VIRTUAL DATA CENTRE (VDC) USER GUIDE

CONGRATULATIONS ON YOUR NEW VIRTUAL DATA CENTRE (VDC)

Congratulations for selecting the Virtual Data Centre by Intrahost. Never before, has the web hosting customer had so much opportunity to maximise the potential of their online presence, whilst reducing overheads.

Throughout this guide, you will be learn how to: acquire additional resources, develop a high availability platform, improve the end users experience, have full control of your hosting solution and more importantly save money on your hosting fees.

With our resourceful control panel you can modify settings on your VDC. Above all else our VDC control panel is Hassle free! That's not all – if you're on move you can modify your Virtual Data Centre by using the OnAPP iPhone App that is available from the Apple iTunes Store.

INTRAHOST VIRTUAL DATA CENTRE INTERFACE

Dashboard Overview

The main overview of the Intrahost VDC Control Panel, the dashboard gives a brief insight of your VDC. Where you can see in real-time any changes including: the disk space used, memory available and any changes to the server.

The navigation on the left hand side allows you to implement additional resources quickly and efficiently. Within seconds, you can create a Virtual Machine from the dashboard, just by clicking on 'Create New Virtual Machine'.

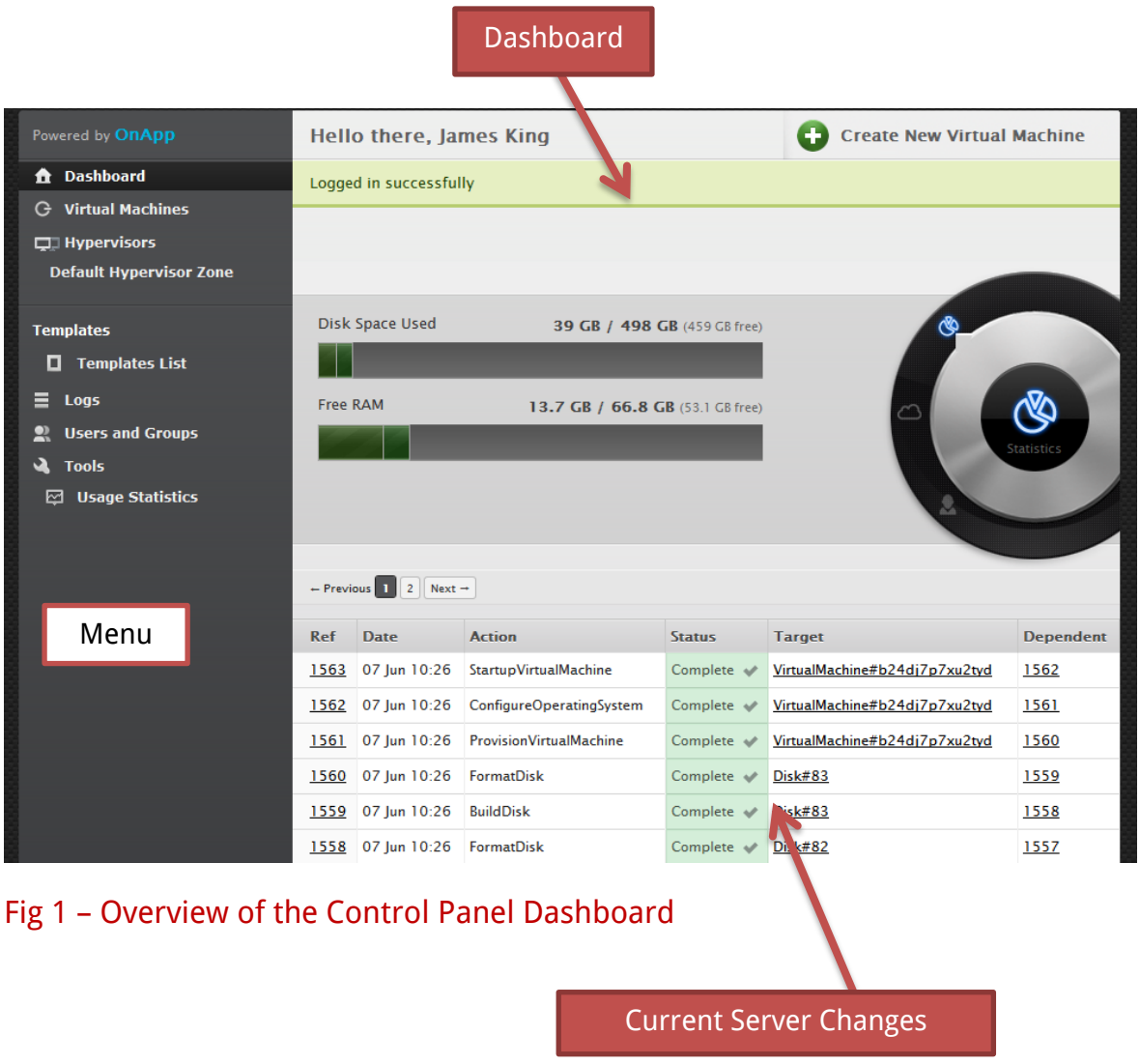

Fig 1 – Overview of the Control Panel Dashboard

DASHBOARD OVERVIEW

The dashboard gives you an instant overview of 'Disk Space Used' and 'Free RAM' this is especially useful, if you're looking to upgrade as you can see what's available in the resources pool.

