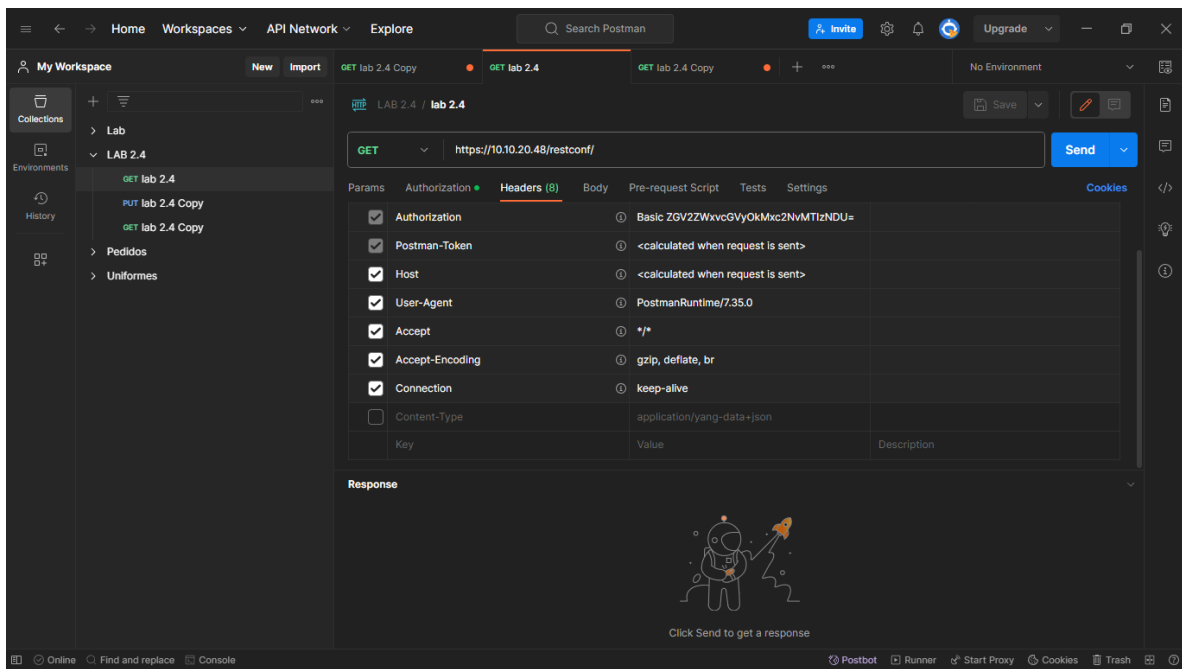
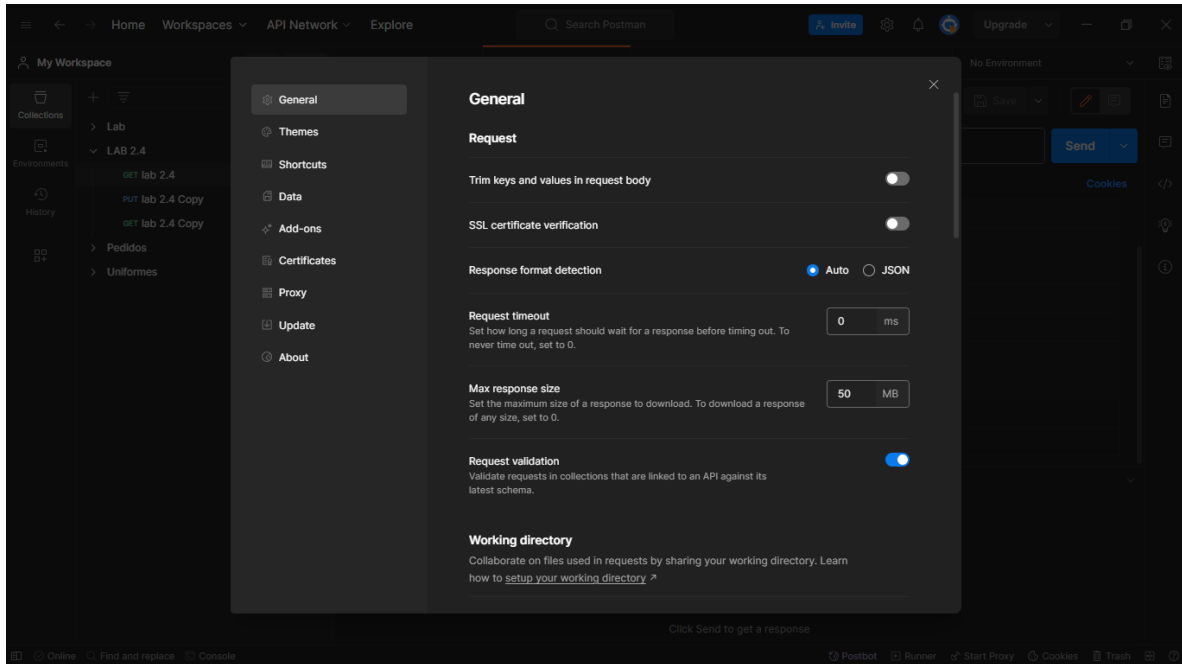


