

/api-docs Explore

OpenAPI definition *0 OAS3

/api-docs

Servers

http://localhost:8080 - Generated server url

controller

GET /api/users Get all users. Try it out **Parameters** No parameters Responses Code **Description** Links 200 No links Got all users. Media type Controls Accept header. Example Value Schema ["id": 0, "name": "string",

```
Code Description Links

"email": "string",
    "birthdate": "2022-01-25T11:02:03.888Z",
    "registerDate": "2022-01-25T11:02:03.888Z"
}
]
```

```
/api/users Add a user.
POST
                                                                                       Try it out
Parameters
No parameters
Request body required
                                                                           application/json
Example Value Schema
   "id": 0,
"name": "string",
   "email": "string",
   "birthdate": "2022-01-25T11:02:03.900Z",
   "registerDate": "2022-01-25T11:02:03.900Z"
}
Responses
Code
             Description
                                                                                            Links
200
                                                                                            No links
             User added.
             Media type
                */*
             Controls Accept header.
             Example Value Schema
              {
                "id": 0,
                "name": "string",
                "email": "string",
                "birthdate": "2022-01-25T11:02:03.900Z",
```

```
Code Description Links

"registerDate": "2022-01-25T11:02:03.900Z"
}
```

```
GET
            /api/softwares Get all software.
                                                                                             Try it out
Parameters
No parameters
Responses
Code
              Description
                                                                                                  Links
200
                                                                                                  No links
              Got all software.
              Media type
              Controls Accept header.
              Example Value Schema
               [
                   "id": 0,
                   "name": "string",
"type": "string"
               ]
```

```
POST /api/softwares Add a software.

Parameters

No parameters

Request body required

application/json
```

```
Example Value Schema
   "id": 0,
   "name": "string",
   "type": "string"
Responses
             Description
Code
                                                                                              Links
200
                                                                                              No links
             Software added.
             Media type
                */*
             Controls Accept header.
             Example Value Schema
                "id": 0,
"name": "string",
                "type": "string"
```

```
GET /api/machines Get all machines.

Parameters

Try it out

No parameters

Code Description

Links

200

Got all machines.
```

```
Code
                                                                                             Links
             Description
             Media type
                */*
             Controls Accept header.
             Example Value Schema
              [
                {
                  "id": 0,
                  "cpu": "string",
                  "gpu": "string",
                  "ram": "string",
                  "disk": "string",
                  "os": "string",
                  "name": "string",
                  "location": {
                    "id": 0,
                    "temperature": 0,
                    "humidity": 0
                  },
                  "getxCoord": 0,
                  "getyCoord": 0,
                  "currentUser": {
                    "id": 0,
                    "name": "string",
                    "email": "string",
                    "birthdate": "2022-01-25T11:02:03.906Z",
                    "registerDate": "2022-01-25T11:02:03.906Z"
                  "softwares": [
                    {
                      "id": 0,
                       "name": "string",
```

```
POST /api/machines Add a machine.

Parameters

Request body required

Example Value Schema

{
    "id": 0,
    "cpu": "string",
    "gpu": "string",
    "ram": "string",
    "disk": "string",
    "disk": "string",
    "os": "string",
```

```
"name": "string",
"location": {
  "id": 0,
  "temperature": 0,
  "humidity": 0
"getxCoord": 0,
"getyCoord": 0,
"currentUser": {
  "id": 0,
  "name": "string",
  "email": "string",
  "birthdate": "2022-01-25T11:02:03.911Z",
  "registerDate": "2022-01-25T11:02:03.911Z"
},
"softwares": [
  {
    "id": 0,
    "name": "string",
```

Responses

Code Description Links

200 No links

Machine added.

Media type

/

Controls Accept header.

