

Build Virtual Server

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/build

Build or re-build a VM

Sections:

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

Request Parameters

*template_id** - the ID of a template from which a VS should be built, alternatively *template_label* can be used.

*template_label** - the label of a template from which a VS should be built, can be used instead of *template_id*.

required_startup - set to 1 if you wish to start a VS after it is built. Otherwise set to 0.

Instead of virtual server ID (:virtual_machine_id) you may use virtual server identifier (:virtual_machine_identifier).

initial_root_password_encryption_key - specify the password encryption passphrase

Response Parameters

On success response is 201 status and virtual machine object.

JSON Request example

```
curl -i -X POST -H 'Accept: application/json'
-H 'Content-type: application/json' -u
user:userpass -d
'{"virtual_machine":{"template_id":"1","require
d_startup":"1"}}' --url
<api_url>/virtual_machines/:virtual_machine_id/
build.json
```

JSON Response

```
{
  "virtual_machine": {
    "add_to_marketplace": null,
    "admin_note": null,
    "allowed_hot_migrate": true,
    "allowed_swap": true,
    "booted": false,
```

- 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

```

"built": false,
"cores_per_socket": 0,
"cpu_shares": 1,
"cpu_sockets": null,
"cpu_threads": null,
"cpu_units": 10,
"cpus": 1,
"created_at":
"2015-08-25T21:52:34+00:00",
"customer_network_id": null,
"deleted_at": null,
"edge_server_type": null,
"enable_autoscale": null,
"enable_monitis": null,
"firewall_notrack": false,
"hostname": "zaza",
"hypervisor_id": 12,
"id": 502,
"identifier": "abcde224e600fv",
"initial_root_password_encrypted":
false,
"iso_id": null,
"label": "zaza",
"local_remote_access_ip_address":
"192.168.0.1",
"local_remote_access_port": null,
"locked": true,
"memory": 20000,
"min_disk_size": 5,
"note": null,
"operating_system": "linux",
"operating_system_distro": "lbva",
"preferred_hvs": [
  11,
  12,
  5,
  10,
  4
],
"recovery_mode": null,
"remote_access_password": "password",
"service_password": null,
"state": "failed",
"storage_server_type": null,
"strict_virtual_machine_id": null,
"suspended": false,
"template_id": 10,
"template_label": "Load Balancer
Virtual Appliance",
"updated_at":
"2015-08-26T18:43:18+00:00",
"user_id": 123,
"vip": null,

```

VS Disks

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

```
"xen_id": null,
"ip_addresses": [
  {
    "ip_address": {
      "address": "192.168.0.1",
      "broadcast": "192.168.0.1",
      "created_at":
"2015-07-30T01:35:54+00:00",
      "customer_network_id":
null,
      "disallowed_primary":
false,
      "gateway": "66.148.116.1",
      "hypervisor_id": null,
      "id": 1667,
      "ip_address_pool_id": null,
      "network_address":
"192.168.0.1",
      "network_id": 1,
      "pxe": false,
      "updated_at":
"2015-08-25T21:52:34+00:00",
      "user_id": null,
      "free": false,
      "netmask": "255.255.252.0"
    }
  }
],
"monthly_bandwidth_used": "0",
"total_disk_size": 26,
"price_per_hour": 0.28557783000000003,
"price_per_hour_powered_off":
0.0070833899999999999,
"support_incremental_backups": true,
```

```
        "cpu_priority": 1
    }
}
```

XML Request example

```
curl -i -X POST -H 'Accept: application/xml'
-H 'Content-type: application/xml' -u
user:userpass -d '<?xml version="1.0"
encoding="UTF-8"?><virtual_machine><template_id
>1</template_id><required_startup>1</required_s
tartup></virtual_machine>' --url
<api_url>/virtual_machines/:virtual_machine_id/
build.xml
```