

Clips API v1.0

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Resource: clip

Configuration, status and statistics of a clip.

<http://{device}/api/npm.clips/1.0/clips/items/{+id}>

JSON

```
{
  "config": {
    "description": string,
    "end_time": string,
    "filters": {
      "items": filters_list
    },
    "job_id": string,
    "start_time": string
  },
  "id": string,
  "index_stats": {
    "items": [ index_info_stat ]
  },
  "status": {
    "creation_time": string,
    "estimated_size": integer,
    "locked": boolean,
    "modification_time": string,
    "packets_dropped": integer,
    "packets_written": integer
  }
}
```

Property Name	Type	Description	Notes
<i>clip</i>	<object>	Configuration, status and statistics of a clip.	
<i>clip.config</i>	<object>	Configuration of a clip.	Optional;
<i>clip.config.description</i>	<string>	Description of this clip configuration.	Optional;
<i>clip.config.end_time</i>	<string>	Clip end time.	Optional;
<i>clip.config.filters</i>	<object>	Collection of filter criteria.	Optional;
<i>clip.config.filters.items</i>	<filters_list>	Array of filter criteria.	
<i>clip.config.job_id</i>	<string>	Job UUID on which the clip is applied.	Optional;
<i>clip.config.start_time</i>	<string>	Clip start time.	Optional;
<i>clip.id</i>	<string>	Clip unique identifier.	Read-only; Optional;
<i>clip.index_stats</i>	<object>	Collection of microflow index statistics.	Optional;
<i>clip.index_stats.items</i>	<array of <index_info_stat>	Array of microflow index statistics.	Optional;
<i>clip.index_stats.items[items]</i>	<index_info_stat>	Microflow index statistics.	
<i>clip.status</i>	<object>	Status of a clip.	Optional;
<i>clip.status.creation_time</i>	<string>	Clip creation time.	Read-only; Optional;
<i>clip.status.estimated_size</i>	<integer>	Estimated size for this clip in packet storage.	Read-only; Optional;
<i>clip.status.locked</i>	<boolean>	'true' if packets and the index for this clip are locked, 'false' otherwise.	Optional;
<i>clip.status.modification_time</i>	<string>	Clip last modified time.	Read-only; Optional;
<i>clip.status.packets_dropped</i>	<integer>	Statistics for the number of packets that arrived at the capture port but could not be written successfully to the packet storage for this clip.	Read-only; Optional;
<i>clip.status.packets_written</i>	<integer>	Statistics for the number of packets successfully written to the packet storage for this clip.	Read-only; Optional;

Links

clip: delete

DELETE <http://{device}/api/npm.clips/1.0/clips/items/{+id}>

Response Body

On success, the server does not provide any body in the responses.

clip: get

```
GET http://{device}/api/npm.clips/1.0/clips/items/{+id}
```

Response Body

Returns a [clip](#) data object.

clip: set

```
PUT http://{device}/api/npm.clips/1.0/clips/items/{+id}
```

Request Body

Provide a [clip](#) data object.

Response Body

Returns a [clip](#) data object.

Resource: clips

Collection of clips on the device.

```
http://{device}/api/npm.clips/1.0/clips
```

JSON

```
{  
  "items": [ clip ]  
}
```

Property Name	Type	Description	Notes
<i>clips</i>	<i><object></i>	Collection of clips on the device.	
<i>clips.items</i>	<i><array of <clip>></i>	Array of clips.	Optional;
<i>clips.items[items]</i>	<i><clip></i>	Configuration, status and statistics of a clip.	

Links

clips: create

```
POST http://{device}/api/npm.clips/1.0/clips
```

Request Body

Provide a [clip](#) data object.

Response Body

Returns a [clip](#) data object.

clips: get

```
GET http://{device}/api/npm.clips/1.0/clips
```

Response Body

Returns a [clips](#) data object.

Type: filters_list

Array of filter criteria.

JSON

```
[
  {
    "context": string,
    "id": string,
    "type": string,
    "value": string
  }
]
```

Property Name	Type	Description	Notes
<i>filters_list</i>	<array of <object>>	Array of filter criteria.	
<i>filters_list</i> [items]	<object>	Filter configuration.	Required properties: [id, type, value];
<i>filters_list</i> [items].context	<string>	Context from which the filter was applied (e.g., user request, data drill-down, etc).	Optional; Values: NONE, INTERNAL, USER, DRILL_DOWN;
<i>filters_list</i> [items].id	<string>	Filter criterion ID.	
<i>filters_list</i> [items].type	<string>	The type of filter used on the data.	Values: BPF, STEELFILTER, WIRESHARK;
<i>filters_list</i> [items].value	<string>	Query filter text to use.	

Type: index_info_stat

Microflow index statistics.

JSON

```
{
  "end_time": string,
  "start_time": string,
  "version": string
}
```

Property Name	Type	Description	Notes
<i>index_info_stat</i>	<object>	Microflow index statistics.	Required properties: [version, start_time, end_time];
<i>index_info_stat</i> .end_time	<string>	End time for an indexed interval.	
<i>index_info_stat</i> .start_time	<string>	Start time for an indexed interval.	
<i>index_info_stat</i> .version	<string>	Microflow index version.	