

Issue Report: Missing Interval Details in Schedule API Responses

Introduction

This document outlines issues identified with the Schedule API responses for specific schedule frequencies. Currently, the API is failing to provide interval details for "Hourly" and "Daily" schedules. These details, especially regarding the days of the week, are crucial for configuring and executing tasks accurately. However, the interval details for "Monthly" and "Weekly" schedules are being retrieved successfully.

API

<https://stormtableau.useready.com/api/3.15/schedules/schedule-id>

Schedule Frequency: Daily

The API response for the "Daily" schedule frequency is missing the required interval details, specifically the days of the week. This information is crucial for the proper configuration and execution of daily scheduled tasks.

The screenshot shows a REST client interface with the following details:

- URL:** `https://stormtableau.useready.com/api/3.15/schedules/9f767759-1dc4-49ff-9777-fc766b29de9c`
- Method:** GET
- Headers:**
 - Accept: */*
 - Accept-Encoding: gzip, deflate, br
 - Connection: keep-alive
 - X-Tableau-Auth: AqNxd7OUTk6LiOpCey2xw|st7OQmW3r9RxsHNMZoA...
- Status:** 200 OK, Time: 1063 ms, Size: 1.24 KB
- Response Body (XML):**

```
<?xml version='1.0' encoding='UTF-8'?>
<tsResponse xmlns="http://tableau.com/api" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://tableau.com/api
https://help.tableau.com/samples/en-us/rest_api/ts-api_3_15.xsd">
  <schedule id="9f767759-1dc4-49ff-9777-fc766b29de9c" name="storm-dev" state="Suspended" priority="50" createdAt="2022-12-01T10:39:49Z"
    updatedAt="2024-05-14T16:10:45Z" type="Extract" frequency="Daily" nextRunAt="2024-05-16T16:10:00Z" executionOrder="Parallel">
    <frequencyDetails start="16:10:00"/>
  </schedule>
</tsResponse>
```

The XML response shows a schedule with frequency "Daily". The `<frequencyDetails start="16:10:00"/>` tag is present, but it does not contain the required interval details (days of the week) for a daily schedule.

Interface

All Schedules / storm-dev

Q

Search for views, metrics, workbooks, and more

?