Example Value Schema

```
"id": 0,
"cpu": "string",
"gpu": "string",
"ram": "string",
"disk": "string",
"os": "string",
"name": "string",
"location": {
  "id": 0,
  "temperature": 0,
  "humidity": 0
},
"getxCoord": 0,
"getyCoord": 0,
"currentUser": {
  "id": 0,
  "name": "string",
  "email": "string",
  "birthdate": "2022-01-25T11:02:03.913Z",
  "registerDate": "2022-01-25T11:02:03.913Z"
```

```
Code Description Links

},

"softwares": [
{
    "id": 0,
    "name": "string",
    "tyne": "string"
```

```
GET
           /api/locations Get all locations.
                                                                                       Try it out
Parameters
No parameters
Responses
Code
             Description
                                                                                           Links
200
                                                                                           No links
             Got all locations.
             Media type
               */*
             Controls Accept header.
             Example Value Schema
              [
                  "id": 0,
                  "temperature": 0,
                  "humidity": 0
                }
              ]
```

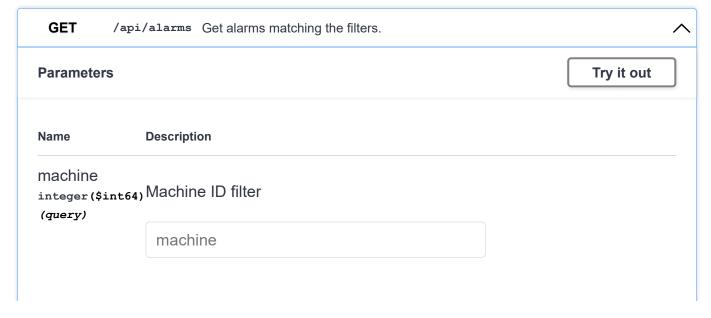
```
POST /api/locations Add a location.

Parameters

Try it out

No parameters
```

```
Request body required
                                                                          application/json
Example Value Schema
   "id": 0,
   "temperature": 0,
   "humidity": 0
Responses
             Description
Code
                                                                                           Links
200
                                                                                           No links
             Location added.
             Media type
               */*
             Controls Accept header.
             Example Value Schema
                "id": 0,
                "temperature": 0,
                "humidity": 0
              }
```



Name	Description	
ts-start integer(\$ (query)	int64) Start timestamp filter	
	ts-start	
ts-end integer(\$	int64) End timestamp filter	
	ts-end	
Seen boolean (query)	Seen filter	
page integer(\$ (query)	int32) Pagination: page number	
(query)	Default value : 0	
	0	
SİZC integer(\$ (query)	int32) Pagination: page size Default value: 10	
-	Belaut value : 10	
	10	
Response	es e	
Code	Description	Links
200	Alarms found.	No links
	Media type */* Controls Accept header.	

```
Code
            Description
                                                                                           Links
            Example Value Schema
             {
                "totalElements": 0,
                "totalPages": 0,
                "sort": {
                 "sorted": true,
                 "unsorted": true,
                  "empty": true
                "first": true,
               "last": true,
                "numberOfElements": 0,
                "pageable": {
                  "sort": {
                   "sorted": true,
                    "unsorted": true,
                    "empty": true
                  "pageNumber": 0,
                  "pageSize": 0,
                  "paged": true,
                  "unpaged": true,
                  "offset": 0
               },
                "size": 0,
                "content": [
                  {
                    "id": "string",
```

```
POST /api/alarms Update the seen status of an alarm.

Parameters

Request body required

Example Value Schema

{
  "id": "string",
  "seen": true
}

Responses
```

```
Description
Code
                                                                                            Links
200
                                                                                            No links
             Alarm status updated.
             Media type
               */*
             Controls Accept header.
             Example Value Schema
                "id": "string",
                "machineId": 0,
                "userId": 0,
                "message": "string",
                "seen": true,
                "type": "string",
                "timestamp": 0
              }
404
                                                                                            No links
             No alarm with specified ID found.
             Media type
               */*
             Example Value Schema
                "id": "string",
                "machineId": 0,
                "userId": 0,
                "message": "string",
                "seen": true,
                "type": "string",
                "timestamp": 0
              }
```

