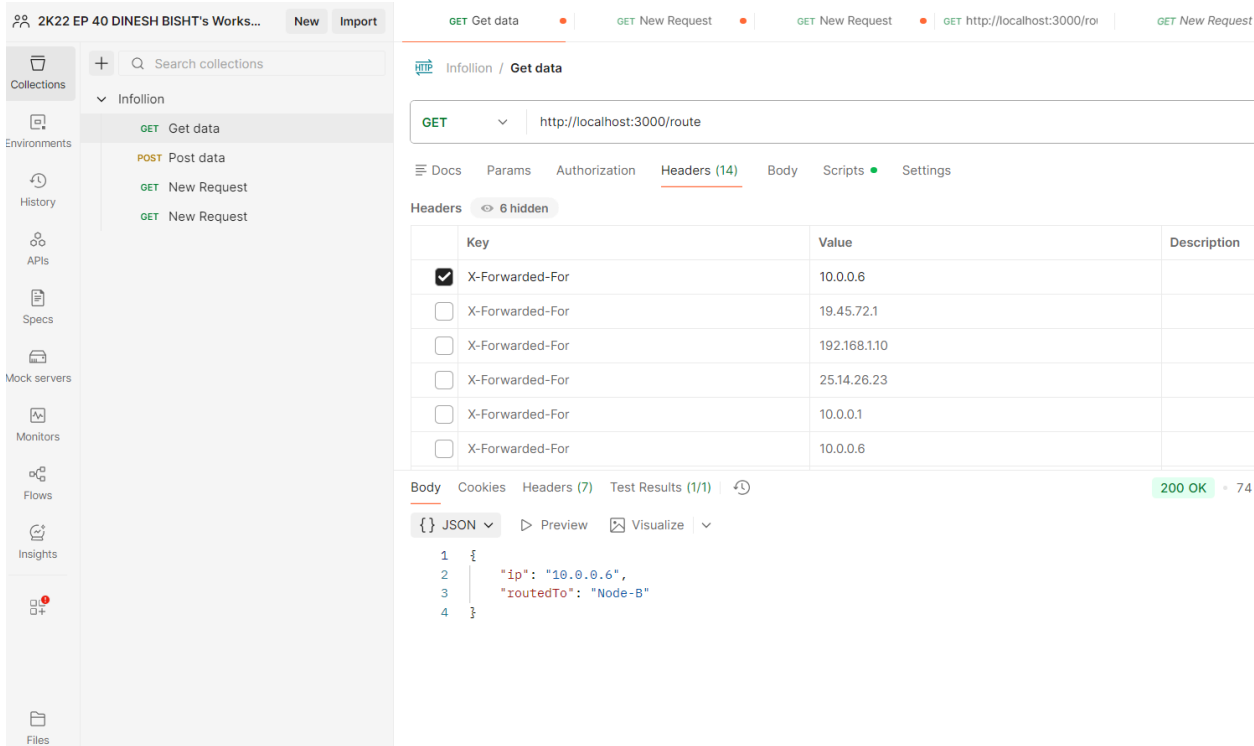


POSTMAN REQUESTS

Click Here  [PostMan Collections](#)



The screenshot shows the Postman interface with a GET request to `http://localhost:3000/route`. The request is configured with the following headers:

Key	Value	Description
<input checked="" type="checkbox"/> X-Forwarded-For	10.0.0.6	
<input type="checkbox"/> X-Forwarded-For	19.45.72.1	
<input type="checkbox"/> X-Forwarded-For	192.168.1.10	
<input type="checkbox"/> X-Forwarded-For	25.14.26.23	
<input type="checkbox"/> X-Forwarded-For	10.0.0.1	
<input type="checkbox"/> X-Forwarded-For	10.0.0.6	

The body of the request is a JSON object:

```
{  "ip": "10.0.0.6",  "routedTo": "Node-B"}
```

The response status is 200 OK.

```
163

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS D:\Load-Balancer> node server.js
Load Balancer API running on port 3000
Incoming IP: 10.0.0.6 → Routed to: Node-B
█
```

