the `Quantity` and `Price` of the `PriceBreaks` to a 1:1 relation, which will make a product cost `$1` per `1` line-item.

## ## 3. Assign a Product to a Price Schedule

Next we need to assign the price schedule to the product. Multiple products can share the same price schedule.:

<div class="api-reference">API reference: [Save Assignment](https://documentation.ordercloud.io/api-reference#Products\_SaveAssignment)</div>

```

POST https://api.ordercloud.io/v1/products/assignments HTTP/1.1

Authentication: Bearer put\_access\_token\_here

Content-Type: application/json; charset=UTF-8

{

"ProductID": "productID",

"PriceScheduleID": "priceScheduleID",

"BuyerID": "buyerID"

}

```

In this request body, we are only assigning on a buyer level by using only the `BuyerID` property. This way all users in this buyer organization may purchase this product at a specific price.

<div class="note">For more information on assignments please refer to [Make An Assignment](https://documentation.ordercloud.io/use-case-guides/product-catalog-management/make-an-assignment) guide.</aside>

## ## Conclusion

You made a product that can be purchased by any user in a buyer organization and should have the building blocks necessary to begin customizing your unique product pricing.