

# Get List of Autoscaling Rules for VS

## GET /virtual\_machines/:virtual\_machine\_id/auto\_scaling

### API Essentials

*Gets autoscaling rules for specified VS*

### API Key Generation

### Autoscaling

- Add Autoscaling Rules
- Get List of Autoscaling Rules for VS
- Remove Autoscaling Rules

### Sections:

- Response Parameters
- JSON Request example
- JSON Response
- XML Request example
- XML Response example

### Backups

- Add/Edit Note
- Convert Backup to Template
- Create Backup
- Delete Backup
- Get List of All VS Backups
- Get List of Incremental Backups
- Get List of Normal Backups
- Restore Disk from Backup

### Response Parameters

*adjust\_units* - the amount of resource units which the system should add/remove if the rule is met

*created\_at* - the date when the record in DB was created

*for\_minutes* - the time threshold before scaling will be triggered

*id* - the ID of the rule

*limit\_trigger* - the amount of the resource usage (%). If this value is reached by the VS for the period specified by the *for\_minutes* parameter, the system will add/remove the amount of units set by the *adjust\_units* parameters

*resource* - the resource for which the rule is created (memory/cpu/disk)

*scale\_type* - the autoscale option for this rule: up or down

*up\_to* - the amount of resource which cannot be exceeded within 24 hours period

*updated\_at* - the date when the record in DB was updated

*virtual\_machine\_id* - the ID of the VS to which this rule applies

*above* - the amount of the resource usage (%). If this value is reached by the VS during the period specified by the *for\_minutes* parameter, the system will add the amount of units set by the *add\_units* parameters

*add\_units* - the amount of resource units which the system should add if the rule is met

### Credit

- Get Credit

### DNS

- Add DNS Record
- Add DNS Zone
- Delete DNS Record
- Delete DNS Zone
- Edit DNS Record
- Get DNS Zones
- Get List of DNS Zone Records
- Get List of Name Servers

### JSON Request example

```
curl -i -X GET -H 'Accept: application/json' -H 'Content-type: application/json' -u user:userpass --url <api_url>/virtual_machines/:virtual_machine_id/auto_scaling.json
```

### Firewall Rules

- Add Firewall Rule
- Get Firewall Rules
- Update Firewall Rules

### Flex Cloud VM Control

### Getting Started with Superb Flex Cloud

### IP Addresses

- Get IP Address Joins

### JSON Response

```
[  
  {  
    "auto_scaling_configuration": {  
      "adjust_units": 500,  
      "created_at":
```

### Logs

- Get List of Log Items
- Get List of Transactions
- Get list of VS Transaction

### Network Interfaces

- Get VS Network Interfaces
- Rebuild VS Network

## Recipes

- Add Recipe
- Add Recipe Step
- Assign Recipe to Virtual Server
- Delete Recipe
- Delete Recipe Step
- Edit Recipe
- Edit Recipe Step
- Get All Recipes
- Get Recipe Steps
- Get Virtual Server Recipes
- Remove recipe from Virtual Server
- Run Recipe on Multiple Virtual Servers
- Swap Recipe Step Number

## SSH Keys

- Add SSH Key
- Delete SSH Key
- Edit SSH Key
- Get SSH Keys
- Set SSH Keys on VS

