

# dhost.get

## 描述

整数/数组 `dhost.get(对象 参数)`

该方法允许根据给定的参数检索已发现的主机

## 参数

(对象) 定义所需输出的参数

该方法支持以下参数:

参数	类型	描述
<code>dhostids</code>	string/array	只返回给定ID的已发现主机.
<code>druleids</code>	string/array	只返回给定发现规则(ID)创建的已发现主机.
<code>dserviceids</code>	string/array	只返回正在运行给定服务(ID)的已发现主机.
<code>selectDRules</code>	query	将探测到主机的发现规则作为 <code>drules</code> 属性中的数组返回.
<code>selectDServices</code>	query	将主机上已发现的服务作为 <code>dservices</code> 属性返回. 支持 <code>count</code> .
<code>limitSelects</code>	integer	限制子选项返回的记录数. 适用于以下子选项: <code>selectDServices</code> - 结果按照 <code>dserviceid</code> .
<code>sortfield</code>	string/array	按照给定的属性对结果进行排序. 可能的值: <code>dhostid</code> 和 <code>druleid</code> .
<code>countOutput</code>	flag	下面这些参数的 <code>get</code> 方法在 <a href="#">reference commentary</a> 里面有详细说明.
<code>editable</code>	boolean	
<code>excludeSearch</code>	flag	
<code>filter</code>	object	
<code>limit</code>	integer	
<code>output</code>	query	
<code>preservekeys</code>	flag	
<code>search</code>	object	
<code>searchByAny</code>	boolean	
<code>searchWildcardsEnabled</code>	boolean	
<code>sortorder</code>	string/array	
<code>startSearch</code>	flag	

## 返回值

(integer/array) 返回:

- 对象数组;
- 如果使用了countOutput参数, 将返回对象的计数.

## 示例

### 获取通过发现规则发现的主机

获取所有被ID为4的发现规则发现的所有主机及其上正在运行的服务

请求:

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

响应:

```
{
  "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
}
```

## 参考

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

## 来源

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

From:

<https://www.zabbix.com/documentation/3.4/> - **Zabbix Documentation 3.4**

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

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