🔔

storm-dev

Schedule

Every Mon, Tue, Thu, Sat, at 4:10 PM (UTC+00:00) UTC

Extract Refreshes

1

Details

Task type

Extract Refresh

Status

Disabled

Default priority

50: Tasks are executed in priority order from 1 to 100

Execution

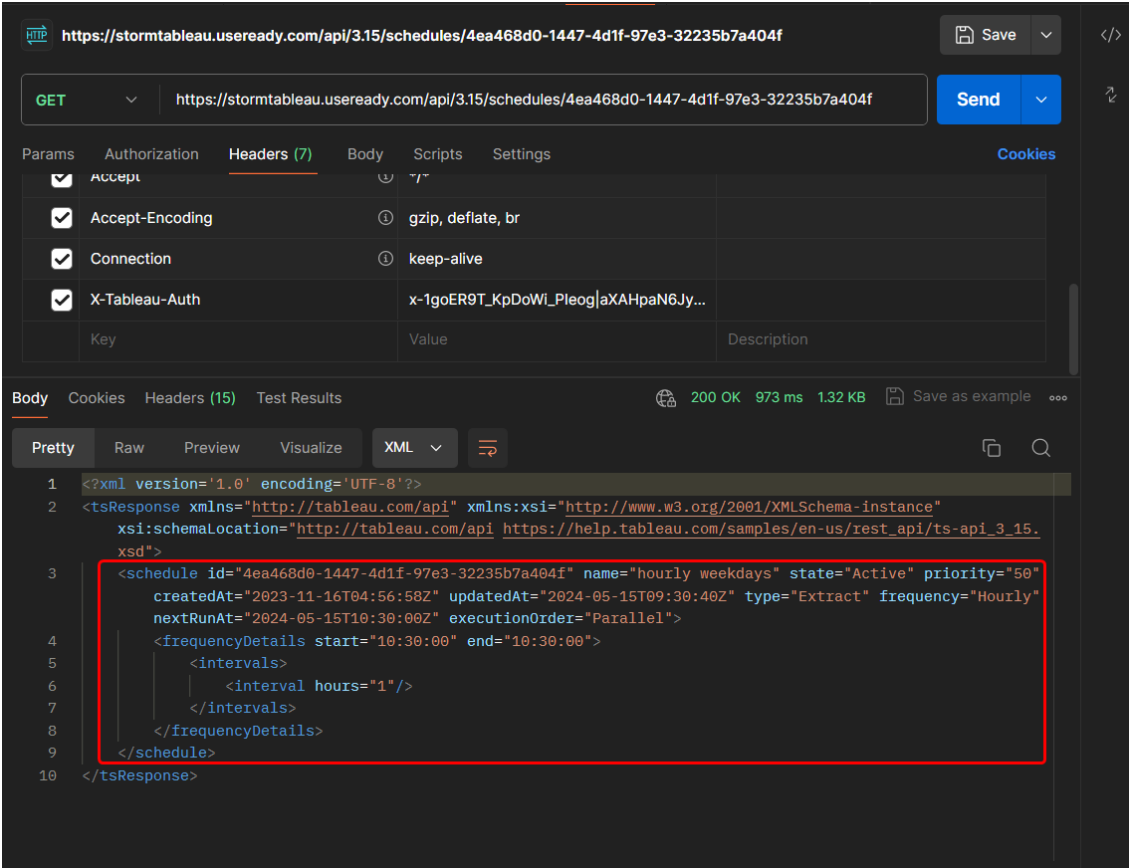
Parallel: Use all available background processes for this schedule

Frequency

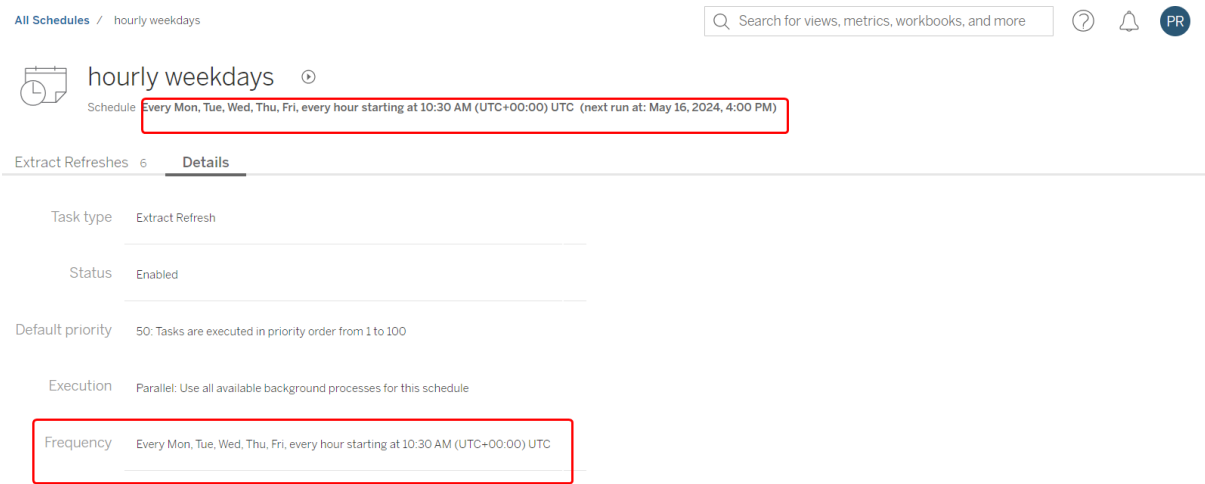
Every Mon, Tue, Thu, Sat, at 4:10 PM (UTC+00:00) UTC

Schedule Frequency: Hourly

The API response for the "Hourly" schedule frequency is missing the required interval details, specifically the days of the week. This information is crucial for the proper configuration and execution of daily scheduled tasks.

