

hostinterface.get

Description

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

The method allows to retrieve host interfaces according to the given parameters.

Parameters

(object) Parameters defining the desired output.

The method supports the following parameters.

Parameter	Type	Description
hostids	string/array	Return only host interfaces used by the given hosts.
interfaceids	string/array	Return only host interfaces with the given IDs.
itemids	string/array	Return only host interfaces used by the given items.
triggerids	string/array	Return only host interfaces used by items in the given triggers.
selectItems	query	Return the items that use the interface in the <code>items</code> property. Supports <code>count</code> .
selectHosts	query	Return the host that uses the interface as an array in the <code>hosts</code> property.
limitSelects	integer	Limits the number of records returned by subselects. Applies to the following subselects: <code>selectItems</code> .
sortfield	string/array	Sort the result by the given properties. Possible values are: <code>interfaceid</code> , <code>dns</code> , <code>ip</code> .
countOutput	boolean	These parameters being common for all get methods are described in detail in the reference commentary page.
editable	boolean	
excludeSearch	boolean	
filter	object	
limit	integer	
nodeids	string/array	
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 host interfaces

Retrieve all data about the interfaces used by host "30057."

Request:

```
{
  "jsonrpc": "2.0",
  "method": "hostinterface.get",
  "params": {
    "output": "extend",
    "hostids": "30057"
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": [
    {
      "interfaceid": "30050",
      "hostid": "30057",
      "main": "1",
      "type": "1",
      "useip": "1",
      "ip": "127.0.0.1",
      "dns": "",
      "port": "10050",
      "bulk": "1"
    },
    {
      "interfaceid": "30067",
      "hostid": "30057",
      "main": "0",
      "type": "1",

```

```
        "useip": "0",
        "ip": "",
        "dns": "localhost",
        "port": "10050",
        "bulk": "1"
    },
    {
        "interfaceid": "30068",
        "hostid": "30057",
        "main": "1",
        "type": "2",
        "useip": "1",
        "ip": "127.0.0.1",
        "dns": "",
        "port": "161",
        "bulk": "1"
    }
],
"id": 1
}
```

See also

- [Host](#)
- [Item](#)

Source

`CHostInterface::get()` in `frontends/php/include/classes/api/services/CHostInterface.php`.

From:

<https://www.zabbix.com/documentation/4.0/> - **Zabbix Documentation 4.0**

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<https://www.zabbix.com/documentation/4.0/manual/api/reference/hostinterface/get>

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