

# discoveryrule.update

## Description

object `discoveryrule.update(object/array LLDRules)`

This method allows to update existing LLD rules.

## Parameters

(object/array) LLD rule properties to be updated.

The `itemid` property must be defined for each LLD rule, all other properties are optional. Only the passed properties will be updated, all others will remain unchanged.

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

Parameter	Type	Description
filter	object	LLD rule filter object to replace the current filter.
preprocessing	array	LLD rule preprocessing options to replace the current preprocessing options.

## Return values

(object) Returns an object containing the IDs of the updated LLD rules under the `itemids` property.

## Examples

### Adding a filter to an LLD rule

Add a filter so that the contents of the `{#FSTYPE}` macro would match the `@File systems for discovery` regexp.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "discoveryrule.update",
  "params": {
    "itemid": "22450",
    "filter": {
      "evaltype": 1,
      "conditions": [
        {
          "macro": "{#FSTYPE}",
          "value": "@File systems for discovery"
        }
      ]
    }
  }
}
```

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

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "itemids": [
      "22450"
    ]
  },
  "id": 1
}
```

## Adding LLD macro paths

Request:

```
{
  "jsonrpc": "2.0",
  "method": "discoveryrule.update",
  "params": {
    "itemid": "22450",
    "lld_macro_paths": [
      {
        "lld_macro": "{#MACR01}",
        "path": "$.json.path"
      }
    ]
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "itemids": [
```

```
        "22450"
      ],
    },
    "id": 1
  }
```

## Disable trapping

Disable LLD trapping for discovery rule.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "discoveryrule.update",
  "params": {
    "itemid": "28336",
    "allow_traps": "0"
  },
  "id": 36,
  "auth": "d678e0b85688ce578ff061bd29a20d3b"
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "itemids": [
      "28336"
    ]
  },
  "id": 36
}
```

## Updating LLD rule preprocessing options

Update an LLD rule with preprocessing rule "JSONPath".

Request:

```
{
  "jsonrpc": "2.0",
  "method": "discoveryrule.update",
  "params": {
    "itemid": "44211",
```

```
    "preprocessing": [
      {
        "type": "12",
        "params": "$.path.to.json",
        "error_handler": "2",
        "error_handler_params": "5"
      }
    ],
    "auth": "700ca65537074ec963db7efabda78259",
    "id": 1
  }
```

## Response:

```
{
  "jsonrpc": "2.0",
  "result": {
    "itemids": [
      "44211"
    ]
  },
  "id": 1
}
```

## Source

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

From: <https://www.zabbix.com/documentation/4.2/> - **Zabbix Documentation 4.2**

Permanent link: <https://www.zabbix.com/documentation/4.2/manual/api/reference/discoveryrule/update>

Last update: **2019/12/12 06:37**