2K22 EP 40 DINESH BISHT's Works... New Import

GET Get data GET New Request GET New Request GET http://localhost:3000/ro GET New Request

Infollion / Get data

GET http://localhost:3000/route

Docs Params Authorization Headers (14) Body Scripts Settings

Headers 6 hidden

	Key	Value	Description	...
<input type="checkbox"/>	X-Forwarded-For	10.0.0.6		
<input checked="" type="checkbox"/>	X-Forwarded-For	19.45.72.1		
<input type="checkbox"/>	X-Forwarded-For	192.168.1.10		
<input type="checkbox"/>	X-Forwarded-For	25.14.26.23		
<input type="checkbox"/>	X-Forwarded-For	10.0.0.1		
<input type="checkbox"/>	X-Forwarded-For	10.0.0.6		

Body Cookies Headers (7) Test Results (1/1) 200 OK 74 ms 272 B

JSON Preview Visualize

```
1 {
2   "ip": "10.0.0.6",
3   "routedTo": "Node-B"
4 }
```

LOAD-BALANCER

- node_modules
- package-lock.json
- package.json
- README.md
- server.js

JS server.js > ...


```
138 app.get("/route", ratelimiter , (req, res) => {
145   routedTo: node
146 });
147 });
148
149
150 // Metrics endpoint
151 app.get("/metrics", (req, res) => {
152   res.json(metrics);
153 });
154
155
156 // Simulate traffic via API
157 app.get("/simulate/:count", (req, res) => {
158   const count = parseInt(req.params.count) || 5;
159   simulateTraffic(count);
160   res.json({ message: `${count} requests simulated` });
161 });
162
163
164 app.listen(PORT, () => {
165   console.log(`Load Balancer API running on port ${PORT}`);
166 });
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\Load-Balancer> node server.js
Load Balancer API running on port 3000
Incoming IP: 10.0.0.6 → Routed to: Node-B
Incoming IP: 19.45.72.1 → Routed to: Node-C
[]
```

	Key	Value
<input type="checkbox"/>	X-Forwarded-For	10.0.0.6
<input checked="" type="checkbox"/>	X-Forwarded-For	19.45.72.1
<input type="checkbox"/>	X-Forwarded-For	192.168.1.10
<input type="checkbox"/>	X-Forwarded-For	25.14.26.23
<input type="checkbox"/>	X-Forwarded-For	10.0.0.1
<input type="checkbox"/>	X-Forwarded-For	10.0.0.6

Body Cookies Headers (7) Test Results (1/1) ↺

{ } JSON ▾ ▶ Preview  Visualize ▾

```
1 {  
2   "ip": "19.45.72.1",  
3   "routedTo": "Node-C"  
4 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\Load-Balancer> node server.js  
Load Balancer API running on port 3000  
Incoming IP: 10.0.0.6 → Routed to: Node-B  
Incoming IP: 19.45.72.1 → Routed to: Node-C  
Incoming IP: 19.45.72.1 → Routed to: Node-C  
█
```

GET

▼

http://localhost:3000/route

Docs

Params

Authorization

Headers (14)

Body

Scripts ●

Settings

Headers

6 hidden

	Key	Value	Description
<input type="checkbox"/>	X-Forwarded-For	10.0.0.6	
<input type="checkbox"/>	X-Forwarded-For	19.45.72.1	
<input type="checkbox"/>	X-Forwarded-For	192.168.1.10	
<input checked="" type="checkbox"/>	X-Forwarded-For	25.14.26.23	
<input type="checkbox"/>	X-Forwarded-For	10.0.0.1	
<input type="checkbox"/>	X-Forwarded-For	10.0.0.6	

Body

Cookies

Headers (7)

Test Results (1/1)

🔄

200 OK

{}

JSON

▼

▶ Preview

🖼 Visualize

▼

1

{

2

"ip": "25.14.26.23",

3

"routedTo": "Node-B"