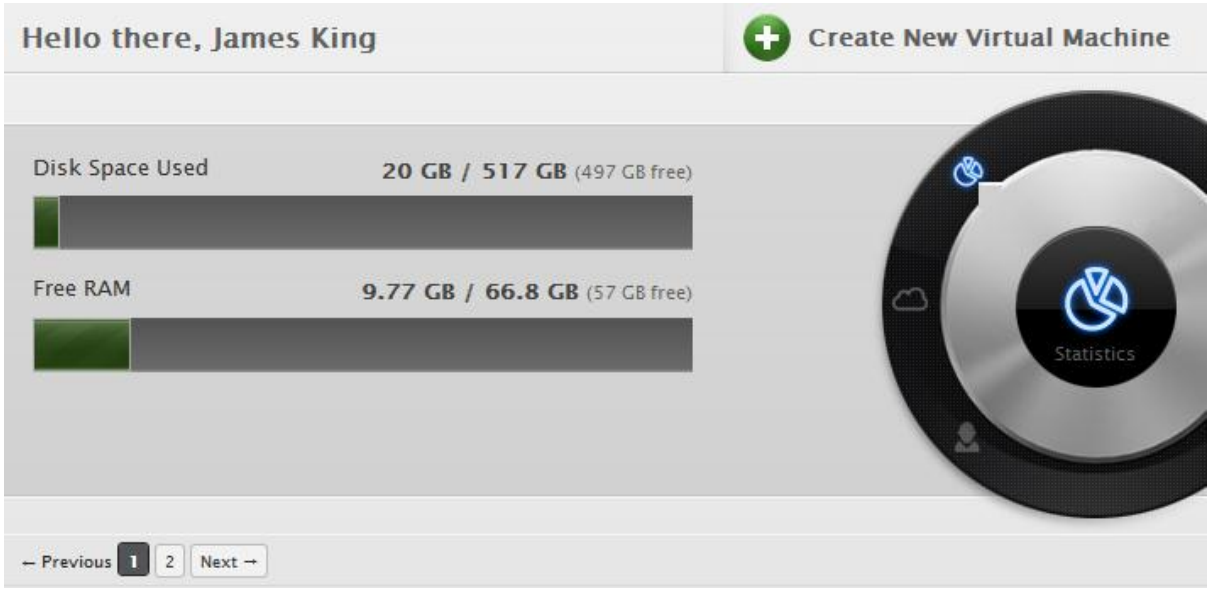

Fig 2 - Statistics tab on the Intrahost Dashboard VDC Control Panel

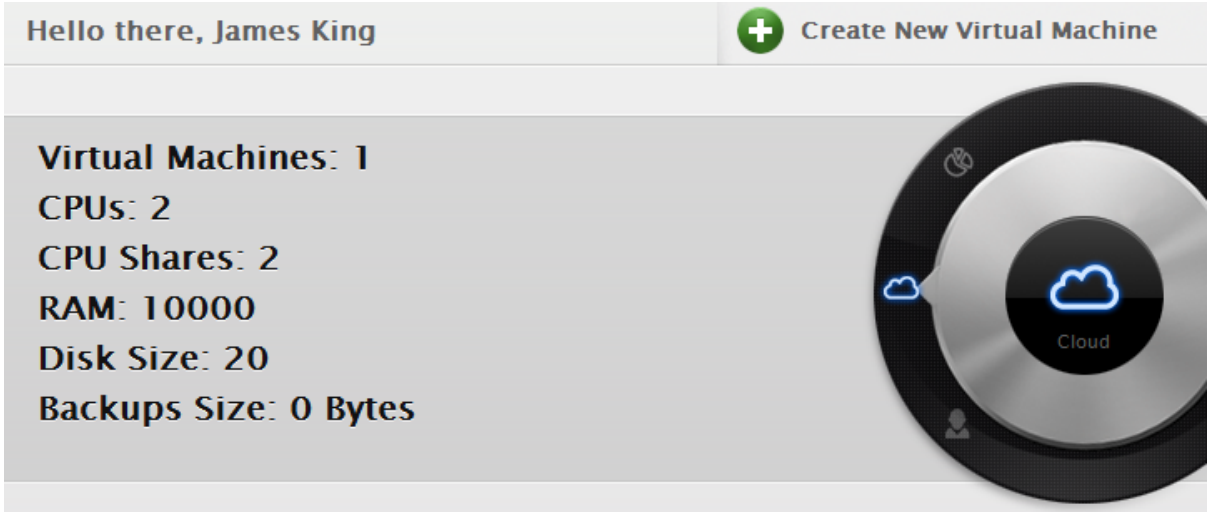

Fig 3 - Cloud tab on the Intrahost Dashboard VDC Control Panel

The Cloud Tab displays the number of Virtual Machines, CPUs, CPU Shares, RAM in (MB), Disk Size in (GB) and Backups Size.

