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Subscription Suspension



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In case your customer decided to suspend a subscription, The Connect platform generates a suspend subscription request. Once this request is approved, its corresponding subscription will be automatically suspended by the platform.

The initial status of a suspend fulfillment request is *Pending*. It remains in this state until it is processed via the Connect platform or via your deployed middleware. In case a suspend request is successfully processed, its status is changed to *Approved*. Furthermore, the Connect platform transfers the associated subscription to the *Suspended* state.

Vendors can deploy the Processor to approve pending suspend request and consequently suspend active subscriptions via their systems.

Prerequisites

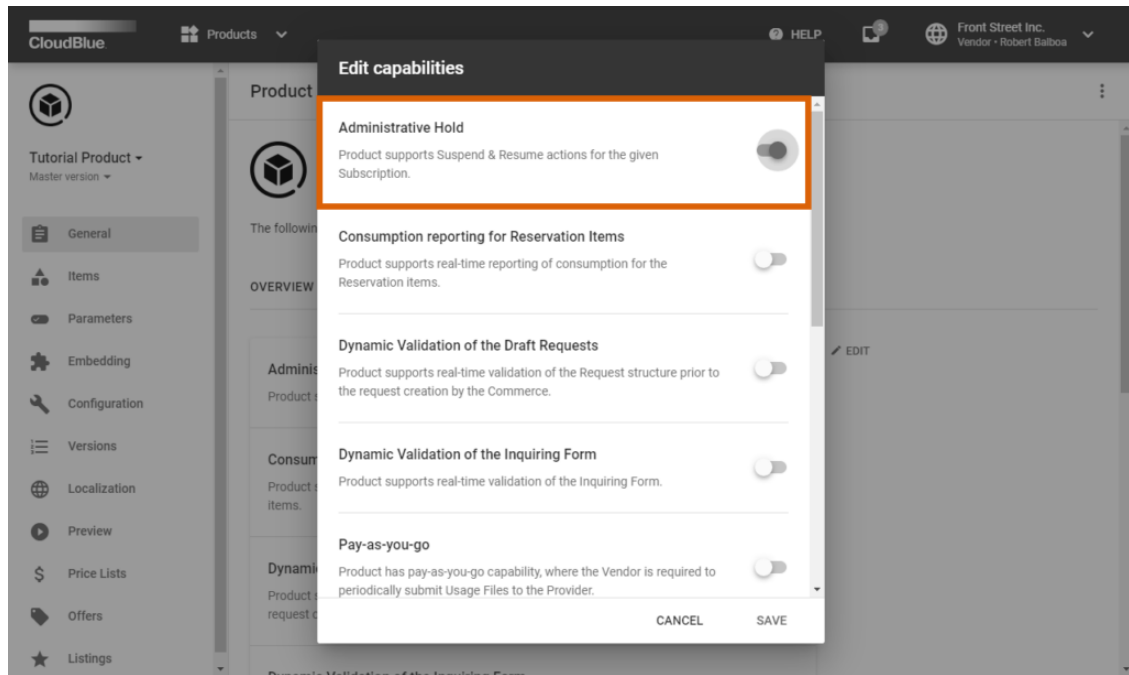
Before following the provided use case, make sure that all of these prerequisites are met:

- Your product is defined on the Connect platform.
- The Administrative Hold capability is enabled.
- An active subscription is required to create a suspend request.
- The Processor SDK Template is successfully deployed.
- Your deployed Processor is properly configured.
- Vendor API configuration is presented.

Creating Suspend Requests

Suspend requests for active subscriptions are created by customers. Vendors can also create a suspend request by accessing an active preview subscription.

Before creating a suspend request, make sure that the **Administrative Hold** capability from your product profile page is enabled.



The following steps showcase how to create a suspend request for your generated preview subscription.