4

}

```
157 app.get("/simulate/:count", (req, res) => {
158   const count = parseInt(req.params.count) || 5;
159   simulateTraffic(count);
160   res.json({ message: `${count} requests simulated` });
161 });
162
163
164 app.listen(PORT, () => {
165   console.log(`Load Balancer API running on port ${PORT}`);
166 });
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

PS D:\Load-Balancer> node server.js
Load Balancer API running on port 3000
Incoming IP: 10.0.0.6 → Routed to: Node-B
Incoming IP: 19.45.72.1 → Routed to: Node-C
Incoming IP: 19.45.72.1 → Routed to: Node-C
Incoming IP: 25.14.26.23 → Routed to: Node-B
█

SIMULATION OF 15 IP ADDRESSES

GET

http://localhost:3000/simulate/15

Send

Docs

Params

Authorization

Headers (6)

Body

Scripts

Settings

Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body

Cookies

Headers (7)

Test Results

200 OK

22 ms

270 B

Save Response

{}

JSON

Preview

Visualize

1

{

2

"message": "15 requests simulated"

3

}

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\Load-Balancer> node server.js
Load Balancer API running on port 3000
Incoming IP: 5.238.200.54 → Routed to: Node-C
Incoming IP: 213.56.62.54 → Routed to: Node-B
Incoming IP: 79.132.168.153 → Routed to: Node-B
Incoming IP: 224.208.139.91 → Routed to: Node-C
Incoming IP: 127.157.186.40 → Routed to: Node-A
Incoming IP: 40.192.81.20 → Routed to: Node-A
Incoming IP: 118.194.154.191 → Routed to: Node-A
Incoming IP: 140.85.181.114 → Routed to: Node-B
Incoming IP: 140.119.16.177 → Routed to: Node-C
Incoming IP: 153.27.254.221 → Routed to: Node-B
Incoming IP: 9.0.250.85 → Routed to: Node-C
Incoming IP: 65.211.85.230 → Routed to: Node-A
Incoming IP: 139.18.77.82 → Routed to: Node-B
Incoming IP: 78.228.246.137 → Routed to: Node-C
Incoming IP: 47.56.166.128 → Routed to: Node-B
```

15 IP Addresses Simulated

METRICS DASHBOARD

P 40 DINESH BISHT's Works...NewImport

+Q Search collections

Infollion

GETGet data

POSTPost data

GETNew Request

GETNew Request

GETGet data • GETNew Request • GETNew Request • GEThttp://localhost:3000/roi • GETNew Request +

Infollion / New Request

GET

http://localhost:3000/metrics

Docs

Params

Authorization

Headers (6)

Body

Scripts

Settings

Query Params

	Key	Value	Description
	Key	Value	Description

BodyCookiesHeaders (7)Test Results↺

200 OK • 150 ms • 300 B •

{ } JSON

PreviewVisualize

1{

2 "totalRequests": 15,

3 "perNode": {

4 "Node-C": 5,

5 "Node-B": 6,

6 "Node-A": 4

7 }

8 }

Limit Reach if more than 5 requests are sent with same IP ADDRESSES WITHIN ONE MINUTE

HTTP Infollion / New Request Save



GET http://localhost:3000/route


Docs Params Authorization Headers (7) Body Scripts Settings

Headers 6 hidden

	Key	Value	Description	...	Bl
<input checked="" type="checkbox"/>	x-forwarded-for	19.32.9.11			
	Key	Value	Description		

Body Cookies Headers (7) Test Results ↺

429 Too Many Requests • 31 ms • 329 B •  

 JSON ▼ ▶ Preview 🔗 Debug with AI ▼ ⌵

```
1 {
2   "error": "Rate limit exceeded",
3   "message": "Too many requests. Try again later."
4 }
```

```
Incoming IP: 19.32.9.11 → Routed to: Node-C
Incoming IP: 19.32.9.11 → Routed to: Node-C
Incoming IP: 19.32.9.11 → Routed to: Node-C
Incoming IP: 19.32.9.11 → Routed to: Node-C
Incoming IP: 19.32.9.11 → Routed to: Node-C
█
```

Only 5 request have been received