

Providing VMs for other people

This document explains how to use OverDrive to:

- Add and remove VMs from clouds
- Inform potential users of the IP addresses and hostnames of the VMs

If you have basic web browser skills, you can follow the directions below.

These instructions contain the following sections:

- [Starting the Cloud Orchestration Manager](#)—using Firefox or Internet Explorer
- [Enabling virtual machines in a cloud](#)—adding, powering on
- [Removing virtual machines](#)—powering off and removing

Starting the Cloud Orchestration Manager

Using Firefox or Internet Explorer:

1. Access the orchestration manager via the URL <https://HostName:8443/vcom/manager.html>:
2. Enter your user name and password, then click Login.



Note

If you do not see at least one cloud, you cannot proceed.

Enabling virtual machines in a cloud

You can create and power up virtual machines as described here.

Adding a virtual machine

To add virtual machines:

1. Click the virtual machine tab
2. Highlight the appropriate cloud (generally a cloud contained within another cloud) and click the new VM button, for example:



The Add Virtual Machine dialog displays.

3. Specify the hostname and model to use, for example:

**Note**

The model field or drop-down list, and details/description depend on how the clouds and VMs have been configured. The above figure will most certainly be different for you. Knowing which hostname and model to choose is outside the scope of this document.

4. Click Next.

The next dialog asks you to enter details about the VM, for example:

- Virtual memory—where 1024 MB is the equivalent of 1 GB
- Disk size—in GB
- Number of interfaces—generally just 1 or 2, depending on whether it can be accessed both internally and externally from within or without your group

5. Click Finish to create the VM.

Your VM should show up in a panel like the following, in a series of stages as it gets created.



The stages are:

- Creating—the VM is created with the memory, disk, and interfaces
- Configuring interfaces—its ports are told the IP addresses to use
- Powered off—where the VM remains until you power it on
- Powered on—after you power it on

Powering on virtual machines

Use the power-on button to turn on the VM that you have made. For example:

1. Highlight the VM and click the power-on button.
2. Observe that the VM powers on, with one or two IP addresses, depending on how many interfaces you specified:



3. At this point, you can tell other people in your group or department which IP addresses and/or hostnames to use for the VMs that you have created.



Note

You also need to provide directions for them to access the VMs.

Removing virtual machines

To remove a VM when it is no longer needed:

1. Make sure it is not in use.
2. Highlight the VM and turn it off using the power-off button.
3. Use the remove VM button.

