

dhost.get

Description

integer/array dhost.get(object **parameters**)

The method allows to retrieve discovered hosts according to the given parameters.

Parameters

(object) Parameters defining the desired output.

The method supports the following parameters.

Parameter	Type	Description
dhostids	string/array	Return only discovered hosts with the given IDs.
druleids	string/array	Return only discovered hosts that have been created by the given discovery rules.
dserviceids	string/array	Return only discovered hosts that are running the given services.
selectDRules	query	Return the discovery rule that detected the host as an array in the drules property.
selectDServices	query	Return the discovered services running on the host in the dservices property. Supports count.
limitSelects	integer	Limits the number of records returned by subselects. Applies to the following subselects: selectDServices - results will be sorted by dserviceid.
sortfield	string/array	Sort the result by the given properties. Possible values are: dhostid and druleid.
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

Retrieve discovered hosts by discovery rule

Retrieve all hosts and the discovered services they are running that have been detected by discovery rule "4".

Request:

```
{
  "jsonrpc": "2.0",
  "method": "dhost.get",
  "params": {
    "output": "extend",
    "selectDServices": "extend",
    "druleids": "4"
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": [
    {
      "dservices": [
        {
          "dserviceid": "1",
          "dhostid": "1",
          "type": "4",
          "key_": "",
          "value": "",
          "port": "80",
          "status": "0",
          "lastup": "1337697227",
          "lastdown": "0",
          "dcheckid": "5",
          "ip": "192.168.1.1",
          "dns": "station.company.lan"
        }
      ]
    }
  ]
}
```

```
    }
  ],
  "dhostid": "1",
  "druleid": "4",
  "status": "0",
  "lastup": "1337697227",
  "lastdown": "0"
},
{
  "dservices": [
    {
      "dserviceid": "2",
      "dhostid": "2",
      "type": "4",
      "key_": "",
      "value": "",
      "port": "80",
      "status": "0",
      "lastup": "1337697234",
      "lastdown": "0",
      "dcheckid": "5",
      "ip": "192.168.1.4",
      "dns": "john.company.lan"
    }
  ],
  "dhostid": "2",
  "druleid": "4",
  "status": "0",
  "lastup": "1337697234",
  "lastdown": "0"
},
{
  "dservices": [
    {
      "dserviceid": "3",
      "dhostid": "3",
      "type": "4",
      "key_": "",
      "value": "",
      "port": "80",
      "status": "0",
      "lastup": "1337697234",
      "lastdown": "0",
      "dcheckid": "5",
      "ip": "192.168.1.26",
      "dns": "printer.company.lan"
    }
  ],
  "dhostid": "3",
  "druleid": "4",
  "status": "0",
```

```
    "lastup": "1337697234",
    "lastdown": "0"
  },
  {
    "dservices": [
      {
        "dserviceid": "4",
        "dhostid": "4",
        "type": "4",
        "key_": "",
        "value": "",
        "port": "80",
        "status": "0",
        "lastup": "1337697234",
        "lastdown": "0",
        "dcheckid": "5",
        "ip": "192.168.1.7",
        "dns": "mail.company.lan"
      }
    ],
    "dhostid": "4",
    "druleid": "4",
    "status": "0",
    "lastup": "1337697234",
    "lastdown": "0"
  }
],
"id": 1
}
```

See also

- [Discovered service](#)
- [Discovery rule](#)

Source

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

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Permanent link: <https://www.zabbix.com/documentation/3.4/manual/api/reference/dhost/get>

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