

Newman Report

Collection
Starlink
Time
Mon Mar 24 2025 17:16:51 GMT-0500 (Central Daylight Time)
Exported with
Newman v6.1.2

Total
Failed
Iterations
1
0
Requests
9
0
Prerequisite Scripts
10
0
Test Scripts
18
0
Assertions
58
0

Total run duration
4.7s
Total data received
4.39MB (approx)
Average response time
159ms

Total Failures
0

Requests

PositiveTests

Get all Starlink sats
<div><div>Description</div><div>Getting all Starlink Sats. Seting all environment varvariables (see scripts)</div><div>Method</div><div>GET</div><div>URL</div><div>https://api.spacexdata.com/v4/starlink (https://api.spacexdata.com/v4/starlink)</div><div>Mean time per request</div></div>

692ms

Mean size per request
4.39MB

Total passed tests
9
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Status code is 200	1	0
Response time is less than 700ms	1	0
Response size is less than 700000B	1	0
Header is Correct	1	0
Body contains correct Keys	1	0
Body contains correct Values	1	0
Verify the 'id' of the first object in the response	1	0
Verify the 'id' of the second object in the response	1	0
Verify the 'id' of the third object in the response	1	0

Get one Starlink sat

Description
Using id of specific Starling

Method
GET
URL
https://api.spacexdata.com/v4/starlink/5eed770f096e59000698560f
(https://api.spacexdata.com/v4/starlink/5eed770f096e59000698560f)

Mean time per request
103ms

Mean size per request
1.24KB

Total passed tests
10
Total failed tests
0

Status code
200

Tests		
Name	Pass count	Fail count
Environment ID matches the ID in the response body	1	0
Object name is STARLINK-29	1	0
Status code is 200	1	0
Response time is less than 300ms	1	0
Response size is less than 1500B	1	0
Header is Correct	1	0
Body contains correct Keys	1	0
Verify the 'id' of the response	1	0
Response body 'version' is equal to v0.9	1	0
Check if the OBJECT_ID is '2019-029J'	1	0

Get a random Starlink sat

Description
Using random id

Method
GET
URL
https://api.spacexdata.com/v4/starlink/6320cd74358d5951a19a8bfe
(https://api.spacexdata.com/v4/starlink/6320cd74358d5951a19a8bfe)

Mean time per request
89ms

Mean size per request
1.27KB

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 300ms	1	0
Response size is less than 1500B	1	0
Header is Correct	1	0
Body contains correct Keys	1	0
Environment ID matches the ID in the response body	1	0

Query for specific version Starlink sats

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
90ms

Mean size per request
12.55KB

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 13000B	1	0
Header is Correct	1	0
Body contains correct Keys	1	0
Verify the 'id' of the first object in the response	1	0
Object name is STARLINK-29	1	0
Check if the OBJECT_ID is '2019-029J'	1	0

NegativeTesta

Get all Starlink sat using URL without starlink

Description

Using incomplete URL (missing word "starlink")

Method

GET

URL

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

Mean time per request

86ms

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	1	0
Response time is less than 300ms	1	0

Name	Pass count	Fail count
Response size is less than 2000B	1	0
Header is Correct	1	0
Body contains correct Values	1	0

Get Starlink with not existing id

Description

Trying get info using non existing id

Method

GET

URL

https://api.spacexdata.com/v4/starlink/6320cd74358d5951a19a8bfez
(https://api.spacexdata.com/v4/starlink/6320cd74358d5951a19a8bfez)

Mean time per request

97ms

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	1	0
Response time is less than 300ms	1	0
Response size is less than 2000B	1	0
Header is Correct	1	0
Body contains correct Values	1	0

Create new Starlink sat

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
93ms

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	1	0
Response time is less than 300ms	1	0
Response size is less than 2000B	1	0
Header is Correct	1	0
Body contains correct Values	1	0

Update Starlink sat

Description
Trying to patch with non existing id

Method
PATCH

URL
https://api.spacexdata.com/v4/starlink/6320cd74358d5951a19a8bfez
(https://api.spacexdata.com/v4/starlink/6320cd74358d5951a19a8bfez)

Mean time per request
89ms

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	1	0
Response time is less than 300ms	1	0
Response size is less than 2000B	1	0
Header is Correct	1	0
Body contains correct Values	1	0

Delete Starlink sat

Description
deleting with non existing id

Method
DELETE
URL
https://api.spacexdata.com/v4/starlink/6320cd74358d5951a19a8bfez
(https://api.spacexdata.com/v4/starlink/6320cd74358d5951a19a8bfez)

Mean time per request
99ms

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	1	0
Response time is less than 300ms	1	0
Response size is less than 2000B	1	0
Header is Correct	1	0
Body contains correct Values	1	0