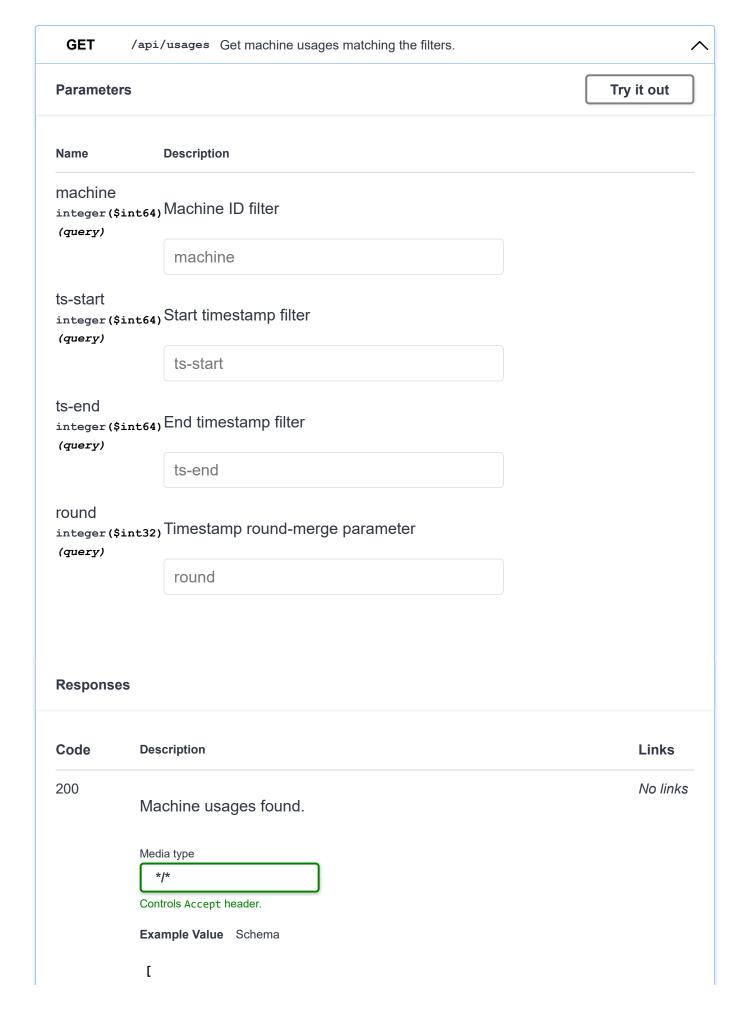
```
GET /api/users/{id} Get a user by ID.

Parameters

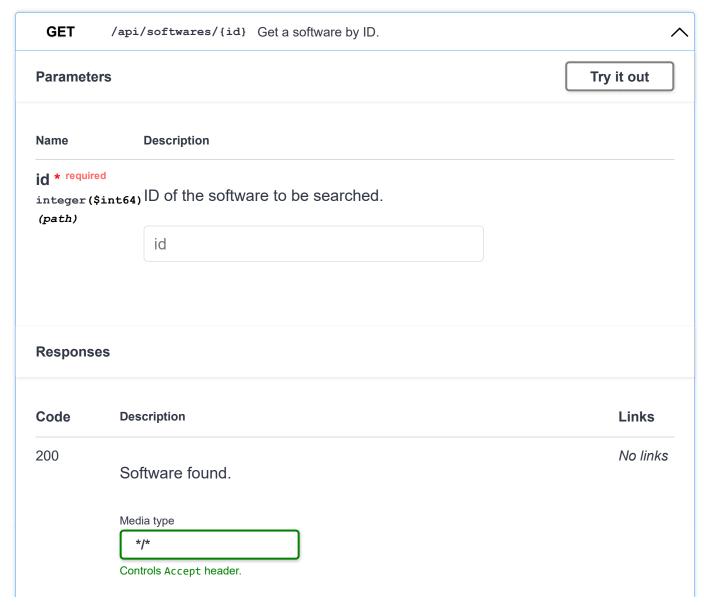
Try it out

Name Description
```

