

# Introduction to Server Monitor API

## Overview

The server monitor API provides a way get top processes by memory size on the server.

## API

Endpoint	Description
GET <a href="#">/api/process/getallactive</a>	Get all actively running processes
GET <a href="#">/api/process/getallactive/filtered</a>	Get all actively running processes with conditions

### 1) Get All active processess

The Get All Active Processess endpoint gets all running processes in the server.

## Resource

[GET api/process/getallactive/](#)

## Authorization

The **Get All Active Processess** endpoint has basic authentication implemented and requires encoded username and password in given format - userName:password

## Parameters

No Parameters

### Example Response

```
[
  {
    "Id": 2340,
    "Name": "svchost",
    "StartDateTime": "2020-07-30T08:22:08",
    "VirtualMemorySize": 4294967295
  },
  {
    "Id": 3672,
    "Name": "svchost",
    "StartDateTime": "2020-07-30T08:06:10",
    "VirtualMemorySize": 4294967295
  }
]
```

## 2) Get All active processess with filters

The **Get All Active Processess with Filters** endpoint gets all running processes in the server with conditions. It can get processes based on ProcessName and Process Date Range from date and To date.

### Resource

GET

api/process/getallactive/filtered?ProcessName={processName}&fromDate={fromDate}&toDate={toDate}

### Authorization

The **Get All Active Processess** endpoint has basic authentication implemented and requires encoded username and password in format given format - userName:password

## Parameters

All parameters are Optional

## Example Response

```
[
  {
    "Id": 2340,
    "Name": "svchost",
    "StartDateTime": "2020-07-30T08:22:08",
    "VirtualMemorySize": 4294967295
  },

  {
    "Id": 3672,
    "Name": "svchost",
    "StartDateTime": "2020-07-30T08:06:10",
    "VirtualMemorySize": 4294967295
  }
]
```