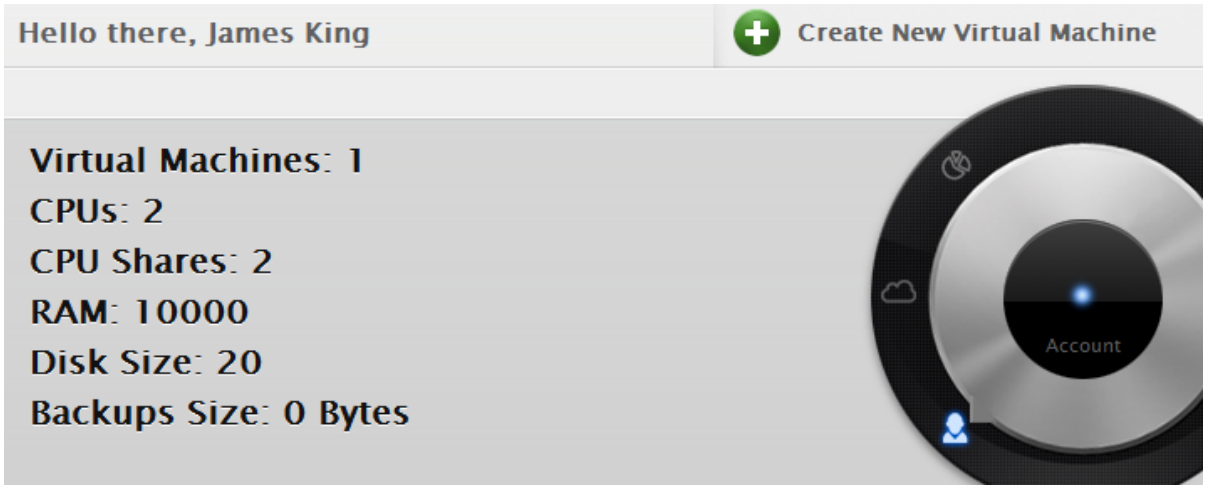

Fig 4 - Account tab on the Intrahost Dashboard VDC Control Panel

The Account Tab displays the all the resources being used in your VDC.

VIRTUAL MACHINES

How to create your own Virtual Machine

The Virtual Machines tab allows you to create a Virtual Machine effortlessly. In order to create your own WM – click on 'Virtual Machines' and 'Add New Virtual Machine'.

