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"
  }
}
```

<table>
<thead>
<tr>
<th>Property Name</th>
<th>Type</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>clip</td>
<td>&lt;object&gt;</td>
<td>Configuration, status and statistics of a clip.</td>
<td></td>
</tr>
<tr>
<td>clip.config</td>
<td>&lt;object&gt;</td>
<td>Configuration of a clip.</td>
<td>Optional;</td>
</tr>
<tr>
<td>clip.config.description</td>
<td>&lt;string&gt;</td>
<td>Description of this clip configuration.</td>
<td>Optional;</td>
</tr>
<tr>
<td>clip.config.end_time</td>
<td>&lt;string&gt;</td>
<td>Clip end time.</td>
<td>Optional;</td>
</tr>
<tr>
<td>clip.config.filters</td>
<td>&lt;object&gt;</td>
<td>Collection of filter criteria.</td>
<td>Optional;</td>
</tr>
<tr>
<td>clip.config.filters.items</td>
<td>&lt;filters_list&gt;</td>
<td>Array of filter criteria.</td>
<td>Optional;</td>
</tr>
<tr>
<td>clip.config.job_id</td>
<td>&lt;string&gt;</td>
<td>Job UUID on which the clip is applied.</td>
<td>Optional;</td>
</tr>
<tr>
<td>clip.config.start_time</td>
<td>&lt;string&gt;</td>
<td>Clip start time.</td>
<td>Optional;</td>
</tr>
<tr>
<td>clip.id</td>
<td>&lt;string&gt;</td>
<td>Clip unique identifier.</td>
<td>Read-only; Optional;</td>
</tr>
<tr>
<td>clip.index_stats</td>
<td>&lt;object&gt;</td>
<td>Collection of microflow index statistics.</td>
<td>Optional;</td>
</tr>
<tr>
<td>clip.index_stats.items</td>
<td>&lt;array of &lt;index_info_stat&gt;&gt;</td>
<td>Array of microflow index statistics.</td>
<td>Optional;</td>
</tr>
<tr>
<td>clip.index_stats.items[items]</td>
<td>&lt;index_info_stat&gt;</td>
<td>Microflow index statistics.</td>
<td></td>
</tr>
<tr>
<td>clip.status</td>
<td>&lt;object&gt;</td>
<td>Status of a clip.</td>
<td>Optional;</td>
</tr>
<tr>
<td>clip.status.creation_time</td>
<td>&lt;string&gt;</td>
<td>Clip creation time.</td>
<td>Read-only; Optional;</td>
</tr>
<tr>
<td>clip.status.estimated_size</td>
<td>&lt;integer&gt;</td>
<td>Estimated size for this clip in packet storage.</td>
<td>Read-only; Optional;</td>
</tr>
<tr>
<td>clip.status.locked</td>
<td>&lt;boolean&gt;</td>
<td>'true' if packets and the index for this clip are locked, 'false' otherwise.</td>
<td>Optional;</td>
</tr>
<tr>
<td>clip.status.modification_time</td>
<td>&lt;string&gt;</td>
<td>Clip last modified time.</td>
<td>Read-only; Optional;</td>
</tr>
<tr>
<td>clip.status.packets_dropped</td>
<td>&lt;integer&gt;</td>
<td>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.</td>
<td>Read-only; Optional;</td>
</tr>
<tr>
<td>clip.status.packets_written</td>
<td>&lt;integer&gt;</td>
<td>Statistics for the number of packets successfully written to the packet storage for this clip.</td>
<td>Read-only; Optional;</td>
</tr>
</tbody>
</table>

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

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

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<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>clips</td>
<td>&lt;object&gt;</td>
<td>Collection of clips on the device.</td>
<td></td>
</tr>
<tr>
<td>clips.items</td>
<td>&lt;array of&lt;clip&gt;&gt;</td>
<td>Array of clips.</td>
<td>Optional;</td>
</tr>
<tr>
<td>clips.items[{items}]</td>
<td>&lt;clip&gt;</td>
<td>Configuration, status and statistics of a clip.</td>
<td></td>
</tr>
</tbody>
</table>

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

```
### Property Name | Type | Description | Notes
---|---|---|---
| `filters_list` | `<array of <object>>` | Array of filter criteria. |  |
| `filters_list[items]` | `<object>` | Filter | Required properties: [id, type, value]; |
| `filters_list[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; |
| `filters_list[items].id` | `<string>` | Filter criterion ID. |  |
| `filters_list[items].type` | `<string>` | The type of filter used on the data. | Values: BPF, STEELFILTER, WIRESHARK; |
| `filters_list[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
---|---|---|---
| `index_info_stat` | `<object>` | Microflow index statistics. | Required properties: [version, start_time, end_time]; |
| `index_info_stat.end_time` | `<string>` | End time for an indexed interval. |  |
| `index_info_stat.start_time` | `<string>` | Start time for an indexed interval. |  |
| `index_info_stat.version` | `<string>` | Microflow index version. |  ```