## Lab 2.4 – RESTCONF with Postman



Postman interface showing a workspace with a collection named "LAB 2.4". The selected item is "GET lab 2.4" with the URL "https://10.10.20.48/restconf/". The request method is "GET". The "Authorization" tab is active, showing "Basic Auth" with the username "developer" and password "C1sco12345". The "Response" section is empty, displaying a cartoon character and the text "Click Send to get a response".

Postman interface showing the same workspace and collection. The "Headers" tab is active, displaying a list of headers:

Key	Value	Description
Authorization	Basic ZGV2ZWVvcGVyOkMxc2NmMTIzNDU=	
Postman-Token	<calculated when request is sent>	
Host	<calculated when request is sent>	
User-Agent	PostmanRuntime/7.35.0	
Accept	*/*	
Accept-Encoding	gzip, deflate, br	
Connection	keep-alive	
Content-Type	application/yang-data+json	

The "Body" tab is active, showing the response in "Pretty" format:

```
1 {
2   "ietf-restconf:restconf": {
3     "data": {},
4     "operations": {},
5     "yang-library-version": "2019-01-04"
6   }
7 }
```

Status: 200 OK, Time: 394 ms, Size: 611 B. Save as example.

Home Workspaces API Network Explore Search Postman Invite Upgrade

GET lab 2.4 Copy GET lab 2.4 GET lab 2.4 Copy + ... No Environment

LAB 2.4 / lab 2.4 Save

GET https://10.10.20.48/restconf/ Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

<input checked="" type="checkbox"/>	Authorization	Basic ZGV2ZWxvcGVyOkMxc2NmMTIzNDU=	
<input checked="" type="checkbox"/>	Postman-Token	<calculated when request is sent>	
<input checked="" type="checkbox"/>	Host	<calculated when request is sent>	
<input checked="" type="checkbox"/>	User-Agent	PostmanRuntime/7.35.0	
<input checked="" type="checkbox"/>	Accept	*/*	
<input checked="" type="checkbox"/>	Accept-Encoding	gzip, deflate, br	
<input checked="" type="checkbox"/>	Connection	keep-alive	
<input type="checkbox"/>	Content-Type	application/yang-data+json	
	Key	Value	Description

Body Cookies Headers (12) Test Results Status: 200 OK Time: 148 ms Size: 677 B Save as example

Pretty Raw Preview Visualize XML

```
1 <?restconf xmlns="urn:ietf:params:xml:ns:yang:ietf-restconf">
2   <data/>
3   <operations/>
4   <yang-library-version>2019-01-04</yang-library-version>
5 </restconf>
```

15°C Nublado

Home Workspaces API Network Explore Search Postman Invite Upgrade

GET lab 2.4 Copy GET lab 2.4 Copy + ... No Environment

LAB 2.4 / lab 2.4 Copy Save

GET https://10.10.20.48/restconf/data/ietf-interfaces:interfaces/interface=Loopback0 Send

