Admin Outages API

If you have a maintenance window or a scheduled outage for a device then you will likely want to suspend alerting for that device during that period.

NMIS has supported this for a long time, please refer to the NMIS Outages documentation for further information.

Now, it is also possible to manage Outages within the Administration console or API.

Released in opCharts 4.3.5

Summary

Operation	Method	API
Get a list of Outages	GET	http://server/en/omk/admin/api/v2/outages
Get an Outage	GET	http://server/en/omk/admin/api/v2/outages/:id
Create an Outage	POST	http://server/en/omk/admin/api/v2/outages
Update an Outage	PUT	http://server/en/omk/admin/api/v2/outages
Delete an Outage	DELETE	http://server/en/omk/admin/api/v2/outages/:id

Note: At the moment, this only works for local nodes.

Authentication

All these methods require authentication.

POST http://server/en/omk/admin/login

Form data:

- username
- password

Methods

Get Outages

GET http://server/en/omk/admin/api/v2/outages

Returns a list of outages.

Response:

```
[
    {
        "change_id": "1234",
        "current": null,
        "description": "my_test_outage",
        "end": 1678627263,
        "frequency": "once",
        "id": "a059db21-d7c8-4fc8-9e95-ad47b5ba3dae",
        "nodes": [
            "asgard",
            "apc-ups"
        ],
        "options": {},
        "start": 1678454463
    },
    {
        "change_id": "1234",
        "current": null,
        "description": "my_test_outage",
        "end": 1678627263,
        "frequency": "once",
        "id": "a9dac944-ef21-4019-a24d-d993926922a1",
        "nodes": [
            "asgard",
            "apc-ups"
        ],
        "options": {},
        "start": 1678454463
    }
]
```

Get Outage

GET http://server/en/omk/admin/api/v2/outages/#ID

Ex. http://server/en/omk/admin/api/v2/outages/f14d4f34-2fd0-4be0-9d54-7431c5de294f

Returns an outage.

Response:

```
{
    "change_id": "1234",
    "current": null,
    "description": "my_test_outage",
    "end": 1678627263,
    "frequency": "once",
    "id": "e5ad10c2-5869-4b03-ae6a-c4d86a174688",
    "nodes": [
        "asgard",
        "apc-ups"
    ],
    "options": {},
    "start": 1678454463
}
```

Create Outage

POST http://server/en/omk/admin/api/v2/outages

Returns 200 if the outage was successfully created.

Payload example:

```
{
        "change_id": "ticket #1234",
        "description": "Emergency outage",
        "end": "11-Mar-2022 23:21:03",
        "nodes": ["Asgard","apc-ups"],
        "start": "10-Mar-2022 23:21:03"
    }
```

Returns:

```
{
    "id": "9ede91fc-45c3-4538-8bbd-35ddc893a51f",
    "success": 1
}
```

Update Outage

PUT http://server/en/omk/admin/api/v2/outages

Returns 200 if the outage was successfully updated.

Payload example:

```
{
        "change_id": "ticket #1234",
        "description": "Firewall updates",
        "end": "11-Mar-2022 23:21:03",
        "nodes": ["Asgard","apc-ups"],
        "start": "10-Mar-2022 23:21:03",
        "id": "9ede91fc-45c3-4538-8bbd-35ddc893a51f"
    }
```

Returns:

```
{
    "id": "9ede91fc-45c3-4538-8bbd-35ddc893a51f",
    "success": 1
}
```

Delete Outage

DELETE http://server/en/omk/admin/api/v2/outages/2a07c78a-65b6-49df-a052-a97d7a899c58

Returns 200 if the outage was successfully removed.