

/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": "2022-01-16T20:32:09.446Z",
    "registerDate": "2022-01-16T20:32:09.446Z"
}
]
```

```
/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": "2022-01-16T20:32:09.377Z",
   "registerDate": "2022-01-16T20:32:09.377Z"
}
Responses
                                                                                            Links
Code
             Description
200
                                                                                            No links
             User added.
             Media type
                */*
             Controls Accept header.
             Example Value Schema
              {
                "id": 0,
                "name": "string",
                "email": "string",
                "birthdate": "2022-01-16T20:32:09.447Z",
```

```
Code Description Links

"registerDate": "2022-01-16T20:32:09.447Z"
}
```

```
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
                  },
                  "getxCoord": 0,
                  "getyCoord": 0,
                  "currentUser": {
                    "id": 0,
                    "name": "string",
                    "email": "string",
                    "birthdate": "2022-01-16T20:32:09.451Z",
                    "registerDate": "2022-01-16T20:32:09.451Z"
                  "softwares": [
                      "id": 0,
                      "name": "string",
                      "type": "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",
    "os": "string",
```

```
"name": "string",
"location": {
  "id": 0
"getxCoord": 0,
"getyCoord": 0,
"currentUser": {
  "id": 0,
  "name": "string",
  "email": "string",
  "birthdate": "2022-01-16T20:32:09.389Z",
  "registerDate": "2022-01-16T20:32:09.389Z"
},
"softwares": [
  {
    "id": 0,
    "name": "string",
    "type": "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
},
"getxCoord": 0,
"getyCoord": 0,
"currentUser": {
  "id": 0,
  "name": "string",
  "email": "string",
  "birthdate": "2022-01-16T20:32:09.454Z",
  "registerDate": "2022-01-16T20:32:09.454Z"
},
"softwares": [
```

```
Code Description Links

{
    "id": 0,
    "name": "string",
    "type": "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
              ]
```

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

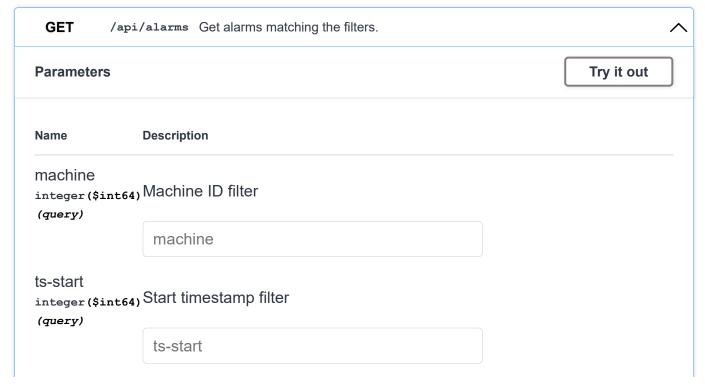
Parameters

No parameters

Request body required

application/json
```

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



```
Description
Name
ts-end
integer ($int64) End timestamp filter
(query)
                   ts-end
Responses
Code
             Description
                                                                                              Links
200
                                                                                              No links
             Alarms found.
             Media type
                */*
             Controls Accept header.
             Example Value Schema
              [
                  "id": "string",
                   "machineId": 0,
                  "userId": 0,
"message": "string",
                   "seen": true,
                   "type": "string",
                   "timestamp": 0
              ]
```

