

action.get

Description

integer/array `action.get(object parameters)`

The method allows to retrieve actions according to the given parameters.

Parameters

(object) Parameters defining the desired output.

The method supports the following parameters.

Parameter	Type	Description
actionids	string/array	Return only actions with the given IDs.
groupids	string/array	Return only actions that use the given host groups in action conditions.
hostids	string/array	Return only actions that use the given hosts in action conditions.
triggerids	string/array	Return only actions that use the given triggers in action conditions.
mediatypeids	string/array	Return only actions that use the given media types to send messages.
usrgrpids	string/array	Return only actions that are configured to send messages to the given user groups.
userids	string/array	Return only actions that are configured to send messages to the given users.
scriptids	string/array	Return only actions that are configured to run the given scripts.
selectFilter	query	Returns the action filter in the <code>filter</code> property.
selectOperations	query	Return action operations in the <code>operations</code> property.
sortfield	string/array	Sort the result by the given properties. Possible values are: <code>actionid</code> , <code>name</code> and <code>status</code> .
countOutput	flag	These parameters being common for all get methods are described in the reference commentary .
editable	boolean	
excludeSearch	flag	
filter	object	
limit	integer	
output	query	
preservekeys	flag	
search	object	
searchByAny	boolean	
searchWildcardsEnabled	boolean	
sortorder	string/array	
startSearch	flag	

Return values

(integer/array) Returns either:

- an array of objects;
- the count of retrieved objects, if the countOutput parameter has been used.

Examples

Retrieve discovery actions

Retrieve all configured discovery actions together with action conditions and operations. The filter uses the "and" evaluation type, so the formula property is empty and eval_formula is generated automatically.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "action.get",
  "params": {
    "output": "extend",
    "selectOperations": "extend",
    "selectFilter": "extend",
    "filter": {
      "eventsource": 1
    }
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": [
    {
      "actionid": "2",
      "name": "Auto discovery. Linux servers.",
      "eventsource": "1",
      "status": "1",
      "esc_period": "0",
      "def_shortdata": "",
      "def_longdata": "",
      "recovery_msg": "0",
      "r_shortdata": "",
      "r_longdata": ""
    }
  ]
}
```

```
"filter": {
  "evaltype": "0",
  "formula": "",
  "conditions": [
    {
      "conditiontype": "10",
      "operator": "0",
      "value": "0",
      "formulaid": "B"
    },
    {
      "conditiontype": "8",
      "operator": "0",
      "value": "9",
      "formulaid": "C"
    },
    {
      "conditiontype": "12",
      "operator": "2",
      "value": "Linux",
      "formulaid": "A"
    }
  ],
  "eval_formula": "A and B and C"
},
"operations": [
  {
    "operationid": "1",
    "actionid": "2",
    "operationtype": "6",
    "esc_period": "0",
    "esc_step_from": "1",
    "esc_step_to": "1",
    "evaltype": "0",
    "opconditions": [],
    "optemplate": [
      {
        "operationid": "1",
        "templateid": "10001"
      }
    ]
  },
  {
    "operationid": "2",
    "actionid": "2",
    "operationtype": "4",
    "esc_period": "0",
    "esc_step_from": "1",
    "esc_step_to": "1",
    "evaltype": "0",
    "opconditions": [],
  }
]
```

```
    "opgroup": [  
      {  
        "operationid": "2",  
        "groupid": "2"  
      }  
    ],  
    "id": 1  
  }  
}
```

See also

- [Action filter](#)
- [Action operation](#)

Source

CAction::get() in *frontends/php/include/classes/api/services/CAction.php*.

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