

# maintenance.create

## Description

object `maintenance.create(object/array maintenances)`

This method allows to create new maintenances.

## Parameters

(object/array) Maintenances to create.

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

Parameter	Type	Description
<b>groupids</b> (required)	array	IDs of the host groups that will undergo maintenance.
<b>hostids</b> (required)	array	IDs of the hosts that will undergo maintenance.
<b>timeperiods</b> (required)	array	Maintenance <a href="#">time periods</a> .
tags	array	<a href="#">Problem tags</a> . Define what problems must be suppressed. If no tags are given, all active maintenance host problems will be suppressed.

At least one host or host group must be defined for each maintenance.

## Return values

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

## Examples

### Creating a maintenance

Create a maintenance with data collection for host group "2" with problem tags **service:mysql** and **error**. It must be active from 22.01.2013 till 22.01.2014, come in effect each Sunday at 18:00 and last for one hour.

Request:

```
{  
  "jsonrpc": "2.0",  
  "method": "maintenance.create",
```

```
"params": {
  "name": "Sunday maintenance",
  "active_since": 1358844540,
  "active_till": 1390466940,
  "tags_evaltype": 0,
  "groupids": [
    "2"
  ],
  "timeperiods": [
    {
      "timeperiod_type": 3,
      "every": 1,
      "dayofweek": 64,
      "start_time": 64800,
      "period": 3600
    }
  ],
  "tags": [
    {
      "tag": "service",
      "operator": "=",
      "value": "mysqld",
    },
    {
      "tag": "error",
      "operator": "<2",
      "value": ""
    }
  ]
},
"auth": "038e1d7b1735c6a5436ee9eae095879e",
"id": 1
}
```

#### Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "maintenanceids": [
      "3"
    ]
  },
  "id": 1
}
```

## See also

- [Time period](#)

## Source

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

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