

# host.massadd

## Description

object host.massadd(object **parameters**)

This method allows to simultaneously add multiple related objects to all the given hosts.

## Parameters

(object) Parameters containing the IDs of the hosts to update and the objects to add to all the hosts.

The method accepts the following parameters.

Parameter	Type	Description
<b>hosts</b> (required)	object/array	Hosts to be updated. The hosts must have the <code>hostid</code> property defined.
groups	object/array	Host groups to add to the given hosts. The host groups must have the <code>groupid</code> property defined.
interfaces	object/array	<a href="#">Host interfaces</a> to be created for the given hosts.
macros	object/array	<a href="#">User macros</a> to be created for the given hosts.
templates	object/array	Templates to link to the given hosts. The templates must have the <code>templateid</code> property defined.

## Return values

(object) Returns an object containing the IDs of the updated hosts under the `hostids` property.

## Examples

### Adding macros

Add two new macros to two hosts.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "host.massadd",
  "params": {
    "hosts": [
      {
```

```
        "hostid": "10160"
      },
      {
        "hostid": "10167"
      }
    ],
    "macros": [
      {
        "macro": "{$TEST1}",
        "value": "MACROTEST1"
      },
      {
        "macro": "{$TEST2}",
        "value": "MACROTEST2",
        "description": "Test description"
      }
    ]
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "hostids": [
      "10160",
      "10167"
    ]
  },
  "id": 1
}
```

## See also

- [host.update](#)
- [Host group](#)
- [Template](#)
- [User macro](#)
- [Host interface](#)

## Source

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

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