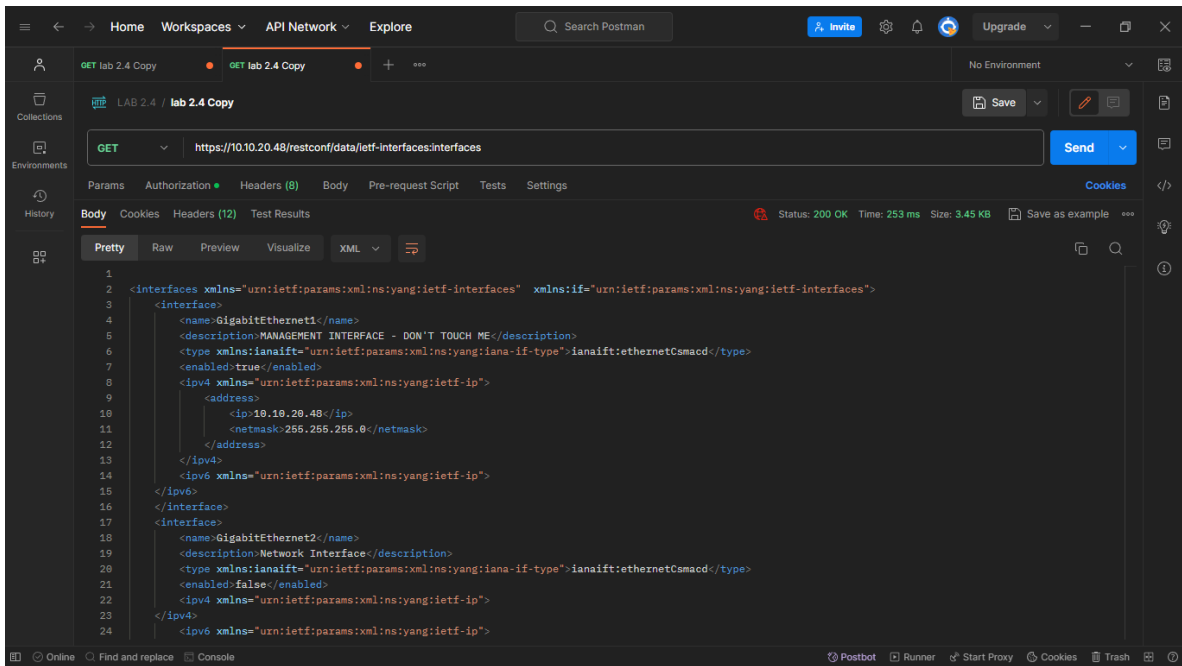
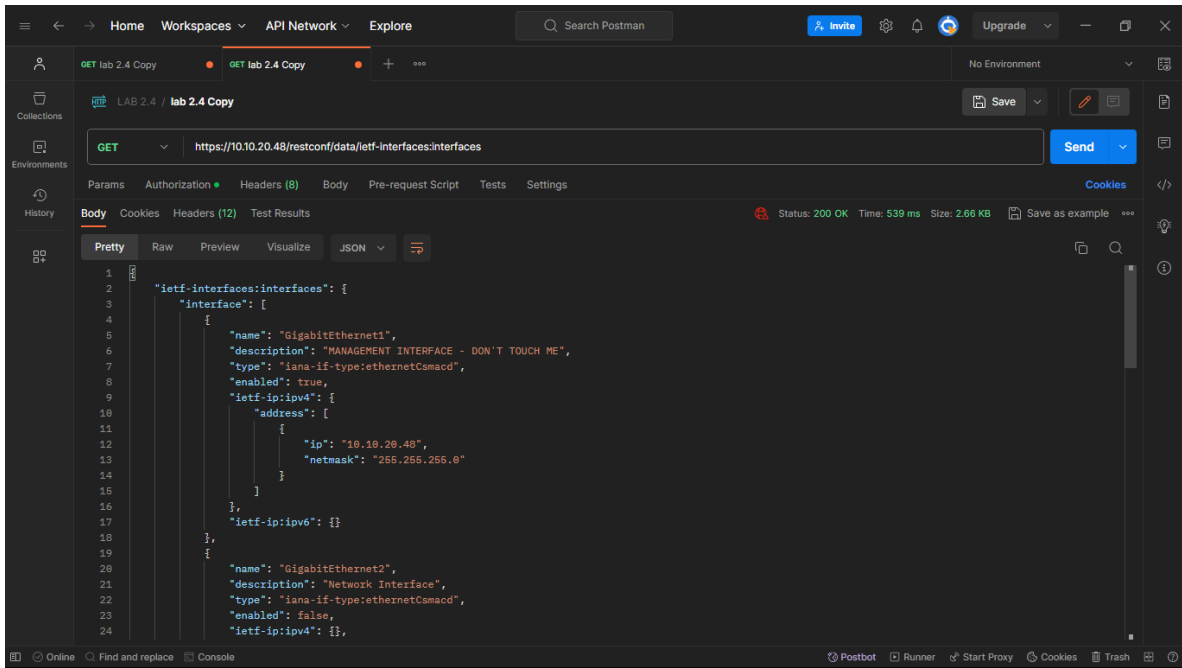
Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

