# Newman Report

Collection
Starlink_query_v1.0
Time
Fri Mar 21 2025 23:01:37 GMT-0400 (Eastern Daylight Time)
Exported with
Newman v6.2.1

**Total**
**Failed**
Iterations
1
0
Requests
5
0
Prerequest Scripts
5
0
Test Scripts
5
0
Assertions
34
9

Total run duration
1193ms
Total data received
4.39MB (approx)
Average response time
92ms

**Total Failures**
**9**

## Requests

## Positive_Test

Starlink Query - Version v1.0

Method
POST
URL

https://api.spacexdata.com/v4/starlink/query (https://api.spacexdata.com/v4/starlink/query)

Mean time per request
145ms

Mean size per request
12.93KB

Total passed tests
6
Total failed tests
0

Status code
200

Tests

| Name | Pass count | Fail count |
|------|-----------|-----------|
| Status code is 200 | 1 | 0 |
| Response time is less than 1000ms | 1 | 0 |
| Response size is less than 500KB | 1 | 0 |
| Content-Type header is application/json | 1 | 0 |
| Response contains a docs array | 1 | 0 |
| All documents have version v1.0 | 1 | 0 |

## Starlink Query - Filter by OBJECT_NAME

Method
POST
URL
https://api.spacexdata.com/v4/starlink/query (https://api.spacexdata.com/v4/starlink/query)

Mean time per request
46ms

Mean size per request
1.44KB

Total passed tests
6
Total failed tests
2

Status code
200

Tests

| Name | Pass count | Fail count |
|------|------------|------------|
| Status code is 200 | 1 | 0 |
| Response time is less than 1000ms | 1 | 0 |
| Response size is less than 500KB | 1 | 0 |
| Content-Type header is application/json | 1 | 0 |
| Response contains a docs array | 1 | 0 |
| Response contains exactly one document | 1 | 0 |
| Document has correct id | 0 | 1 |
| Document has correct version | 0 | 1 |

## Starlink 1010 - Valid ID

Method
GET
URL
https://api.spacexdata.com/v4/starlink/ (https://api.spacexdata.com/v4/starlink/)

Mean time per request
185ms

Mean size per request
4.39MB

Total passed tests
3
Total failed tests
7

Status code
200

Tests

| Name | Pass count | Fail count |
| --- | --- | --- |
| Status code is 200 | 1 | 0 |
| Response time is less than 1000ms | 1 | 0 |
| Response size is less than 500KB | 0 | 1 |
| Content-Type header is application/json | 1 | 0 |
| Returned satellite ID is correct | 0 | 1 |
| Satellite version is 'v1.0' | 0 | 1 |
| Satellite height is correct | 0 | 1 |
| Satellite latitude is correct | 0 | 1 |
| Satellite longitude is correct | 0 | 1 |
| Satellite velocity is correct | 0 | 1 |

# Negative_Test

### Request for Numeric Parameters

Method
POST
URL
https://api.spacexdata.com/v4/starlink (https://api.spacexdata.com/v4/starlink)

Mean time per request
47ms

Mean size per request

28B

Total passed tests
5
Total failed tests
0

Status code
401

Tests

| Name | Pass count | Fail count |
| --- | --- | --- |
| Status code is 401 Unauthorized | 1 | 0 |
| Response time is less than 1000ms | 1 | 0 |
| Response size is less than 500KB | 1 | 0 |
| Content-Type header is text/plain; charset=utf-8 | 1 | 0 |
| Response body returns the expected video link | 1 | 0 |

## Starlink 1010 - Invalid ID

Method
GET
URL
https://api.spacexdata.com/v4/starlink/60a44135b913a10006eea5a7z
(https://api.spacexdata.com/v4/starlink/60a44135b913a10006eea5a7z)

Mean time per request
40ms

Mean size per request
9B

Total passed tests
5
Total failed tests

0

Status code
404

Tests

| Name | Pass count | Fail count |
| --- | --- | --- |
| Status code is 404 for an invalid ID | 1 | 0 |
| Response time is less than 1000ms | 1 | 0 |
| Response size is less than 500KB | 1 | 0 |
| Content-Type header is present | 1 | 0 |
| Error message is 'Not Found' | 1 | 0 |

# Failures

## AssertionError: Document has correct id

Description
expected '5eed7714096e590006985648' to equal ''

Location
assertion:6 in test-script

Request
Starlink Query - Filter by OBJECT_NAME

## AssertionError: Document has correct version

Description
expected 'v1.0' to equal ''

Location
assertion:7 in test-script

Request

Starlink Query - Filter by OBJECT_NAME

## AssertionError: Response size is less than 500KB

Description
expected 4603942 to be below 512000

Location
assertion:2 in test-script

Request
Starlink 1010 - Valid ID

## AssertionError: Returned satellite ID is correct

Description
expected undefined to equal ''

Location
assertion:4 in test-script

Request
Starlink 1010 - Valid ID

## AssertionError: Satellite version is 'v1.0'

Description
expected undefined to equal ''

Location
assertion:5 in test-script

Request
Starlink 1010 - Valid ID

## AssertionError: Satellite height is correct

Description

expected undefined to equal NaN

Location
assertion:6 in test-script

Request
Starlink 1010 - Valid ID

## AssertionError: Satellite latitude is correct

Description
expected undefined to equal NaN

Location
assertion:7 in test-script

Request
Starlink 1010 - Valid ID

## AssertionError: Satellite longitude is correct

Description
expected undefined to equal NaN

Location
assertion:8 in test-script

Request
Starlink 1010 - Valid ID

## AssertionError: Satellite velocity is correct

Description
expected undefined to equal NaN

Location
assertion:9 in test-script

Request
Starlink 1010 - Valid ID