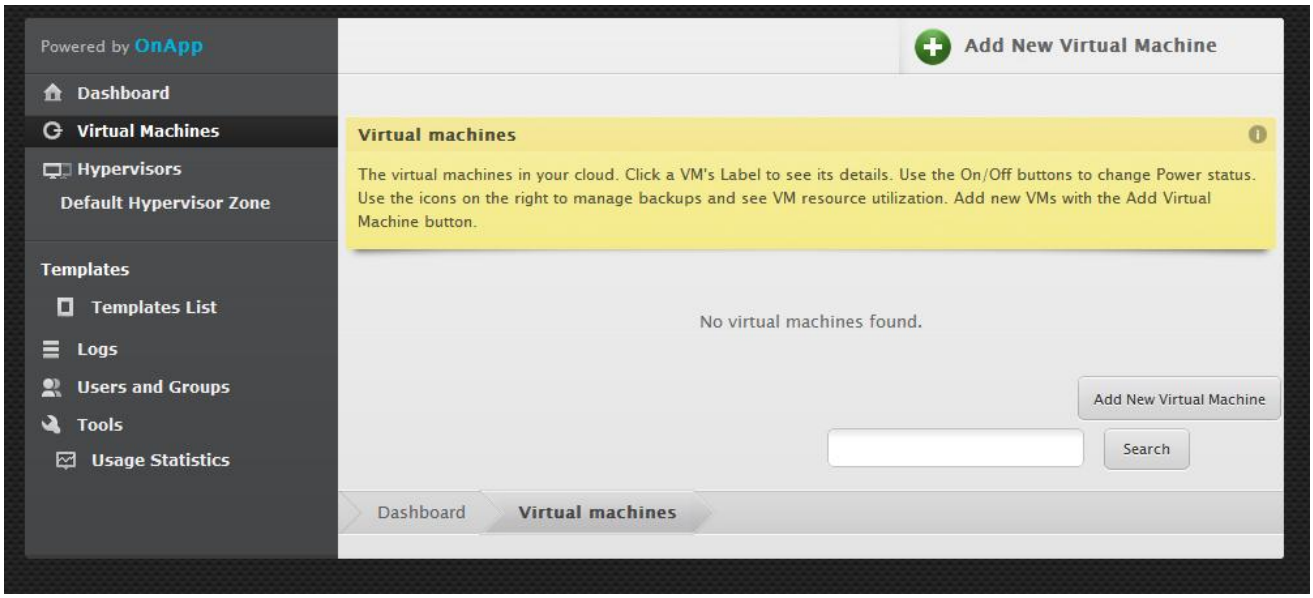

Fig 5 - Virtual Machine Menu

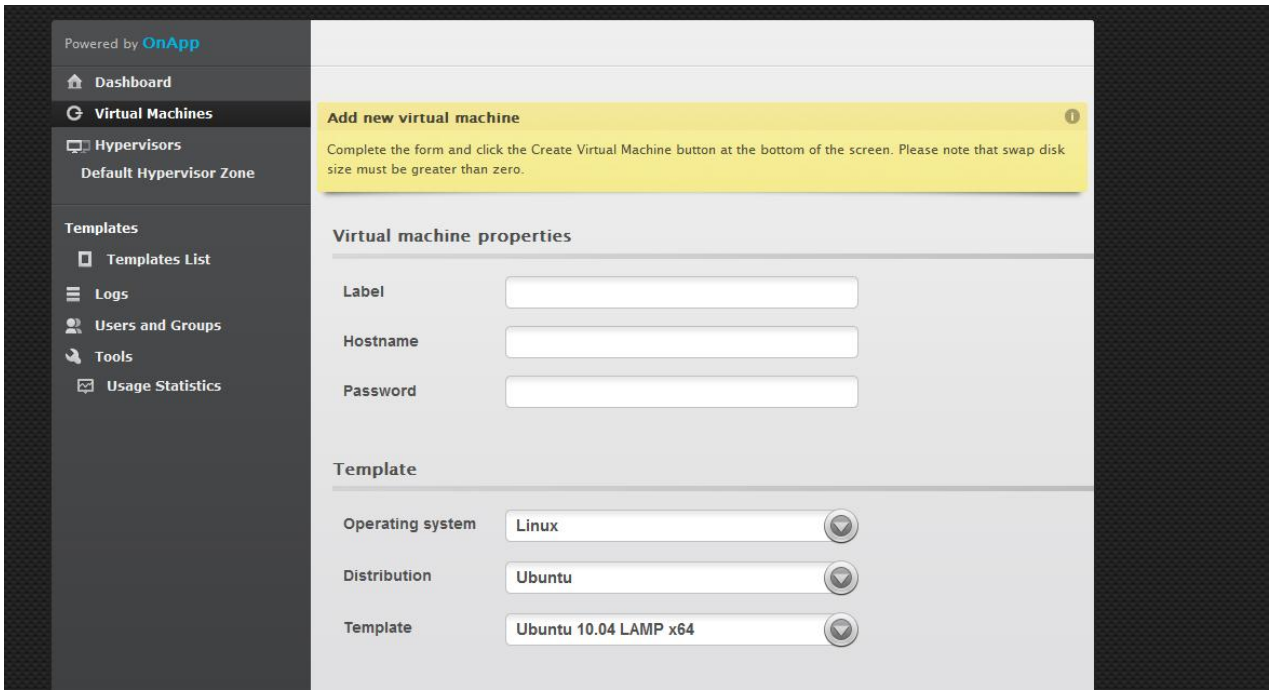

Fig 6 - Creating your own VDC step 1

For the Virtual Machine Properties type in the following:

Label Name is for your own purposes
Hostname is the name of the server
Password the password to login into your server

A template allows you to choose an Operating System

The Intrahost VDC Control Panel allows you to select which Operating System you'd like to use. For instances, you can set up a VM to run Ubuntu on a Linux server or even Windows 2008 on a Microsoft Windows Server.