1. Access active subscription details

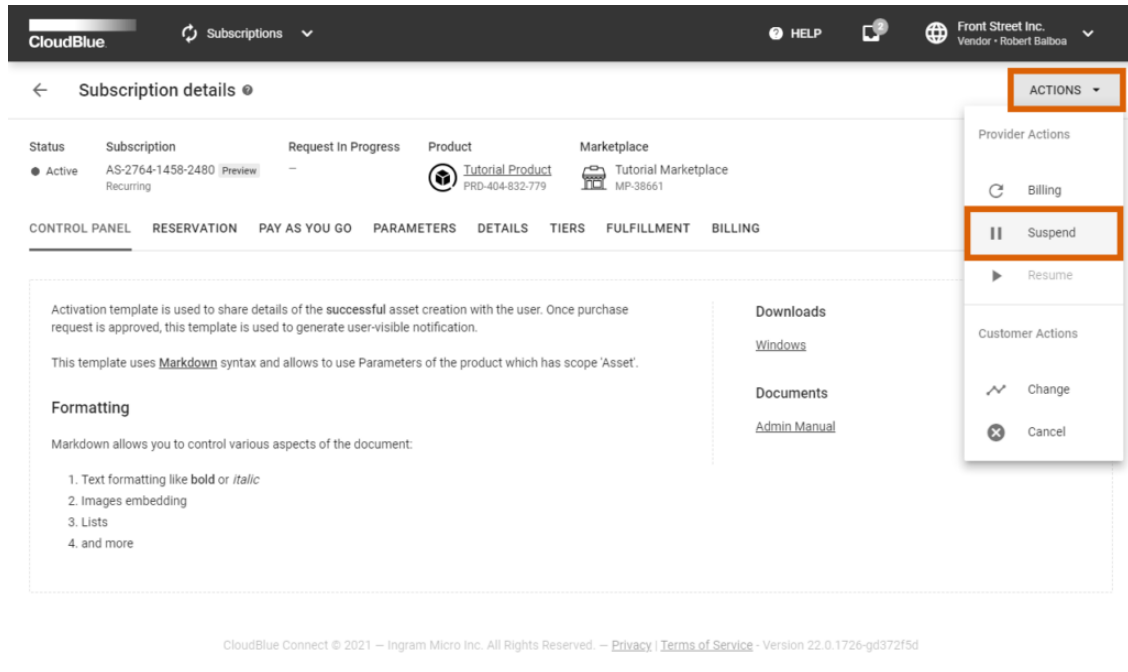
Click on your active preview subscription from the **Subscriptions** module of the Connect platform.

CloudBlue Subscriptions							
Subscriptions							
Custom 3 FILTERS APPLIED 1 SORT APPLIED							
SUBSCRIPTION	PRODUCT	MARKETPLACE	CUSTOMER	PERIOD	NEXT BILLING	CREATED	STATUS
AS:2764-1458-2480 Preview External ID: 86EFMS8RLY	Tutorial Product PRD-404-832-779	Tutorial Marketp... MP-38661	Schumm and Sons TA-5894-2747-5105	1 month	04/12/2021 8:33 AM	02/12/2021 7:11 AM	Active

Your subscriptions are displayed within the **Directory** tab. Make sure that a subscription that you want to suspend is in the **Active** state and it is marked with the **Preview** tag.

2. Launch a Suspend Request Wizard

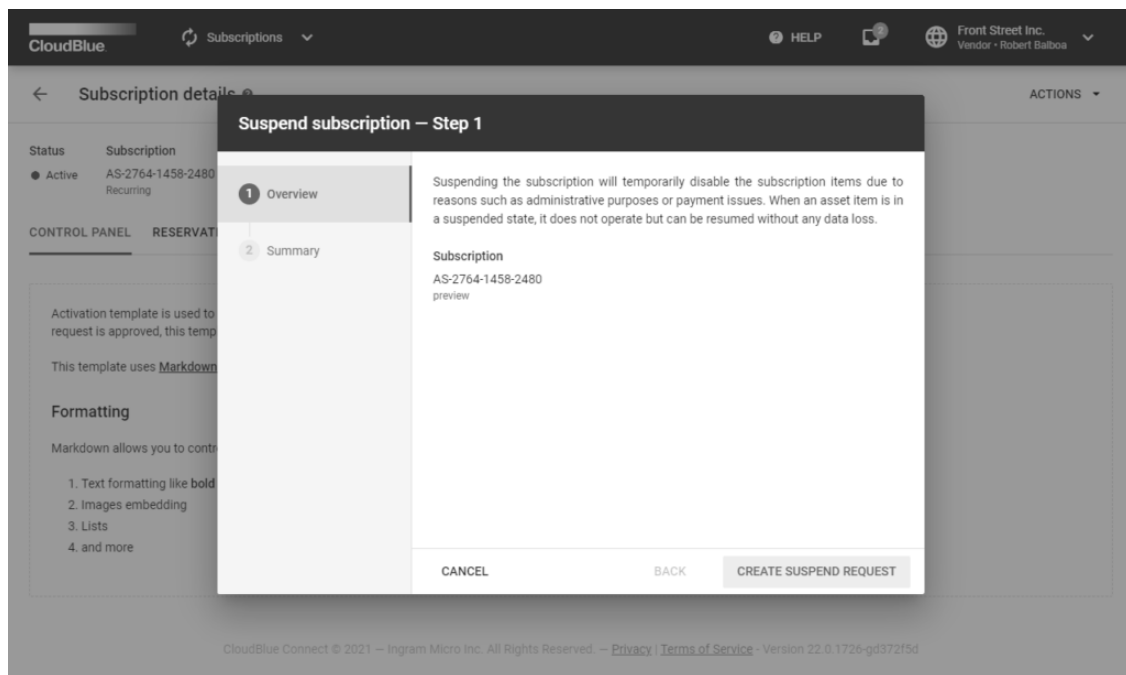
Open the **Actions** menu from the subscription details screen and click the **Cancel** button.