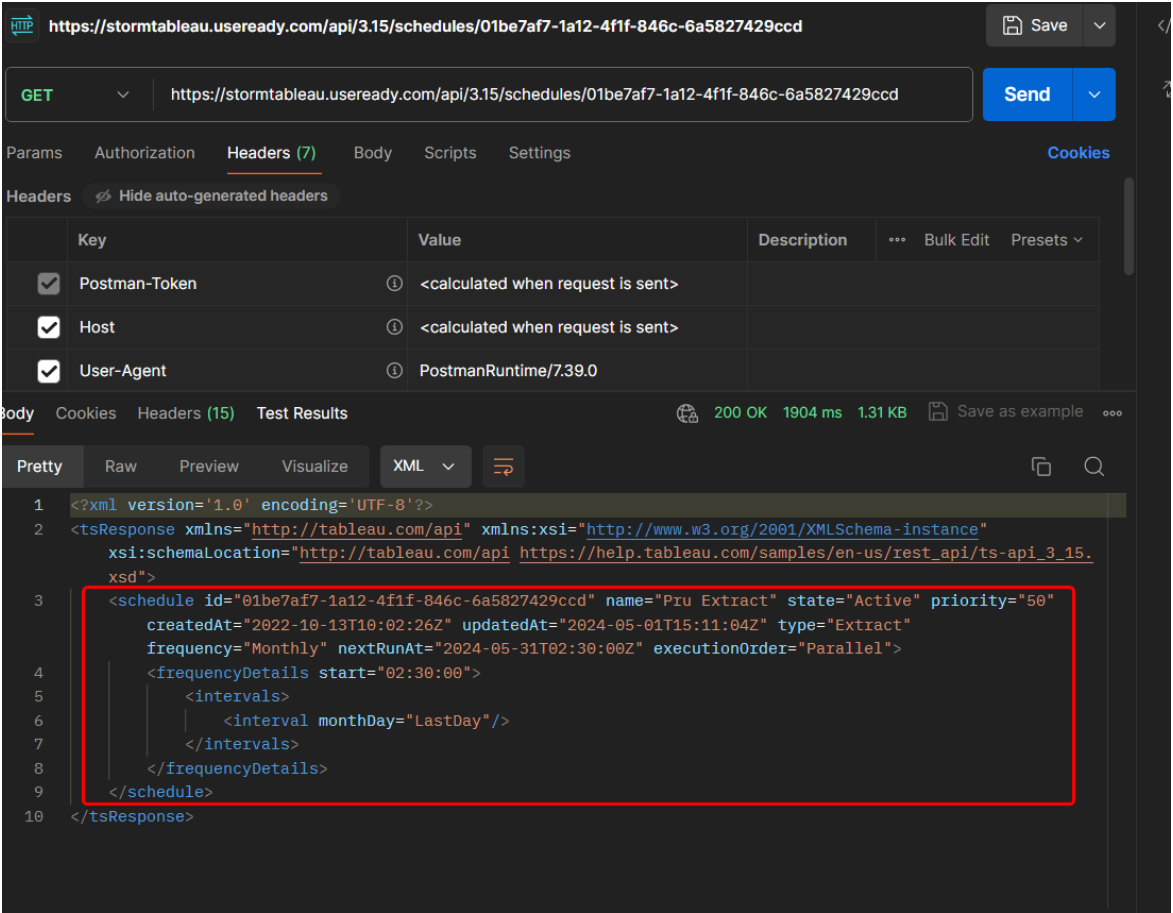


Interface

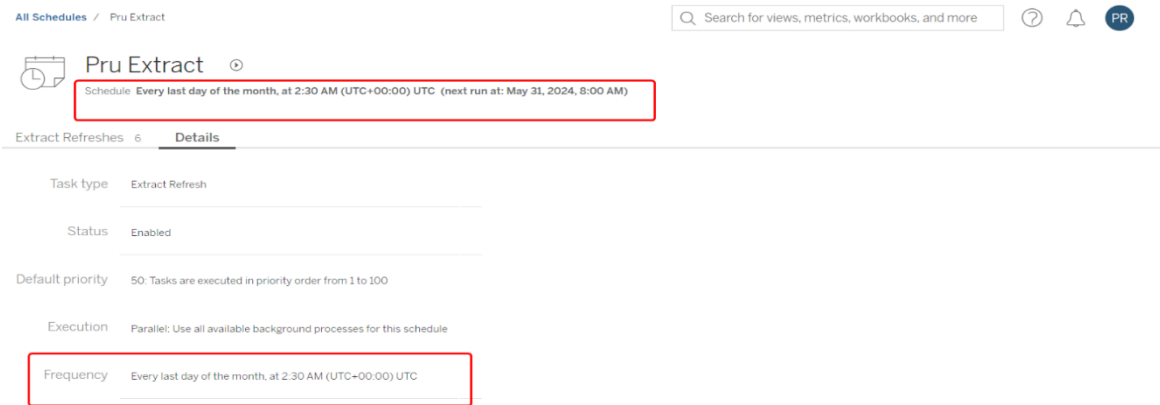


Schedule Frequency: Monthly

The API response for the "Monthly" schedule frequency is getting the required interval details, specifically the days of the week. This information is crucial for the proper configuration and execution of daily scheduled tasks.



Interface



Schedule Frequency: Weekly

The API response for the "Weekly" schedule frequency is getting the required interval details, specifically the days of the week. This information is crucial for the proper configuration and execution of daily scheduled tasks.

The screenshot shows a REST client interface with the following details:

- URL:** `https://stormtableau.useready.com/api/3.15/schedules/3e2c7452-453b-43d1-8a55-ce469eb417e0`
- Method:** GET
- Headers:** Accept, Accept-Encoding (gzip, deflate, br)
- Status:** 200 OK, 1041 ms, 1.43 KB
- Body (XML):**

```
<?xml version='1.0' encoding='UTF-8'>
<tsResponse xmlns="http://tableau.com/ts-api-3.15" xsi:schemaLocation="http://tableau.com/api https://help.tableau.com/samples/en-us/rest_api/ts-api_3.15.xsd">