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

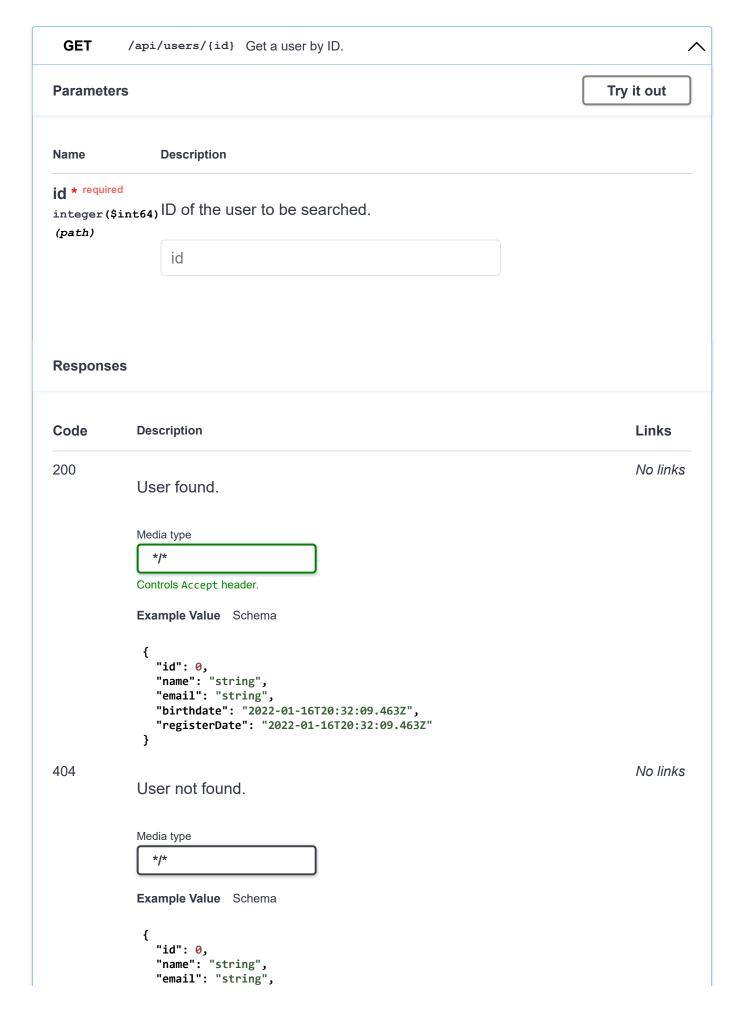
Parameters

No parameters

Request body required

Example Value Schema
```

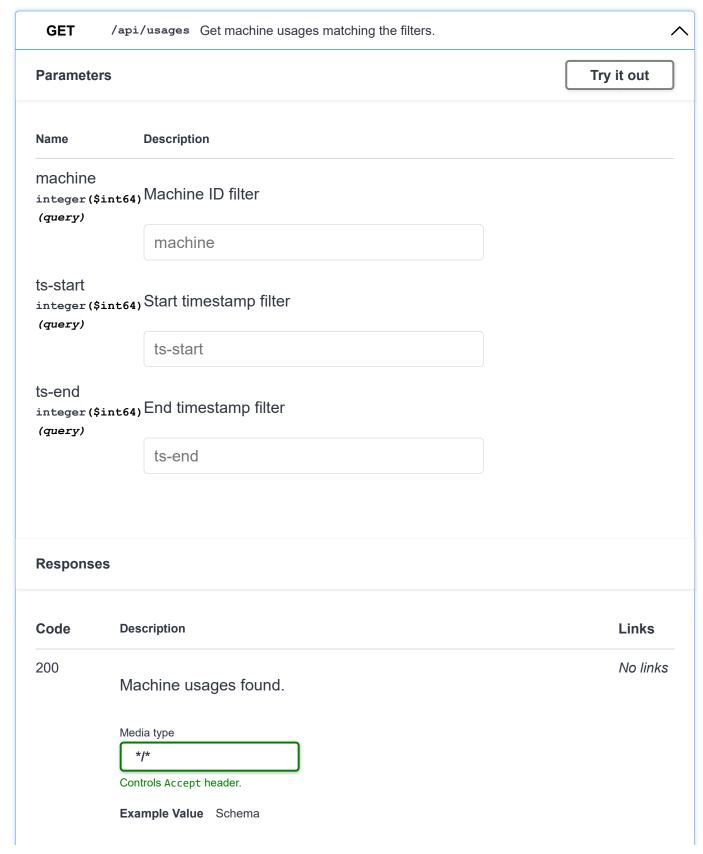
```
"id": "string",
   "seen": true
Responses
Code
             Description
                                                                                             Links
200
                                                                                             No links
             Alarm status 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
              }
```



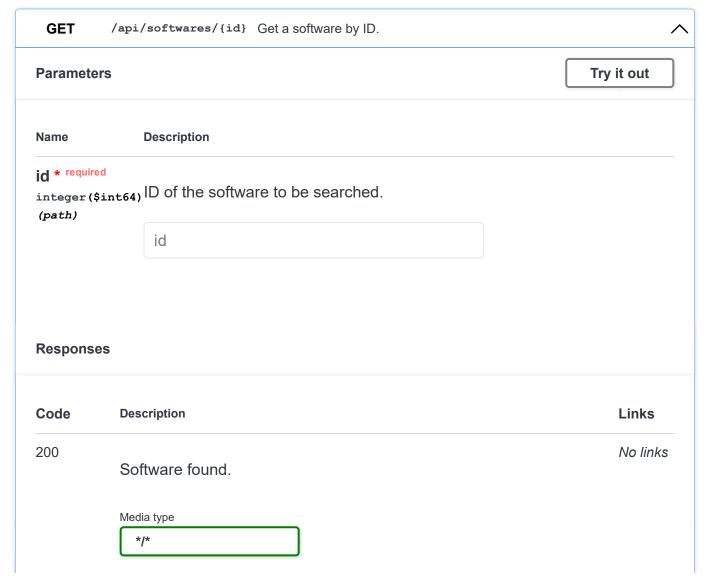
```
Code Description Links