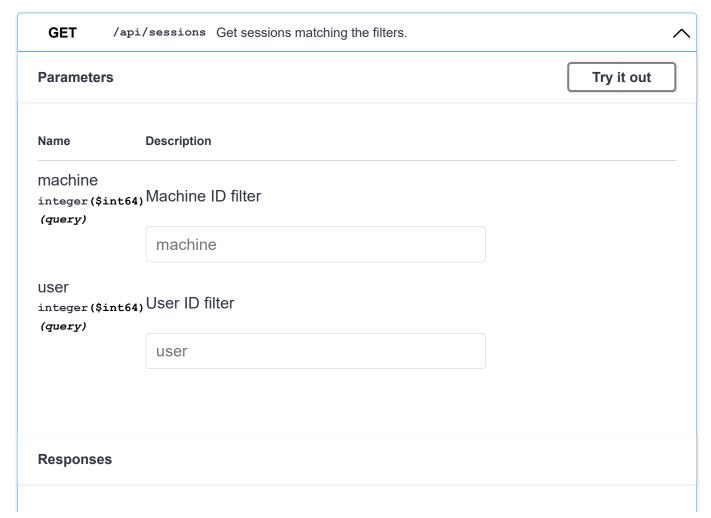
```
Name
                 Description
id * required
integer ($int64) ID of the user to be searched.
(path)
                  id
Responses
                                                                                             Links
Code
             Description
200
                                                                                             No links
             User found.
             Media type
               */*
             Controls Accept header.
             Example Value Schema
                "id": 0,
                "name": "string",
                "email": "string",
                "birthdate": "2022-01-25T11:02:03.940Z",
                "registerDate": "2022-01-25T11:02:03.940Z"
              }
                                                                                             No links
404
             User not found.
             Media type
               */*
             Example Value Schema
              {
                "id": 0,
"name": "string",
                "email": "string",
                "birthdate": "2022-01-25T11:02:03.941Z",
                "registerDate": "2022-01-25T11:02:03.941Z"
              }
```



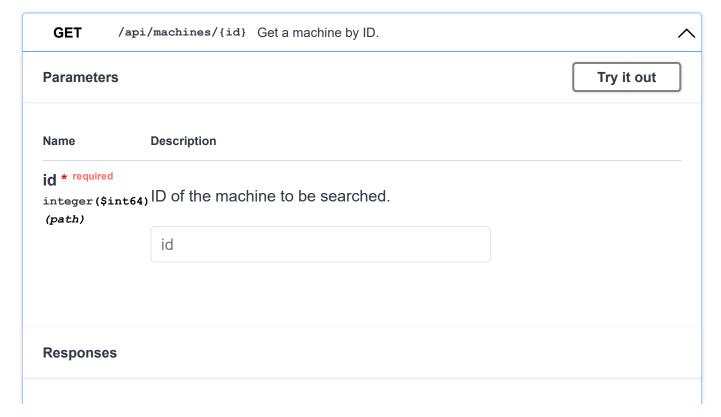
```
Code
             Description
                                                                                            Links
                  "id": "string",
                  "machineId": 0,
                  "userId": 0,
                  "timestamp": 0,
                  "cpuUsage": 0,
                  "gpuUsage": 0,
                  "networkUpUsage": 0,
                  "networkDownUsage": 0,
                  "powerUsage": 0,
                  "diskUsage": 0,
                  "ramUsage": 0,
                  "uptime": 0,
                  "softwareUsage": [
                  ],
                  "cpuTemp": 0,
                  "gpuTemp": 0
                }
              ]
```



```
Code
              Description
                                                                                                  Links
              Example Value Schema
               {
                 "id": 0,
"name": "string",
                 "type": "string"
               }
404
                                                                                                  No links
              Software not found.
              Media type
                 */*
              Example Value Schema
               {
                 "id": 0,
"name": "string",
                 "type": "string"
               }
```