<input checked="" type="checkbox"/>	Authorization	Basic ZGV2ZWxvcGVyOkMxc2NmMTIzNDU=	
<input checked="" type="checkbox"/>	Postman-Token	<calculated when request is sent>	
<input checked="" type="checkbox"/>	Host	<calculated when request is sent>	
<input checked="" type="checkbox"/>	User-Agent	PostmanRuntime/7.35.0	
<input checked="" type="checkbox"/>	Accept	*/*	
<input checked="" type="checkbox"/>	Accept-Encoding	gzip, deflate, br	
<input checked="" type="checkbox"/>	Connection	keep-alive	
<input checked="" type="checkbox"/>	Content-Type	application/yang-data+json	
	Key	Value	Description

Response

Click Send to get a response

Online Find and replace Console Postbot Runner Start Proxy Cookies Trash



GET <https://10.10.20.48/restconf/data/ietf-interfaces:interfaces/interface=Loopback0>

Params Authorization Headers (8) Body Pre-request Script Tests Settings

body Cookies Headers (12) Test Results Status: 200 OK Time

Pretty Raw Preview Visualize XML

```
1
2 <interface xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces" xmlns:if="urn:ietf:params:xml:ns:yang:ietf-interfaces">
3   <name>Loopback0</name>
4   <type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:softwareLoopback</type>
5   <enabled>true</enabled>
6   <ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip">
7     <address>
8       <ip>10.0.0.1</ip>
9       <netmask>255.255.255.0</netmask>
10    </address>
11  </ipv4>
12  <ipv6 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip">
13    </ipv6>
14 </interface>
```

GET <https://10.10.20.48/restconf/data/ietf-interfaces:interfaces/interface=Loopback0>

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Headers Hide auto-generated headers