Select Your Resources

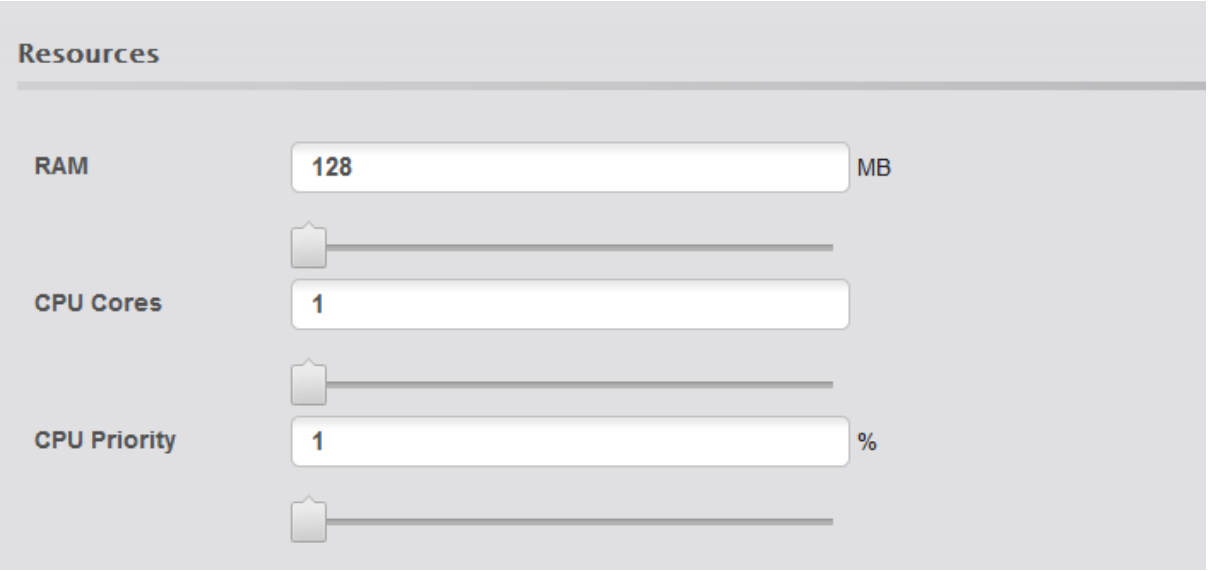

Fig 7 – Select your resources – Create your own VDC part 2

Next select the resources you'd like in your VDC, just use the slider to select the level of resources you require.

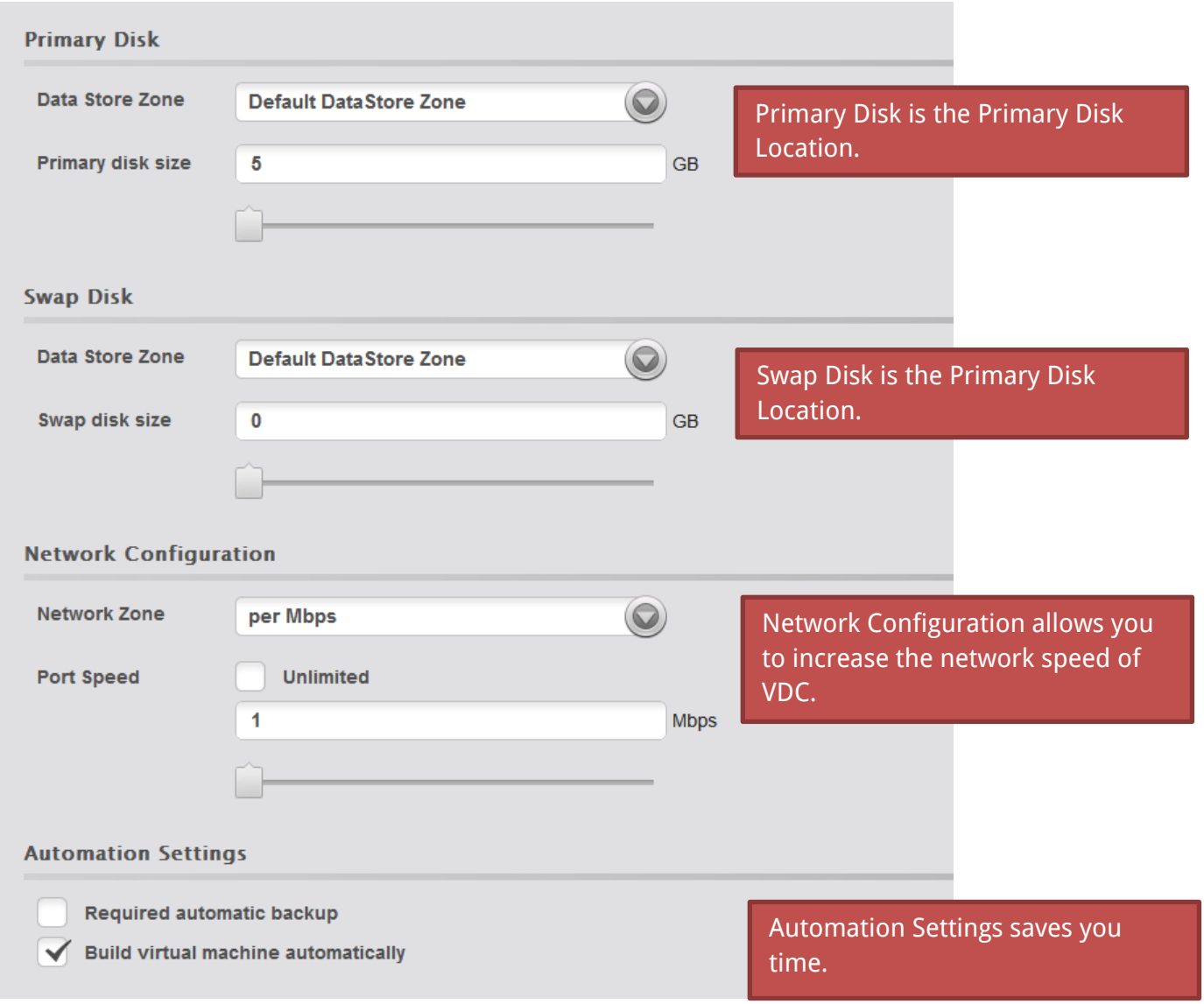

Fig 8 – Select your resources - Create your own VDC part 3

Once all these items have been completed your VM when be created within a few moments. Please note the more resources that you acquire, the more expensive your VM will cost to operate. Therefore, it is a wise decision to order only what you will need.