  <schedule id="3e2c7452-453b-43d1-8a55-ce469eb417e0" name="Weekday early mornings" state="Active"
    priority="50" createdAt="2022-10-13T10:01:44Z" updatedAt="2024-05-16T04:00:35Z" type="Extract"
    frequency="Weekly" nextRunAt="2024-05-17T04:00:00Z" executionOrder="Parallel">
    <frequencyDetails start="04:00:00">
      <intervals>
        <interval weekDay="Monday"/>
        <interval weekDay="Tuesday"/>
        <interval weekDay="Wednesday"/>
        <interval weekDay="Thursday"/>
        <interval weekDay="Friday"/>
      </intervals>
    </frequencyDetails>
  </schedule>
</tsResponse>
```

Interface

The screenshot shows the Tableau interface for a schedule named "Weekday early mornings".

- Search Bar:** Search for views, metrics, workbooks, and more
- Schedule Name:** Weekday early mornings
- Schedule Description:** Schedule Every Mon, Tue, Wed, Thu, Fri, at 4:00 AM (UTC+00:00) UTC (next run at: May 17, 2024, 9:30 AM)
- Task type:** Extract Refresh
- Status:** Enabled
- Default priority:** 50. Tasks are executed in priority order from 1 to 100
- Execution:** Parallel. Use all available background processes for this schedule
- Frequency:** Every Mon, Tue, Wed, Thu, Fri, at 4:00 AM (UTC+00:00) UTC