Follow the wizard steps to successfully create a suspend request.

3. Confirm your Change Request creation

Click the **Create Suspend Request** button to confirm your decision.



Therefore, the Connect platform generates a fulfillment request to suspend a subscription.

Code Snippets

Create a script that triggers specific API requests to approve the aforementioned suspend requests. Therefore, subscriptions can be suspended by approving these requests via your configured Processor SDK Template.

```
from connect_processor.app.utils.utils import Utils
from cnct import ConnectClient
from typing import Dict

class Suspend:
    """ This class is used to manage suspend requests.

    @staticmethod
    def process_request(request, client):
        # type: (Dict, ConnectClient) -> Dict
        # This method processes the suspend requests with Pending status

        # Get the ID of the subscription that should be suspended.
        # The Subscription ID can be saved as a fulfillment parameter.
        # This external_subscription_id is used to call the Vendor API and suspend subscriptions
        external_subscription_id = Utils.get_param_value(request, 'fulfillment', 'subscription_id')

        # Add the code to suspend the subscription by calling the Vendor API:
```

```
# api_client = APIClient(api_url='',
#                         api_key='')
# suspend_payload = {}
# api_client.suspend_subscription(suspend_payload, external_subscription_id)

# In case the suspend operation is successful, approve the request with the following code:
return Utils.approve_fulfillment_request(request, client)
# Therefore, the subscription status will be switched to Suspended.
# If the suspend operation is not successful, the request can be rejected by using
# the Utils.reject_fulfillment_request method.
```

Summary

Once a request to suspend a subscription is processed and approved via your deployed middleware, the Connect platform assigns the *Suspended* status to this subscription.

The screenshot displays the CloudBlue Connect user interface. At the top, there's a navigation bar with the CloudBlue logo, a 'Subscriptions' dropdown menu, and links for 'HELP', a notification icon, and a user profile for 'Front Street Inc. Vendor - Robert Bailboa'. Below this, the main header shows a back arrow, 'Subscription details', and an 'ACTIONS' dropdown. The main content area features a table with subscription information. The 'Status' column shows 'Suspended' with a red circle icon, which is highlighted by an orange box. Other columns include 'Subscription' (AS-2764-1458-2480, Recurring), 'Request In Progress' (—), 'Product' (Tutorial Product, PRD-404-632-779), and 'Marketplace' (Tutorial Marketplace, MP-38661). Below the table is a 'CONTROL PANEL' with tabs for RESERVATION, PAY AS YOU GO, PARAMETERS, DETAILS, TIERS, FULFILLMENT, and BILLING. The 'DETAILS' tab is active, showing an 'Activation template' section with instructions on using Markdown syntax. To the right, there are 'Downloads' (Windows) and 'Documents' (Admin Manual) links. At the bottom, a footer contains copyright information: 'CloudBlue Connect © 2021 — Ingram Micro Inc. All Rights Reserved. — Privacy | Terms of Service - Version 22.0.1726-gd372f5d'.