

Add Autoscaling Rules

API Essentials

API Key Generation

Autoscaling

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

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

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

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

Logs

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

Network Interfaces

POST

/virtual_machines/:virtual_machine_id/auto_scaling

Creates a new rule for specified VS

Sections:

- Response Parameters
- JSON Request example
- XML Request example

Disks cannot be scaled down via autoscaling

Request Parameters

*up_to** - the amount of resource which cannot be exceeded within 24 hours period; only for autoscale up rules

*for_minutes** - the time threshold before scaling will be triggered

*trigger_limit** - 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.

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

*enabled** - set 1 to enable, or 0 to disable

cpu/memory/disk - indicate type of resource for which the autoscaling rule is set

Response Parameters

A 201 status is returned on success

JSON Request example

- 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

```
curl -i -X POST -u user:password
<api_url>/virtual_machines/:virtual_machine_id/a
uto_scaling.json -H 'Accept: application/json'
-H 'Content-type: application/json' -d
'auto_scaling_configurations': {
  "up": {
    "cpu": {
      "enabled": "1",
      "for_minutes": "5",
      "limit_trigger": "40",
      "adjust_units": "20",
      "up_to": "100"
    },
    "memory": {
      "enabled": "1",
      "for_minutes": "5",
      "limit_trigger": "90",
      "adjust_units": "128",
      "up_to": "1024"
    },
    "disk": {
      "enabled": "1",
      "for_minutes": "5",
      "limit_trigger": "80",
      "adjust_units": "10",
      "up_to": "20"
    }
  },
  "down": {
    "cpu": {
      "enabled": "1",
      "for_minutes": "5",
      "limit_trigger": "40",
      "adjust_units": "20"
    },
    "memory": {
      "enabled": "1",
      "for_minutes": "5",
      "limit_trigger": "90",
      "adjust_units": "128",
      "up_to": "1024"
    }
  }
}
```

XML Request example

VS Disks

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

```
curl -i -X POST -u user:password
<api_url>/virtual_machines/:virtual_machine_id/a
uto_scaling.xml -H 'Accept: application/xml' -H
'Content-type: application/xml' -d '<?xml
version="1.0" encoding="UTF-8"?>
<auto_scaling_configurations>
  <up>
    <cpu>
      <enabled>1</enabled>
      <for_minutes>5</for_minutes>
      <limit_trigger>40</limit_trigger>
      <adjust_units>20</adjust_units>
      <up_to>100</up_to>
    </cpu>
    <memory>
      <enabled>1</enabled>
      <for_minutes>5</for_minutes>
      <limit_trigger>90</limit_trigger>
      <adjust_units>128</adjust_units>
      <up_to>1024</up_to>
    </memory>
    <disk>
      <enabled>1</enabled>
      <for_minutes>5</for_minutes>
      <limit_trigger>80</limit_trigger>
      <adjust_units>10</adjust_units>
      <up_to>20</up_to>
    </disk>
  </up>
  <down>
    <cpu>
      <enabled>1</enabled>
      <for_minutes>5</for_minutes>
      <limit_trigger>100</limit_trigger>
      <adjust_units>10</adjust_units>
    </cpu>
    <memory>
      <enabled>1</enabled>
      <for_minutes>5</for_minutes>
      <limit_trigger>100</limit_trigger>
      <adjust_units>128</adjust_units>
    </memory>
  </down>
</auto_scaling_configurations>'
```