Modify your VM (Virtual Machine)

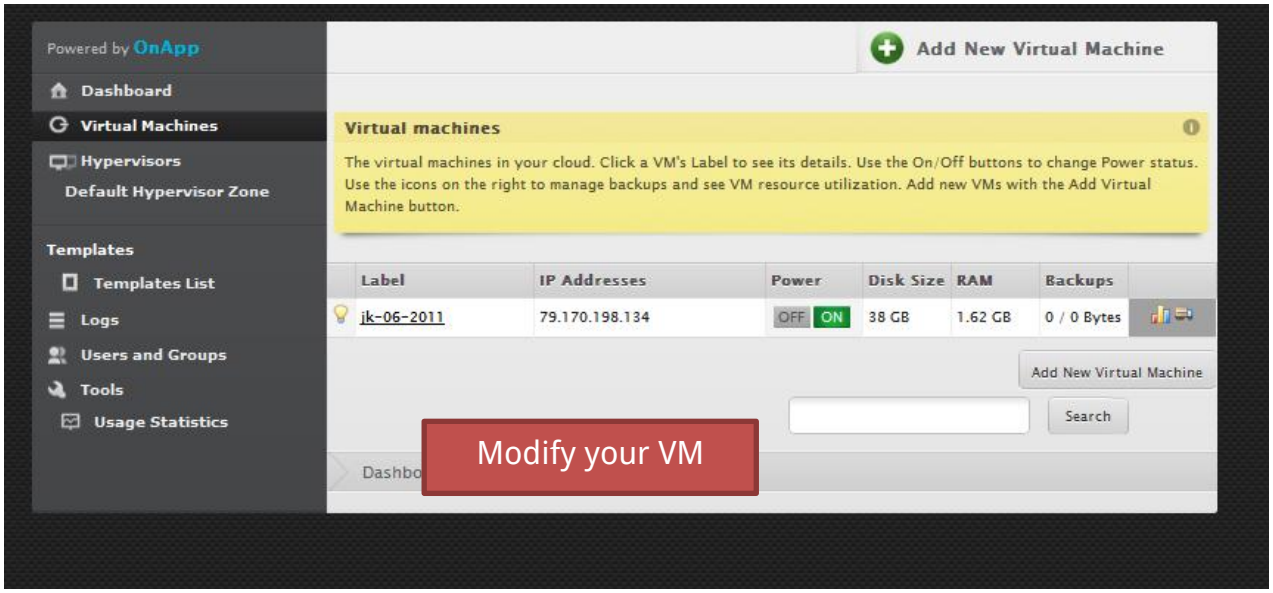

Fig 9 – Modify your Virtual Machine

On The Virtual Machines menu, you'll be introduced to the VMs that have been created. To modify your VM click on the label name of your Virtual Machine.

Modify your Virtual Machine

Once you've clicked on your server label, you can modify any Virtual Machine details and take actions. On the Virtual Machines – Overview page you can operate a variety of actions for instances: reboot or shut down your Virtual Machines, edit Firewall rules, reset root password, adjust resource allocation, rebuild your VM and rebuild network. Your VDC is fully customisable and available.