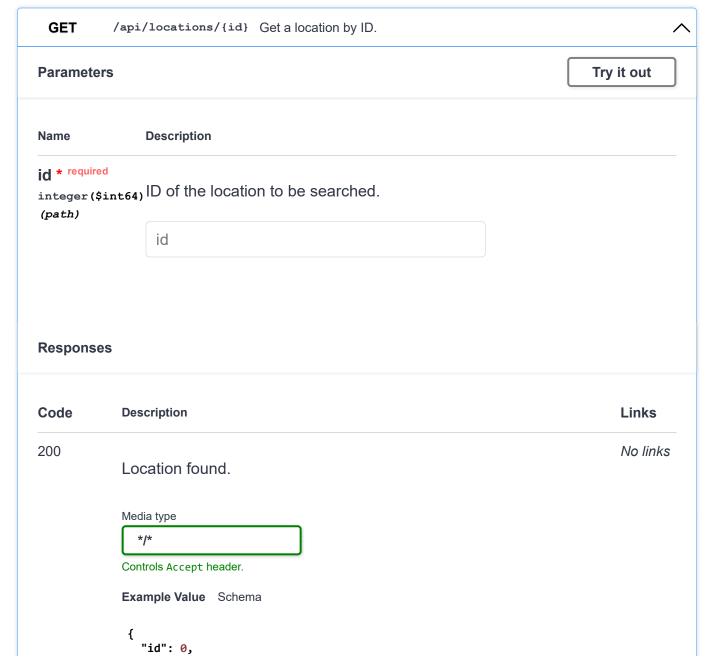


```
Code
             Description
                                                                                            Links
200
                                                                                            No links
             Sessions found.
             Media type
               */*
             Controls Accept header.
             Example Value Schema
              [
                  "id": "string",
                  "machineId": 0,
                  "userId": 0,
                  "timestampStart": 0,
                  "timestampEnd": 0,
                  "updateCount": 0,
                  "avgCpuUsage": 0,
                  "avgGpuUsage": 0,
                  "avgNetDownUsage": 0,
                  "avgNetUpUsage": 0,
                  "avgPowerUsage": 0,
                  "avgDiskUsage": 0,
                  "avgRamUsage": 0,
                  "softwareUsed": [
                  ]
                }
              ]
```