Key	Value
-----	-------

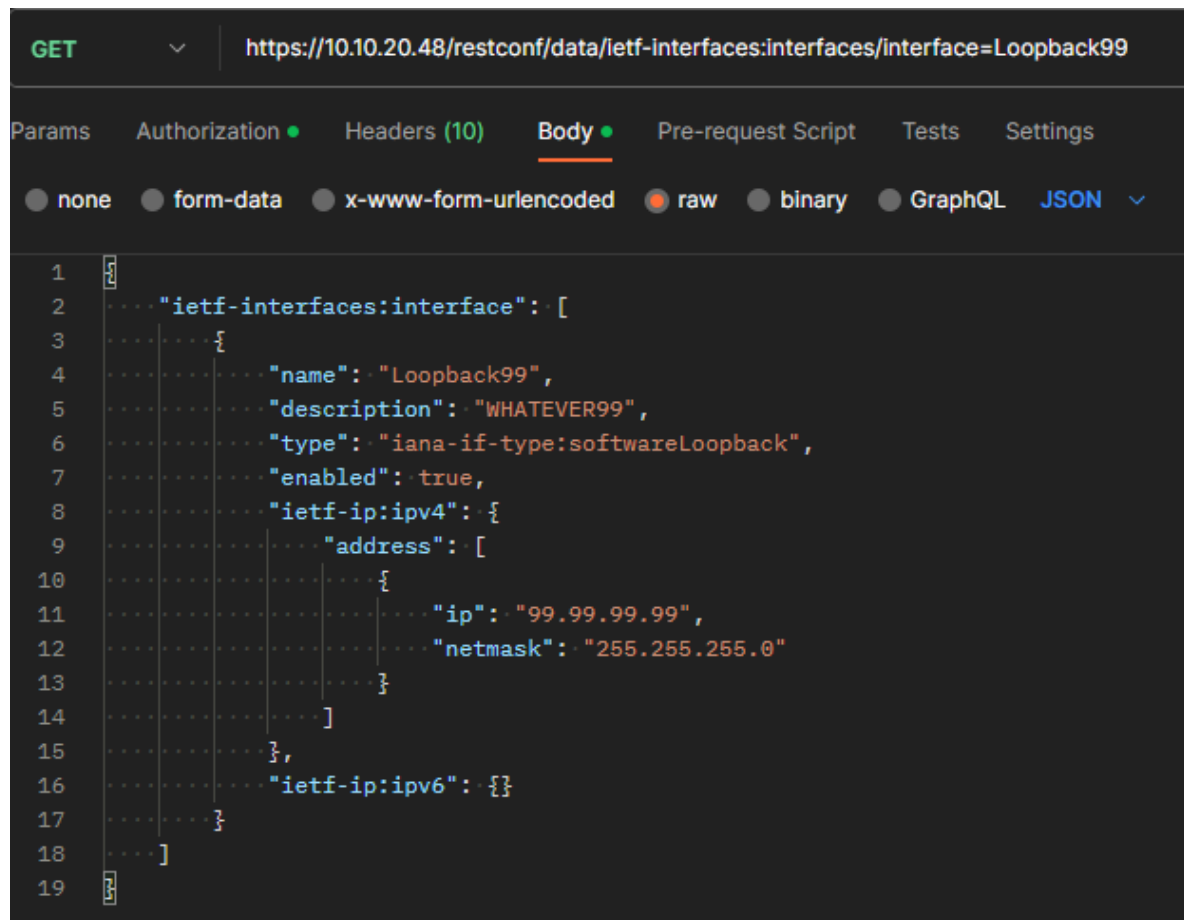
body Cookies Headers (12) Test Results

Pretty Raw Preview Visualize JSON

```
1
2 "ietf-interfaces:interface": [
3   {
4     "name": "Loopback0",
5     "type": "iana-if-type:softwareLoopback",
6     "enabled": true,
7     "ietf-ip:ipv4": {
8       "address": [
9         {
10          "ip": "10.0.0.1",
11          "netmask": "255.255.255.0"
12        }
13      ]
14    },
15     "ietf-ip:ipv6": {}
16   }
17 ]
18
```

