

# host.update

## Description

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

This method allows to update existing hosts.

## Parameters

(object/array) Host properties to be updated.

The `hostid` property must be defined for each host, all other properties are optional. Only the given properties will be updated, all others will remain unchanged.

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

Parameter	Type	Description
groups	object/array	Host groups to replace the current host groups the host belongs to. The host groups must have the <code>groupid</code> property defined. All host groups that are not listed in the request will be unlinked.
interfaces	object/array	Host interfaces to replace the current host interfaces. All interfaces that are not listed in the request will be removed.
inventory	object	Host inventory properties.
macros	object/array	User macros to replace the current user macros. All macros that are not listed in the request will be removed.
templates	object/array	Templates to replace the currently linked templates. All templates that are not listed in the request will be only unlinked. The templates must have the <code>templateid</code> property defined.
templates_clear	object/array	Templates to unlink and clear from the host. The templates must have the <code>templateid</code> property defined.

As opposed to the Zabbix frontend, when name (visible host name) is the same as host (technical host name), updating host via API will not automatically update name. Both properties need to be updated explicitly.

## Return values

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

## Examples

## Enabling a host

Enable host monitoring, i.e. set its status to 0.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "host.update",
  "params": {
    "hostid": "10126",
    "status": 0
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "hostids": [
      "10126"
    ]
  },
  "id": 1
}
```

## Unlinking templates

Unlink and clear two templates from host.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "host.update",
  "params": {
    "hostid": "10126",
    "templates_clear": [
      {
        "templateid": "10124"
      },
      {
        "templateid": "10125"
      }
    ]
  }
}
```

```
    ],
    "auth": "038e1d7b1735c6a5436ee9eae095879e",
    "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "hostids": [
      "10126"
    ]
  },
  "id": 1
}
```

## Updating host macros

Replace all host macros with two new ones.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "host.update",
  "params": {
    "hostid": "10126",
    "macros": [
      {
        "macro": "{$PASS}",
        "value": "password"
      },
      {
        "macro": "{$DISC}",
        "value": "sda"
      }
    ]
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
```

```
"result": {
  "hostids": [
    "10126"
  ]
},
"id": 1
}
```

## Updating host inventory

Change inventory mode and add location

Request:

```
{
  "jsonrpc": "2.0",
  "method": "host.update",
  "params": {
    "hostid": "10387",
    "inventory_mode": 0,
    "inventory": {
      "location": "Latvia, Riga"
    }
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "hostids": [
      "10387"
    ]
  },
  "id": 2
}
```

## See also

- [host.massadd](#)
- [host.massupdate](#)
- [host.massremove](#)
- [Host group](#)

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

## Source

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

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