

# EDUCLOUD SERVER

EduCloud Dashboards (Operations Manager)

V8.6  
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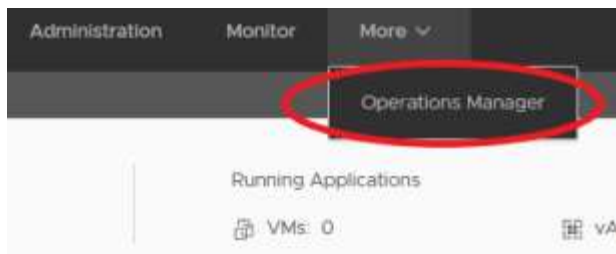
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## Overview

EduCloud Server Dashboards uses Operations Manager to allow users to monitor their EduCloud Organization Virtual Datacenters. Several metrics and graphs are available to assist with capacity planning, troubleshooting, and performance monitoring.

## Getting Started

Access Operations Manager through the primary menu in the HTML 5 tenant interface – [bcnet.educloud.ubc.ca/tenant/org-name](http://bcnet.educloud.ubc.ca/tenant/org-name)



## Dashboards

### Organization Overview

Gives an overview of the Org, including capacity, status and utilization.

Moving the mouse over some items and/or clicking on items will provide further information

### Organization VDC

Lists VDCs in your Org, with summary info. Click on a VDC to view more detailed information.

### vApps

Lists vApps with summary information. Click on a vApp for more information and a list of the VMs it contains

### Virtual Machines

Lists VMs with summary information. Click on a VM for performance information.

### Metric Selector

Allows finer selection of metrics.

Set filters as you wish and then select metrics.

For example:

The screenshot displays the 'Metric Selector' interface. At the top, there are 'Filters' with 'Filter By' set to 'VAPP' and 'select vApp to filter' set to 'New vApp'. Below this is a table for 'Select Resource(s)' with columns 'Resource Type' and 'Resource name'. One resource is selected: 'Virtual Machine' with name 'New VM-rDm3'. The bottom section shows a list of metrics on the left and three charts on the right. The charts are for 'mem|guest\_usage', 'mem|host\_demand', and 'mem|workload'. The date range is set from 2019-03-26 to 2019-03-27. The charts show step-like increases in the metrics over time.

**Metric Selector**

Filters

Filter By: VAPP, select vApp to filter: New vApp

Select Resource(s)

Resource Type	Resource name
<input checked="" type="checkbox"/> Virtual Machine	New VM-rDm3

1 - 10 of 53 Resources

Split Charts:  Start Time: 2019-03-26, End Time: 2019-03-27

Selected Metrics:

- mem-host|workload
- mem|balloonPct
- mem|compressed\_av
- mem|consumedPct
- mem|consumed\_aver
- mem|consumed\_aver
- mem|effective\_limit
- mem|guest\_demand
- mem|guest\_provision
- mem|guest\_usage
- mem|host\_contentior
- mem|host\_demand
- mem|nonzero\_active
- mem|overheadMax\_a
- mem|overhead\_avera
- mem|reservation\_use
- mem|swapinRate\_ave
- mem|swapoutRate\_a
- mem|swapped\_avera
- mem|usage\_average
- mem|vmMemoryDem
- mem|workload
- Data Receive Rate

Charts:

- mem|guest\_usage
- mem|host\_demand
- mem|workload

## Monitoring

### Alerts

Lists Alerts. Click on displayed alert for more information.

### Metering

#### Bills

This option is currently under development.