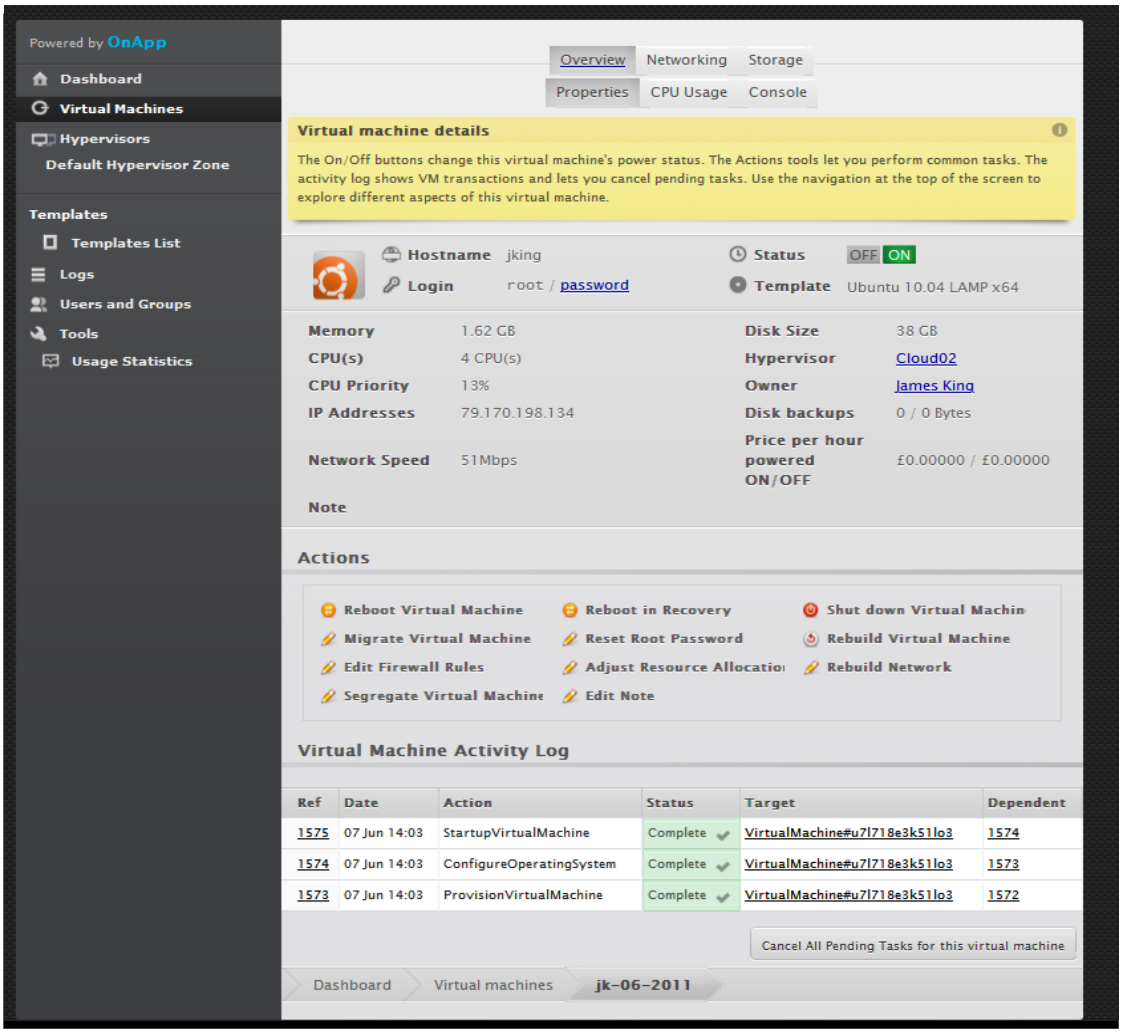

Fig 10 – Virtual Machine Overview

The CPU Usage button displays the usage of your CPU in a bar chart, this graph will help to you to determine whether you require additional, resources for your VM.

Note: On Linux VMs your capable of accessing the Console, this is a KVM (Keyboard Video Mouse) alterative for accessing your server.

Networking Options

Port speed is the speed of the connection - this can be changed.

