

# host.create

## Description

object `host.create(object/array hosts)`

This method allows to create new hosts.

## Parameters

(object/array) Hosts to create.

Additionally to the [standard host properties](#), the method accepts the following parameters.

Parameter	Type	Description
<b>groups</b> (required)	object/array	Host groups to add the host to. The host groups must have the <code>groupid</code> property defined.
<b>interfaces</b> (required)	object/array	Interfaces to be created for the host.
templates	object/array	Templates to be linked to the host. The templates must have the <code>templateid</code> property defined.
macros	object/array	User macros to be created for the host.
inventory	object	Host inventory properties.

## Return values

(object) Returns an object containing the IDs of the created hosts under the `hostids` property. The order of the returned IDs matches the order of the passed hosts.

## Examples

### Creating a host

Create a host called "Linux server" with an IP interface, add it to a group, link a template to it and set the MAC addresses in the host inventory.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "host.create",
  "params": {
    "host": "Linux server",
    "interfaces": [
```

```
{
  "type": 1,
  "main": 1,
  "useip": 1,
  "ip": "192.168.3.1",
  "dns": "",
  "port": "10050"
},
"groups": [
  {
    "groupid": "50"
  }
],
"templates": [
  {
    "templateid": "20045"
  }
],
"macros": [
  {
    "macro": "{$USER_ID}",
    "value": "123321"
  }
],
"inventory_mode": 0,
"inventory": {
  "macaddress_a": "01234",
  "macaddress_b": "56768"
}
},
"auth": "038e1d7b1735c6a5436ee9eae095879e",
"id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "hostids": [
      "107819"
    ]
  },
  "id": 1
}
```

## See also

- [Host group](#)
- [Template](#)
- [User macro](#)
- [Host interface](#)
- [Host inventory](#)

## Source

CHost::create() in *frontends/php/include/classes/api/services/CHost.php*.

From:

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

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Last update: **2019/01/28 14:50**