"birthdate": "2022-01-16T20:32:09.464Z",

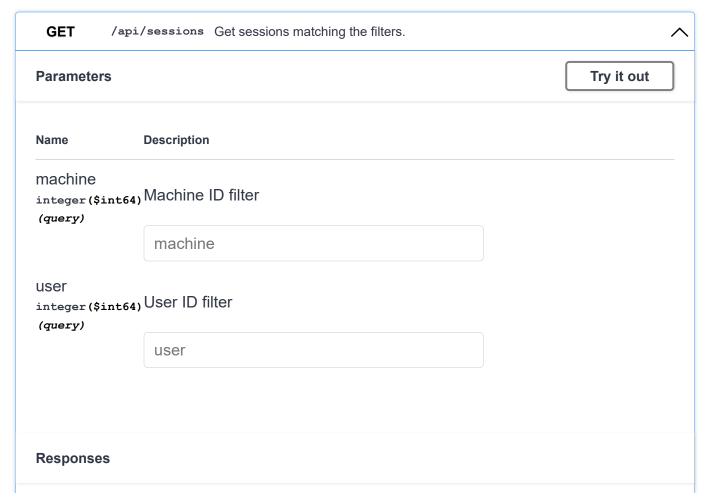
"registerDate": "2022-01-16T20:32:09.464Z"
}
```



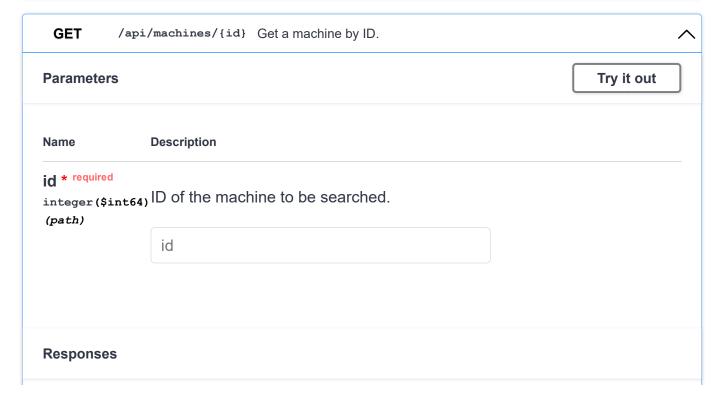
```
Code
             Description
                                                                                           Links
              [
                  "id": "string",
                  "machineId": 0,
                  "userId": 0,
                  "timestampStart": 0,
               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



```
Code
             Description
                                                                                            Links
             Controls Accept header.
             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"
              }
```

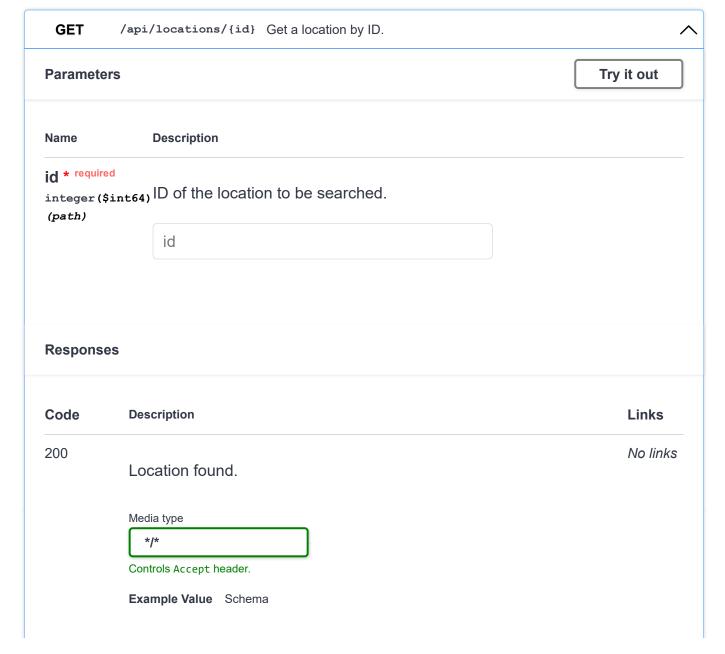


```
Code
             Description
                                                                                            Links
                                                                                            No links
200
             Sessions found.
             Media type
               */*
             Controls Accept header.
             Example Value Schema
              Γ
                  "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 Description Links 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 }, "getxCoord": 0, "getyCoord": 0, "currentUser": { "id": 0, "name": "string", "email": "string", "birthdate": "2022-01-16T20:32:09.473Z", "registerDate": "2022-01-16T20:32:09.473Z" }, "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": {

```
Code
             Description
                                                                                           Links
                  "id": 0
                "getxCoord": 0,
                "getyCoord": 0,
                "currentUser": {
                  "id": 0,
                  "name": "string",
                  "email": "string",
                  "birthdate": "2022-01-16T20:32:09.477Z",
                  "registerDate": "2022-01-16T20:32:09.477Z"
               },
"softwares": [
                    "id": 0,
                    "name": "string",
                    "type": "string"
                  }
```



```
Code Description

{
    "id": 0
}

404

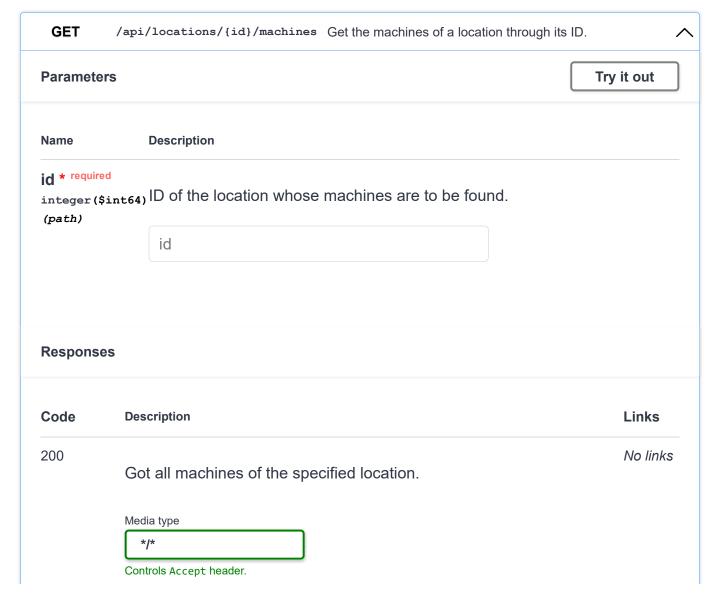
Location not found.

Media type

*/*

Example Value Schema

{
    "id": 0
}
```



```
Code
                                                                                           Links
              Description
              Example Value Schema
               [
                   "id": 0,
                   "cpu": "string",
                   "gpu": "string",
                   "ram": "string",
                   "disk": "string",
                   "os": "string",
                   "name": "string",
                   "location": {
                     "id": 0
                   },
                   "getxCoord": 0,
                   "getyCoord": 0,
                   "currentUser": {
                     "id": 0,
                     "name": "string",
                     "email": "string",
                     "birthdate": "2022-01-16T20:32:09.482Z",
                     "registerDate": "2022-01-16T20:32:09.482Z"
                   "softwares": [
                     {
                       "id": 0,
                       "name": "string",
                       "type": "string"
 404
                                                                                           No links
              Location not found.
Schemas
              Media type
    User
                               integer($int64)
        id
                               Identifier
        name
                               string
                               Real name
        email
                               string
                               Email address
       birthdate
                               string($date-time)
                               Birthdate
        registerDate
                               string($date-time)
                               Registration date
    }
                     "email": "string",
                     "birthdate": "2022-01-16T20:32:09.485Z",
                     "registerDate": "2022-01-16T20:32:09.485Z"
```

```
Software
             {
                        integer($int64)
   id
                        Identifier
                        string
   name
                        Name
   type
                        string
                        Type
}
Location
   description:
                        Location (cafe)
   id
                        integer($int64)
                        Identifier
}
```

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

```
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
                            [...]
}
```