## Templates

- Get Templates

## Test Route

## Troubleshooting API

### Issues

## Viewing Activity Logs

## Virtual Server Operating Systems

## Virtual Servers

- Add Virtual Server
- Billing Statistics
- Build Virtual Server
- Delete Virtual Server
- Edit Virtual Server
- Get CPU Usage Statistics
- Get List of Virtual Machines
  - Get specific VM Details
  - Search Virtual Servers by label
- Get statuses for All VMs
  - Get Specific VS Status
- Reboot Virtual Server
- Reset VS Password
- Shutdown Virtual Server
- Startup a Virtual Server
- Stop Virtual Server

```
"2015-08-27T20:31:29+00:00",
  "for_minutes": 5,
  "id": 13,
  "limit_trigger": 60,
  "resource": "memory",
  "scale_type": "up",
  "up_to": 1000,
  "updated_at":
"2015-08-27T20:31:29+00:00",
  "virtual_machine_id": 511,
  "above": 60,
  "add_units": 500
    },
    {
      "auto_scaling_configuration": {
        "adjust_units": 500,
        "created_at":
"2015-08-27T20:31:29+00:00",
        "for_minutes": 5,
        "id": 14,
        "limit_trigger": 30,
        "resource": "memory",
        "scale_type": "down",
        "up_to": null,
        "updated_at":
"2015-08-27T20:31:29+00:00",
        "virtual_machine_id": 511,
        "above": 30,
        "add_units": 500
      }
    },
    {
      "auto_scaling_configuration": {
        "adjust_units": 53,
        "created_at":
"2015-08-27T20:31:29+00:00",
        "for_minutes": 10,
        "id": 15,
        "limit_trigger": 30,
        "resource": "cpu",
        "scale_type": "up",
        "up_to": 70,
        "updated_at":
"2015-08-27T20:31:29+00:00",
        "virtual_machine_id": 511,
        "above": 30,
        "add_units": 53
      }
    },
    {
      "auto_scaling_configuration": {
        "adjust_units": 51,
```

## VS Disks

- Add New Disk
- Delete Disk
- Edit Disk
- Get VS Disks

```
        "created_at":
"2015-08-27T20:31:29+00:00",
        "for_minutes": 5,
        "id": 16,
        "limit_trigger": 30,
        "resource": "cpu",
        "scale_type": "down",
        "up_to": null,
        "updated_at":
"2015-08-27T20:31:29+00:00",
        "virtual_machine_id": 511,
        "above": 30,
        "add_units": 51
    }
},
{
    "auto_scaling_configuration": {
        "adjust_units": 5,
        "created_at":
"2015-08-27T20:31:29+00:00",
        "for_minutes": 15,
        "id": 17,
        "limit_trigger": 30,
        "resource": "disk",
        "scale_type": "up",
        "up_to": 10,
        "updated_at":
"2015-08-27T20:31:29+00:00",
        "virtual_machine_id": 511,
        "above": 30,
        "add_units": 5
    }
},
{
    "auto_scaling_configuration": {
        "adjust_units": null,
        "created_at": null,
        "for_minutes": null,
        "id": null,
        "limit_trigger": null,
        "resource": "disk",
        "scale_type": "down",
        "up_to": null,
        "updated_at": null,
        "virtual_machine_id": 511,
        "above": null,
        "add_units": null
    }
}
```

```
    }  
  }  
]
```

### XML Request example

```
curl -i -X GET -H 'Accept: application/xml' -H  
'Content-type: application/xml' -u  
user:userpass --url  
<api_url>/virtual_machines/:virtual_machine_id/  
auto_scaling.xml
```

### XML Response example

```
<?xml version="1.0" encoding="UTF-8"?>  
<auto_scaling_configurations type="array">  
<auto_scaling_configuration>  
  <adjust_units  
type="integer">10</adjust_units>  
  <created_at  
type="datetime">2015-02-27T16:11:12+02:00</crea  
ted_at>  
  <for_minutes type="integer">5</for_minutes>  
  <id type="integer">6</id>  
  <limit_trigger  
type="integer">10</limit_trigger>  
  <resource>cpu</resource>  
  <scale_type>up</scale_type>  
  <up_to type="integer">50</up_to>  
  <updated_at  
type="datetime">2015-02-27T16:11:12+02:00</upda  
ted_at>  
  <virtual_machine_id  
type="integer">3823</virtual_machine_id>  
  <above type="integer">10</above>  
  <add_units type="integer">10</add_units>  
</auto_scaling_configuration>  
  ...  
<auto_scaling_configuration></auto_scaling_conf  
iguration>  
  ...  
</auto_scaling_configuration>
```