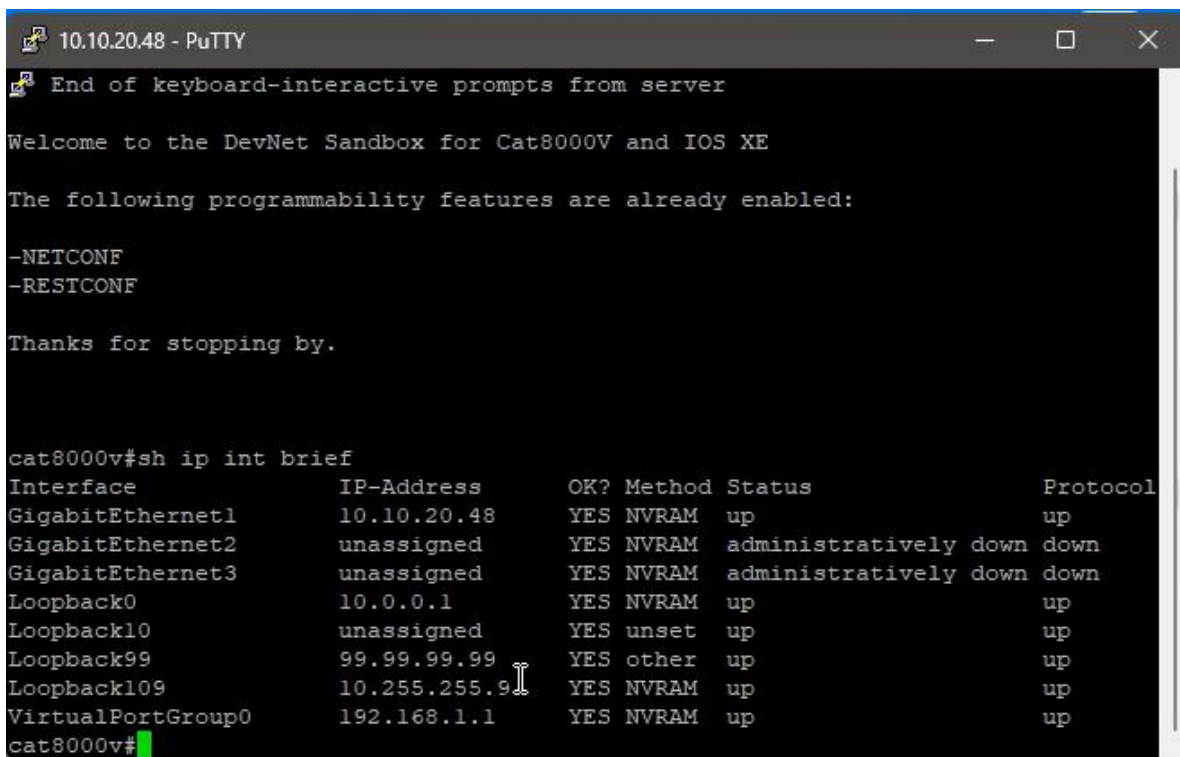
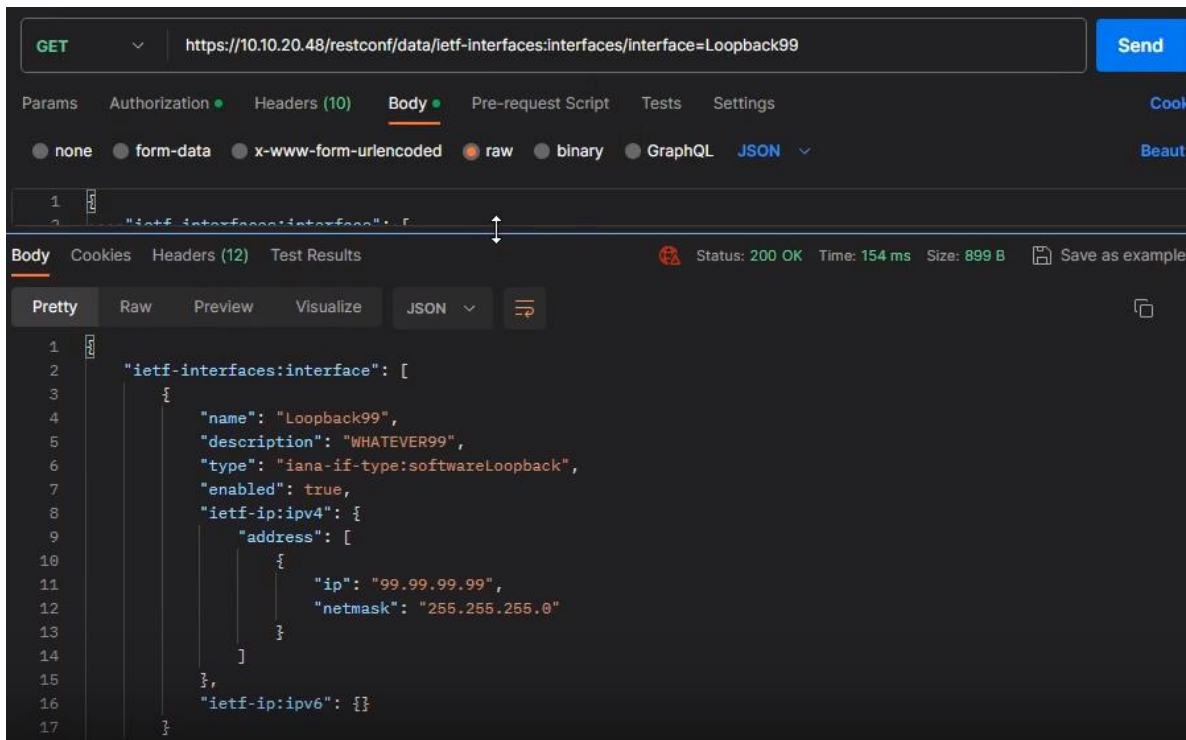
## ¿Cuál es la nueva URL?

<https://10.10.20.48/restconf/data/ietf-interfaces:interfaces>



The screenshot shows a REST client interface with a GET request to the URL `https://10.10.20.48/restconf/data/ietf-interfaces:interfaces/interface=Loopback99`. The response is displayed in JSON format, showing the configuration for the `Loopback99` interface.

```
1  {}
2  ... "ietf-interfaces:interface": [
3  ... {
4  ...   "name": "Loopback99",
5  ...   "description": "WHATEVER99",
6  ...   "type": "iana-if-type:softwareLoopback",
7  ...   "enabled": true,
8  ...   "ietf-ip:ipv4": {
9  ...     "address": [
10 ...       {
11 ...         "ip": "99.99.99.99",
12 ...         "netmask": "255.255.255.0"
13 ...       }
14 ...     ]
15 ...   },
16 ...   "ietf-ip:ipv6": {}
17 ... }
18 ... ]
19 {}
```



a. What changes were needed to be made in the RESTCONF request to delete the interface?

Tenía que cambiar el método put por delete y añadir la url con la loopback99.