

Newman Report

Collection
Starlink_API
Time
Mon Mar 24 2025 23:48:47 GMT-0500 (Central Daylight Time)
Exported with
Newman v6.2.1

Total
Failed
Iterations
1
0
Requests
5
0
Prerequisite Scripts
5
0
Test Scripts
10
0
Assertions
33
0

Total run duration
2.2s
Total data received
4.39MB (approx)
Average response time
100ms

Total Failures
0

Requests

PositiveTests (file:///C:/Users/sergi/Postman/newman/newman-run-report-2025-03-25-04-48-47-907-0.html#folderData-8b1b0356-44a2-4ff5-acea-42bed14dc146)

Get all Starlink sats (file:///C:/Users/sergi/Postman/newman/newman-run-report-2025-03-25-04-48-47-907-0.html#requestData-dc69d4fb-024f-48c5-b731-48179acd02ea)
Description

Getting all Starlink Sats. Seting all environment varvariables (see scripts)

Method

GET

URL

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

Mean time per request

315ms

Mean size per request

4.39MB

Total passed tests

7

Total failed tests

0

Status code

200

Tests

Name	Pass count	Fail count
Status code is 200	1	0
Each element in the response array has a valid size 7000B	1	0
Response time is less than 600ms	1	0
Content-Type is present and is application/json	1	0
Cache-Control header is set to 'no-cache'	1	0
Strict-Transport-Security header is present and is set to a valid value	1	0
Body contains correct Keys	1	0

Get one Starlink sat (file:///C:/Users/sergi/Postman/newman/newman-run-report-2025-03-25-04-48-47-907-0.html#requestData-8e7e6bc5-a3d0-472c-ac0b-807a9901554f)

Description

Using id of specific Starling

Method

GET

URL

https://api.spacexdata.com/v4/starlink/5eed770f096e590006985611

(https://api.spacexdata.com/v4/starlink/5eed770f096e590006985611)

Mean time per request

42ms

Mean size per request

1.24KB

Total passed tests

8

Total failed tests

0

Status code

200

Tests

Name	Pass count	Fail count
Status code is 200	1	0
Response time is less than 300ms	1	0
Response Size is less than 1300B	1	0
Environment ID matches the ID in the response body	1	0
Verify spaceTrack object name is STARLINK-23	1	0
Body contains correct Keys	1	0
Body contains correct Values	1	0
Header is Correct	1	0

Query for specific version Starlink sats (file:///C:/Users/sergi/Postman/newman/newman-run-report-2025-03-25-04-48-47-907-0.html#requestData-57b4580e-3a42-4eb9-9cda-43627ac65f1d)

Description

selecting only prototype version of Starlink

Method

POST

URL

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

Mean time per request

49ms

Mean size per request

12.93KB

Total passed tests

8

Total failed tests

0

Status code

200

Tests

Name	Pass count	Fail count
Status code is 200	1	0
Response time is less than 250ms	1	0
Response Size is less than 14000B	1	0
Content-Type is present	1	0
All documents have version v1.0	1	0
Header is Correct	1	0
Response body structure is valid	1	0
Schema is valid	1	0

Get all Starlink sat using URL without starlink (file:///C:/Users/sergi/Postman/newman/newman-run-report-2025-03-25-04-48-47-907-0.html#requestData-ab9bfcc0-8554-4cd8-982f-7e4475604162)

Description
Using incomplete URL (missing word "starlink"

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

Mean time per request
45ms

Mean size per request
9B

Total passed tests
6
Total failed tests
0

Status code
404

Tests

Name	Pass count	Fail count
404 Not Found	1	0
Response time is less than 300ms	1	0
Response Size is less than 50B	1	0
Response body 'Not Found'	1	0
Content-Type is present	1	0
Retrieve the response text from the body	1	0

Description
trying to create new Starlink-Maria

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

Mean time per request
49ms

Mean size per request
28B

Total passed tests
4
Total failed tests
0

Status code
401

Tests

Name	Pass count	Fail count
401 Unauthorized	1	0
Response time is less than 200ms	1	0
Response Size is less than 50B	1	0
Response body 'https://youtu.be/RfiQYRn7fBg'	1	0