

Get CPU Usage Statistics

GET /virtual_machines/:virtual_machine_id/cpu_usage

Gets CPU usage statistics of specified 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

```
Define a shorter period by setting Start and End time in the API call:  
GET  
/virtual_machines/:virtual_machine_id/vm_stats.json?period[startdate]=YYYY-MM-DD+hh:mm:ss&period[enddate]=YYYY-MM-DD+hh:mm:ss&period[use_local_time]=1
```

Sections:

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

Response Parameters

cpu_time -

created_at - the timestamp in DB when this record was created

id - the statistics ID

stat_time - the particular hour for which these statistics were generated

updated_at - the time stamp in DB when this record was updated

user_id - the ID of the VS owner

virtual_machine_id - ID of the VS

JSON Request example

```
curl -i GET -u user:userpass --url  
<api_url>/virtual_machines/:virtual_machine_id/  
cpu_usage.json
```

JSON Response

- 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

```
[
  {
    "cpu_hourly_stat": {
      "cpu_time": 5,
      "created_at":
"2015-08-26T21:00:12Z",
      "id": 639251,
      "stat_time":
"2015-08-26T21:00:00Z",
      "updated_at":
"2015-08-26T21:00:12Z",
      "user_id": 337,
      "virtual_machine_id": 509
    }
  }
]
```

XML Request example

```
curl -i GET -u user:userpass --url
<api_url>/virtual_machines/:virtual_machine_id/
cpu_usage.json
```

XML Response example

```
<?xml version="1.0" encoding="UTF-8"?>
<cpu_hourly_stats type="array">
  <cpu_hourly_stat>
    <cpu_time type="integer">18</cpu_time>
    <created_at
type="datetime">2015-01-06T10:00:18Z</created_a
t>
    <id type="integer">935848</id>
    <stat_time
type="datetime">2015-01-06T10:00:00Z</stat_time
>
    <updated_at
type="datetime">2015-01-06T10:00:18Z</updated_a
t>
    <user_id type="integer">1</user_id>
    <virtual_machine_id
type="integer">1701</virtual_machine_id>
  </cpu_hourly_stat>
  <cpu_hourly_stat>...</cpu_hourly_stat>
</cpu_hourly_stats>
```

VS Disks

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