

Get Templates

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

GET /templates

Returns a list of system templates

GET /templates/own

Returns a list templates that you've created

GET /templates/:template_id

Returns single template

Sections:

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

Response Parameters

allowed_resize_without_reboot – true if resize without reboot is allowed, otherwise false

allowed_hot_migrate – true if hot migration is allowed, otherwise false

allowed_swap – true if swap is allowed, otherwise false

backup_server_id – the ID of the backup server where the template is stored

baremetal_server - true if the baremetal server can be built from this template

cdn – true if this template can be used for building edge servers. Otherwise false.

checksum – file checksum

created_at – the date in the [YYYY][MM][DD]T[hh][mm][ss]Z format

disk_target_device – the prefix indicating the method of translating the disk to a VS by hypervisor

ext4 - true if ext4 file system is supported

file_name – the name of the template file

id – ID of template

initial_password - the password set for the VS built on this template

initial_username - the username set for the VS built on this template

label – the template title

manager_id - ID of the template on the template server

min_disk_size – minimum disk size required to build a VS on this template (GB)

min_memory_size – minimum memory size required to build a VS on this template (MB)

operating_system – operating system name

operating_system_arch – architecture of the operating system

operating_system_distro – operating system distribution

- Get VS Network Interfaces
- Rebuild VS Network

operating_system_edition – edition of the OS

operating_system_tail – tail of the OS

parent_template_id – true if this is a system template

remote_id - ID of the template, if it came from the market

resize_without_reboot_policy - all specifically tested templates (all newly added templates and some of the most frequently used ones) will have this parameter which indicates the hot resize possibility for a particular template considering its OS version and virtualization type:

```
"resize_without_reboot_policy":
{
  "xen": {
    "centos5": 15,
    "centos6": 15
  },
  "kvm": {
    "centos5": 12,
    "centos6": 12
  }
}
```

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

The indicated integer is a decimal representation of a 4-bit binary code, which indicates whether CPU or RAM can (1) or cannot (0) be resized without reboot, where:

- 1st bit defines the ability to increase cpu
- 2nd bit defines the ability to decrease cpu
- 3rd bit defines the ability to increase RAM
- 4th bit defines the ability to decrease RAM

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

smart_server - true if a smart server can be built from this template

state – state of the template (active, inactive)

template_size- the size of the template

updated_at— the date when the Network was updated in the [YYYY][MM][DD]T[hh][mm][ss]Z format

user_id - the ID of a user who owns this template

version – version of the file

virtualization – type of virtualization (xen, kvm or kvm_virtio) which is compatible with this template

JSON Request example

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

JSON Response

VS Disks

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

```
[
  {
    "image_template": {
      "allow_resize_without_reboot":
true,
      "allowed_hot_migrate": true,
      "allowed_swap": true,
      "backup_server_id": null,
      "baremetal_server": false,
      "cdn": false,
      "checksum":
"ea42c529f195ee767ffc71f2e124b9c3",
      "created_at":
"2013-12-18T01:59:27+00:00",
      "disk_target_device": "---\n xen:
sda\nkvm: hd\n",
      "ext4": false,
      "file_name":
"centos-5.3-lbva_6.11-x64-1.7.tar.gz",
      "id": 10,
      "initial_password": "Password1",
      "initial_username": "root",
      "label": "Load Balancer Virtual
Appliance",
      "manager_id":
"centos5.3lbva_6.11x64",
      "min_disk_size": 5,
      "min_memory_size": 512,
      "operating_system": "linux",
      "operating_system_arch": "x64",
      "operating_system_distro": "lbva",
      "operating_system_edition": null,
      "operating_system_tail": null,
      "parent_template_id": null,
      "remote_id": null,
      "resize_without_reboot_policy": {},
      "smart_server": false,
      "state": "active",
      "template_size": 762660,
      "updated_at":
"2015-07-10T21:35:56+00:00",
      "user_id": null,
      "version": "1.7",
      "virtualization": "xen,kvm"
    }
  }
]
```

XML Request example

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

XML Response example

```
<?xml version="1.0" encoding="UTF-8"?>
<image_templates type="array">
  <image_template>
    <allow_resize_without_reboot
type="boolean">false</allow_resize_without_rebo
ot>
    <allowed_hot_migrate
type="boolean">false</allowed_hot_migrate>
    <allowed_swap
type="boolean">true</allowed_swap>
    <backup_server_id nil="true"/>
    <baremetal_server
type="boolean">true</baremetal_server>
    <cdn type="boolean">false</cdn>
    <checksum>f24aece694ffa125eaf72e9fb13e8dbd</che
cksum>
    <created_at
type="datetime">2012-04-03T14:30:59+00:00</crea
ted_at>
    <disk_target_device>---xen: xvda kvm:
hd</disk_target_device>
    <ext4 type="boolean">false</ext4>
    <file_name>centos-6.2-x64-1.0.tar.gz</file_name
>
    <id type="integer">1</id>
    <initial_password>Password1</initial_password>
    <initial_username>root</initial_username>
    <label>CentOS 6.2 x64</label>
    <manager_id>centos5.11x64</manager_id>
    <min_disk_size type="integer">5</min_disk_size>
    <min_memory_size
type="integer">128</min_memory_size>
    <operating_system>linux</operating_system>
    <operating_system_arch>x64</operating_system_ar
ch>
    <operating_system_distro>rhel</operating_system
_distro>
    <operating_system_edition nil="true"/>
    <operating_system_tail nil="true"/>
    <parent_template_id nil="true"/>
    <remote_id nil="true"/>
    <resize_without_reboot_policy></resize_without_
reboot_policy>
```

```
<smart_server
type="boolean">true</smart_server>
<state>inactive</state>
<template_size
type="integer">271308</template_size>
<updated_at nil="true"/>
<user_id nil="true"/>
<version>1.0</version>
<virtualization>xen,kvm</virtualization>
```

```
</image_template>  
<image_template>...</image_template>  
</image_templates>
```