**Sprout.ai API**

**Penetration Test Report**

**Version: 1.0**

**Date: 09th Sep 2021**

**Cybersecurity & Risk Services (CRS)**

**Wipro Ltd.**

**Test Run Output**

The overall objective of this exercise is to access the Sprout.ai API and fuzzing for YAML file extraction as a part of Pen-testing. The testing was performed from 6th-Sep-2021 till 08-Sep-2021.

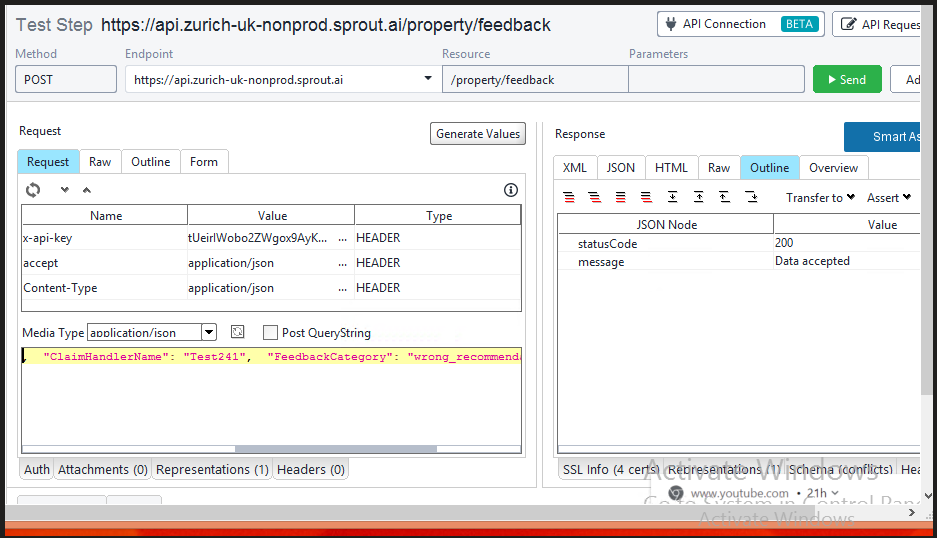
We have done fuzzing against Sprout.ai API with both manual and automated tools-based testing, but not able to extract YMAL file

**Tools Used:**

1. Postman (Open Source)
2. Ready API Pro (Paid-Commercial)

**Scenario 1:**

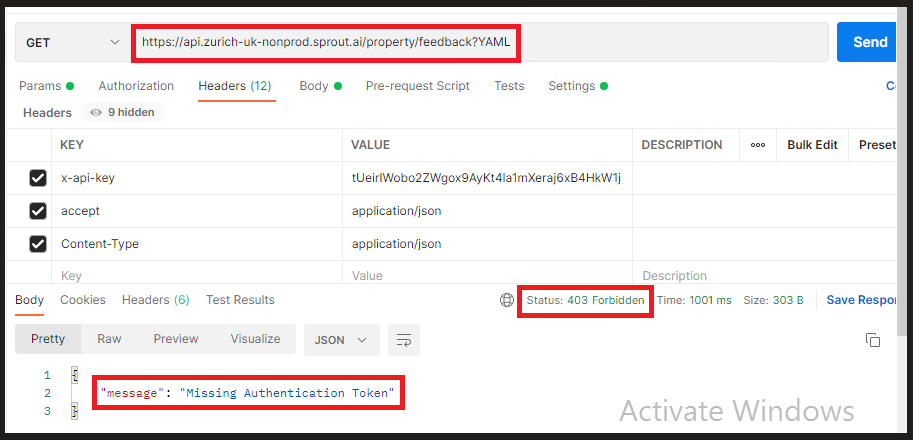
1. We had accessed the sprout.ai API and configured required headers along with authorized tokens in Ready API tool
2. Now when we clicked on send button, it showed us 200 ok code as shown in the snapshot below:



1. We have applied automated fuzzing on below APIs with ReadyApi Pro tool, but we have not able to extract YAML file through this scenario

**Scenario 2:**

1. We have tried to access YAML file by amending **?YAML** in the end of the API URL:
2. https://api.zurich-uk-nonprod.sprout.ai/property/feedback
3. Append above parameters and send request to server with Postman tool
4. We got 403 forbidden as a response as shown in the snapshot below:



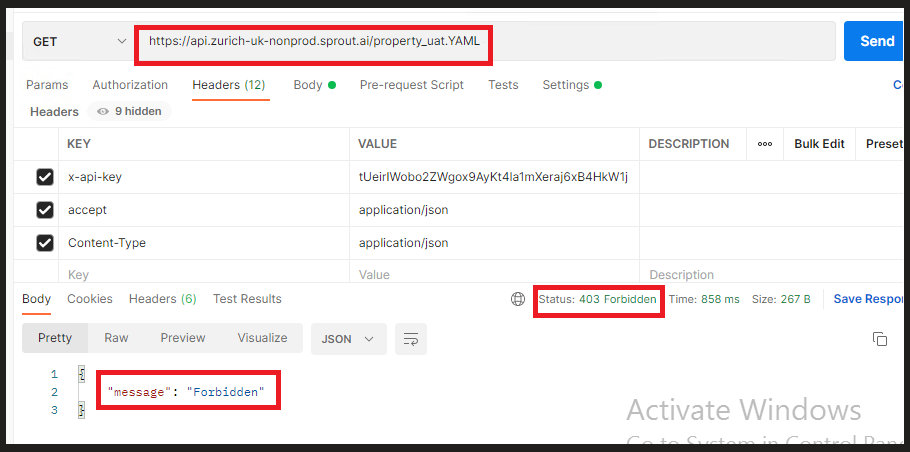
**Scenario 3:**

1. We have tried to access YAML file by amending property\_uat.YAML in the end of the API URL:

A https://api.zurich-uk-nonprod.sprout.ai/property

1. Append above parameters and send request to server with Postman tool
2. We got 403 forbidden as a response as shown in the snapshot below:

**Request and Response:**



**Scenario 4:**

1. We have tried to access YAML file by amending .svc in the end of the API URL:

https://api.zurich-uk-nonprod.sprout.ai/property

1. Append above parameters and send request to server with Postman tool
2. We got 403 forbidden as a response as shown in the snapshot below:

