

service.get

Description

integer/array `service.get(object parameters)`

The method allows to retrieve services according to the given parameters.

Parameters

(object) Parameters defining the desired output.

The method supports the following parameters.

Parameter	Type	Description
serviceids	string/array	Return only services with the given IDs.
parentids	string/array	Return only services with the given hard-dependent parent services.
childids	string/array	Return only services that are hard-dependent on the given child services.
selectParent	query	Return a parent property with the hard-dependent parent service.
selectDependencies	query	Return a dependencies property with child service dependencies.
selectParentDependencies	query	Return a parentDependencies property with parent service dependencies.
selectTimes	query	Return a times property with service times.
selectAlarms	query	Return an alarms property with service alarms.
selectTrigger	query	Return a trigger property with the associated trigger.
sortfield	string/array	Sort the result by the given properties. Possible values are: name and sortorder.
countOutput	boolean	These parameters being common for all get methods are described in detail in the reference commentary .
editable	boolean	
excludeSearch	boolean	
filter	object	
limit	integer	
output	query	
preservekeys	boolean	
search	object	
searchByAny	boolean	
searchWildcardsEnabled	boolean	
sortorder	string/array	
startSearch	boolean	

Return values

(integer/array) Returns either:

- an array of objects;
- the count of retrieved objects, if the `countOutput` parameter has been used.

Examples

Retrieving all services

Retrieve all data about all services and their dependencies.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "service.get",
  "params": {
    "output": "extend",
    "selectDependencies": "extend"
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": [
    {
      "serviceid": "2",
      "name": "Server 1",
      "status": "0",
      "algorithm": "1",
      "triggerid": "0",
      "showsla": "1",
      "goodsla": "99.9000",
      "sortorder": "0",
      "dependencies": []
    },
    {
      "serviceid": "3",
      "name": "Data center 1",
      "status": "0",
      "algorithm": "1",

```

```
        "triggerid": "0",
        "showsla": "1",
        "goodsla": "99.9000",
        "sortorder": "0",
        "dependencies": [
            {
                "linkid": "11",
                "serviceupid": "3",
                "servicedownid": "2",
                "soft": "0",
                "sortorder": "0",
                "serviceid": "2"
            },
            {
                "linkid": "10",
                "serviceupid": "3",
                "servicedownid": "5",
                "soft": "0",
                "sortorder": "1",
                "serviceid": "5"
            }
        ]
    },
    {
        "serviceid": "5",
        "name": "Server 2",
        "status": "0",
        "algorithm": "1",
        "triggerid": "0",
        "showsla": "1",
        "goodsla": "99.9900",
        "sortorder": "1",
        "dependencies": []
    }
],
    "id": 1
}
```

Source

CService::get() in *frontends/php/include/classes/api/services/CService.php*.

From:

<https://www.zabbix.com/documentation/4.4/> - **Zabbix Documentation 4.4**

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Last update: **2019/07/19 11:57**



