

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
<code>filter</code>	object	LLD rule filter object to replace the current filter.
<code>preprocessing</code>	array	LLD rule preprocessing options to replace the current preprocessing options.
<code>lld_macro_paths</code>	array	LLD rule lld_macro_path 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": "#{MACRO1}",
        "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*.

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