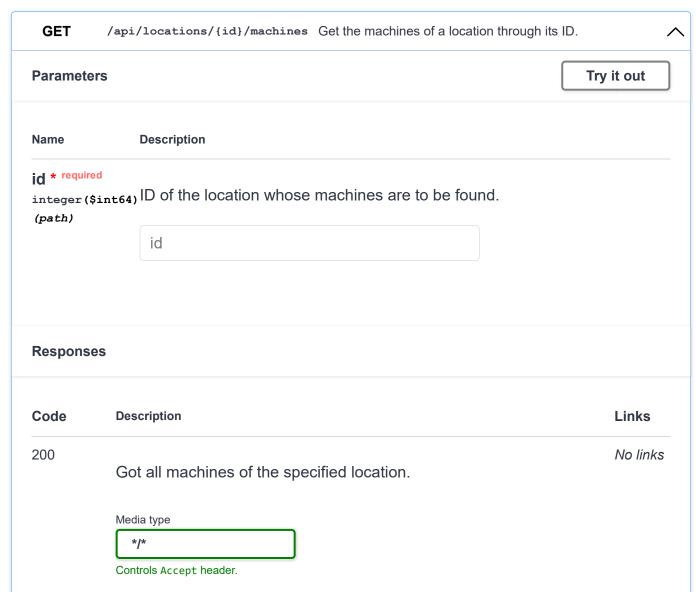


```
Code
                                                                                             Links
             Description
200
                                                                                              No links
             Machine found.
             Media type
                */*
             Controls Accept header.
             Example Value Schema
              {
                "id": 0,
                "cpu": "string",
                "gpu": "string",
                "ram": "string",
                "disk": "string",
                "os": "string",
                "name": "string",
                "location": {
                  "id": 0,
                  "temperature": 0,
                  "humidity": 0
                "getxCoord": 0,
                "getyCoord": 0,
                "currentUser": {
                  "id": 0,
                  "name": "string",
                  "email": "string",
                  "birthdate": "2022-01-25T11:02:03.954Z",
                  "registerDate": "2022-01-25T11:02:03.954Z"
                },
                 "softwares": [
                  {
                    "id": 0,
"name": "string",
                    "type": "string"
404
                                                                                              No links
             Machine not found.
             Media type
                */*
             Example Value Schema
              {
                "id": 0,
                "cpu": "string",
                "gpu": "string",
                "ram": "string",
                "disk": "string",
                "os": "string",
                "name": "string",
                "location": {
                  "id": 0,
```

```
Code
            Description
                                                                                           Links
                  "temperature": 0,
                  "humidity": 0
                "getxCoord": 0,
                "getyCoord": 0,
                "currentUser": {
                 "id": 0,
                 "name": "string",
                  "email": "string",
                  "birthdate": "2022-01-25T11:02:03.957Z",
                  "registerDate": "2022-01-25T11:02:03.957Z"
                "softwares": [
                    "id": 0,
                    "name": "string",
```



```
Code
             Description
                                                                                            Links
                "temperature": 0,
                "humidity": 0
              }
404
                                                                                            No links
             Location not found.
             Media type
               */*
             Example Value Schema
              {
                "id": 0,
                "temperature": 0,
                "humidity": 0
              }
```



```
Code
                                                                                           Links
              Description
              Example Value Schema
               [
                   "id": 0,
                   "cpu": "string",
                   "gpu": "string",
                   "ram": "string",
                   "disk": "string",
                   "os": "string",
                   "name": "string",
                   "location": {
                     "id": 0,
                     "temperature": 0,
                     "humidity": 0
                   },
                   "getxCoord": 0,
                   "getyCoord": 0,
                   "currentUser": {
                     "id": 0,
Schemas
                     "name": "string",
                     "email": "string",
                     "birthdate": "2022-01-25T11:02:03.964Z",
    User
        id
                               integer ($int64)
                               Identifier
        name
                               string
                               Real name
        email
                               string
                               Email address
        birthdate
                               string($date-time)
                               Birthdate
        registerDate
                               string($date-time)
                               Registration date
                   "ram": "string",
                   "disk": "string",
                   "os": "string",
                   "name": "string",
                   "location": {
                     "id": 0,
                     "temperature": 0,
                     "humidity": 0
                   },
                   "getxCoord": 0,
                   "getyCoord": 0,
                   "currentUser": {
                     "id": 0,
                     "name": "string",
                     "email": "string",
```

```
Software
             {
                        integer($int64)
   id
                        Identifier
   name
                        string
                        Name
   type
                        string
                        Type
}
Location
   description:
                        Location (cafe)
   id
                        integer($int64)
                        Identifier
                        number($double)
   temperature
                        Current location temperature (°C)
   humidity
                        number($double)
                        Current location humidity (0 to 1)
```

```
Machine
                         integer($int64)
   id
                         Identifier
                         string
   cpu
                         CPU name
                         string
   gpu
                         GPU name
                         string
   ram
                        RAM name
   disk
                         string
                        Disk name
   os
                         string
                         Operating system name
   name
                         string
                        Machine name
   location
                         Location
                                      {...}
                         number($double)
   getxCoord
                         Horizontal map coordinate
   getyCoord
                         number($double)
                         Vertical map coordinate
   currentUser
                         User
                                 {...}
   softwares
                         integer($int64)
   timestamp
                         Usage: timestamp
   cpuUsage
                         number($double)
                         Usage: CPU usage
   gpuUsage
                         number($double)
                         Usage: GPU usage
   diskUsage
                         number($double)
                         Usage: Disk usage
   ramUsage
                         number($double)
                         Usage: RAM usage
   networkDownUsage
                         number($double)
                         Usage: network download usage
   networkUpUsage
                         number($double)
                         Usage: network upload usage
   powerUsage
                         number($double)
                         Usage: power usage
```

```
uptime integer($int32)

Usage: uptime (seconds)

status integer($int32)

Machine status (0 - off, 1 - on, 2 - unavailable)
}
```

```
AlarmSeen
                        string
                        Alarm ID
                        boolean
   seen
                        Desired seen status
}
Alarm
          {
   id
                         string
                        Identifier
   machineId
                        integer($int64)
                        Machine ID
   userId
                        integer($int64)
                        User ID
   message
                        string
                        Message content
   seen
                        boolean
                        Seen status
   type
                        string
                        Alert type (INFO / WARNING / EMERGENCY)
                        integer($int64)
   timestamp
                        Timestamp
}
```

```
MachineUsage
                         string
                         Identifier
   machineId
                         integer($int64)
                        Machine ID
   userId
                         integer($int64)
                         User ID
   timestamp
                         integer($int64)
                         Timestamp
                         number($double)
   cpuUsage
                         CPU usage
                         number($double)
   gpuUsage
                         GPU usage
   networkUpUsage
                         number($double)
                         Network upload usage
   networkDownUsage
                         number($double)
                         Network download usage
   powerUsage
                         number($double)
                         Power usage
   diskUsage
                         number($double)
                         Disk usage
                         number($double)
   ramUsage
                         RAM usage
                         integer($int32)
   uptime
                         Uptime
   softwareUsage
                             [...]
                         number($double)
   cpuTemp
                         CPU temperature
   gpuTemp
                         number($double)
                         GPU temperature
```

