

OverlayStatisticsEndpoint

Endpoint address: /overlays/statistics

Available methods: POST, GET

This endpoint is responsible for handing all requests regarding the statistics of overlays.

HTTP METHOD: GET

Arguments

This endpoint method takes no arguments.

Output

Precondition: True

Pattern	Annotations
{	The statistics per message per community, if available.
"statistics":	
[
{	
string (ascii):	The Community name.
{	
string (ascii):	The message name.
{	
"bytes_down":	
number	
"bytes_up":	
number	
"last_measured_up":	
number	
"first_measured_up":	
number	
"num_down":	
number	
"identifier":	
number	The message number.
"last_measured_down":	
number	
"num_up":	
number	
"first_measured_down":	
number	
}	
}	
}	
]	
}	

HTTP METHOD: POST

```
.. http:post:: /overlays/statistics
```

A POST request to this endpoint will enable statistics on the given overlay.

- enable: whether to enable or disable the statistics (True/False)
- overlay_name: class name of the overlay
- all: if set to True, update applies to all overlays

****Example request**:**

```
.. sourcecode:: none

curl -X PUT http://localhost:8085/ipv8/overlays/statistics
--data "enable=True&overlay_name=overlay_name&all=True"
```

****Example response**:**

```
.. sourcecode:: javascript

{"success": True}
```

Arguments

Argument: all

Pattern **Annotations**

boolean	Update applies to all overlays.
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Argument: enable

Pattern **Annotations**

boolean	Whether to enable or disable the statistics.
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Argument: overlay_name

Pattern **Annotations**

string (ascii)	Class name of the overlay.
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Output

Precondition: True

Pattern	Annotations
{	
"success":	
boolean	Whether the request succeeded, see error.
"error":	
string (ascii)	The available information in case of no success.
}	