'http://localhost:8080/stats/switches'：

response = requests.get(url)  
switches\_list = response.json()

请求交换机列表

[

1,

2,

3,

4,

5

]

f'http://localhost:8080/stats/flow/{selected\_switch}'

response = requests.get(url)   
flow\_info = response.json()

请求交换机流表信息

{

"1": [

{

"actions": [

"OUTPUT:4294967293"

],

"idle\_timeout": 0,

"cookie": 0,

"packet\_count": 563,

"hard\_timeout": 0,

"byte\_count": 28713,

"length": 96,

"duration\_nsec": 149000000,

"priority": 65535,

"duration\_sec": 180,

"table\_id": 0,

"flags": 0,

"match": {

"dl\_type": 35020,

"dl\_dst": "01:80:c2:00:00:0e"

}

},

{

"actions": [

"OUTPUT:1"

],

"idle\_timeout": 0,

"cookie": 0,

"packet\_count": 7,

"hard\_timeout": 0,

"byte\_count": 518,

"length": 104,

"duration\_nsec": 223000000,

"priority": 1,

"duration\_sec": 154,

"table\_id": 0,

"flags": 0,

"match": {

"dl\_dst": "00:00:00:00:00:16",

"dl\_src": "00:00:00:00:00:17",

"in\_port": 2

}

},

{

"actions": [

"OUTPUT:2"

],

"idle\_timeout": 0,

"cookie": 0,

"packet\_count": 4,

"hard\_timeout": 0,

"byte\_count": 336,

"length": 104,

"duration\_nsec": 215000000,

"priority": 1,

"duration\_sec": 154,

"table\_id": 0,

"flags": 0,

"match": {

"dl\_dst": "00:00:00:00:00:17",

"dl\_src": "00:00:00:00:00:16",

"in\_port": 1

}

},

{

"actions": [

"OUTPUT:4294967293"

],

"idle\_timeout": 0,

"cookie": 0,

"packet\_count": 19,

"hard\_timeout": 0,

"byte\_count": 1384,

"length": 80,

"duration\_nsec": 184000000,

"priority": 0,

"duration\_sec": 180,

"table\_id": 0,

"flags": 0,

"match": {}

}

]

}

f'http://localhost:8080/stats/portdesc/{selected\_switch}'

response = requests.get(url)   
port\_info = response.json()

请求交换机端口信息

{

"1": [

{

"tx\_dropped": 0,

"rx\_packets": 0,

"rx\_crc\_err": 0,

"tx\_bytes": 0,

"rx\_dropped": 3,

"port\_no": 4294967294,

"rx\_over\_err": 0,

"rx\_frame\_err": 0,

"rx\_bytes": 0,

"tx\_errors": 0,

"duration\_nsec": 899000000,

"collisions": 0,

"duration\_sec": 2107,

"rx\_errors": 0,

"tx\_packets": 0

},

{

"tx\_dropped": 0,

"rx\_packets": 273,

"rx\_crc\_err": 0,

"tx\_bytes": 16072,

"rx\_dropped": 0,

"port\_no": 1,

"rx\_over\_err": 0,

"rx\_frame\_err": 0,

"rx\_bytes": 16072,

"tx\_errors": 0,

"duration\_nsec": 83000000,

"collisions": 0,

"duration\_sec": 1429,

"rx\_errors": 0,

"tx\_packets": 273

},

{

"tx\_dropped": 0,

"rx\_packets": 272,

"rx\_crc\_err": 0,

"tx\_bytes": 16030,

"rx\_dropped": 0,

"port\_no": 2,

"rx\_over\_err": 0,

"rx\_frame\_err": 0,

"rx\_bytes": 16030,

"tx\_errors": 0,

"duration\_nsec": 245000000,

"collisions": 0,

"duration\_sec": 1425,

"rx\_errors": 0,

"tx\_packets": 272

},

{

"tx\_dropped": 0,

"rx\_packets": 266,

"rx\_crc\_err": 0,

"tx\_bytes": 15554,

"rx\_dropped": 0,

"port\_no": 3,

"rx\_over\_err": 0,

"rx\_frame\_err": 0,

"rx\_bytes": 15554,

"tx\_errors": 0,

"duration\_nsec": 244000000,

"collisions": 0,

"duration\_sec": 1425,

"rx\_errors": 0,

"tx\_packets": 266

}

]

}