}

25/01/2022, 11:02 24 of 26

}

```
Session
   id
                         string
                         Identifier
   machineId
                        integer($int64)
                        Machine ID
   userId
                         integer($int64)
                        User ID
   timestampStart
                        integer($int64)
                        Session beginning timestamp
   timestampEnd
                         integer($int64)
                         Session end timestamp
   updateCount
                         integer($int32)
                        Number of times updated with usages
   avgCpuUsage
                        number($double)
                        Average CPU usage
   avgGpuUsage
                        number($double)
                        Average GPU usage
   avgNetDownUsage
                        number($double)
                        Average network download usage
   avgNetUpUsage
                        number($double)
                        Average network upload usage
   avgPowerUsage
                         number($double)
                        Average power usage
   avgDiskUsage
                        number($double)
                        Average disk usage
                        number($double)
   avgRamUsage
                        Average RAM usage
   softwareUsed
                            [...]
```

25/01/2022, 11:02 25 of 26

```
PageAlarm
   totalElements
                        integer($int64)
   totalPages
                        integer($int32)
   sort
                        Sort
                                {...}
   first
                        boolean
   last
                        boolean
   numberOfElements
                        integer($int32)
   pageable
                        PageableObject
                                            {...}
                        integer($int32)
   size
   content
                            [...]
   number
                        integer($int32)
   empty
                        boolean
PageableObject
   sort
                        Sort
                               {...}
                        integer($int32)
   pageNumber
   pageSize
                        integer($int32)
   paged
                        boolean
   unpaged
                        boolean
   offset
                        integer($int64)
}
Sort
      {
                        boolean
   sorted
   unsorted
                        boolean
                        boolean
   empty
```