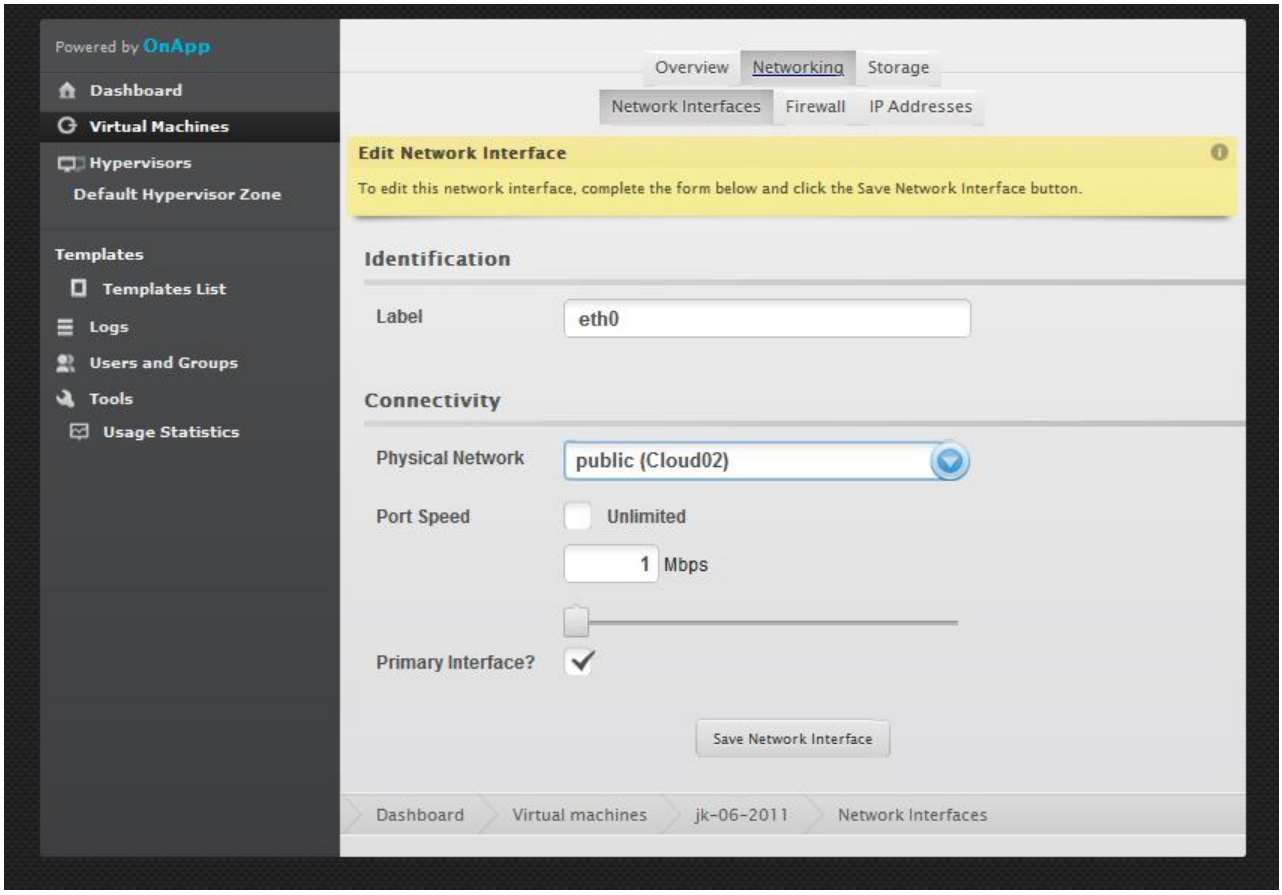

Fig 11 – Networking interface

Modify Firewall

You can modify your Firewall needs throughout your VDC. The Firewall settings allow you to keep your servers safe and secure.

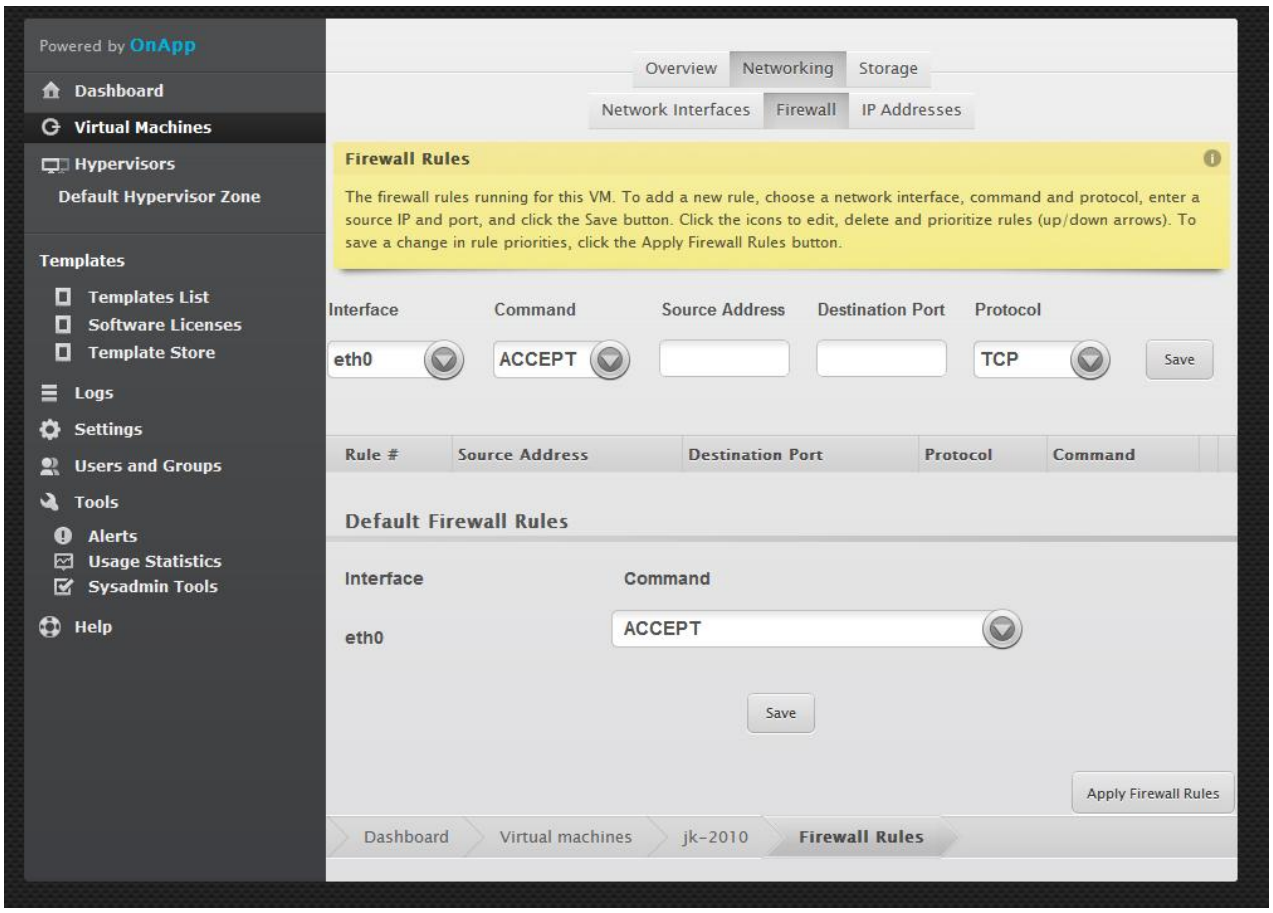

Fig 12 – Modify Firewall

IP Addresses

For VDC users that wish to create multiple private cloud servers, allocating and assigning new IP addresses are beneficial.

How to add additional IP Addresses?

Click on the '***Allocate New IP Address Assignment***' button.

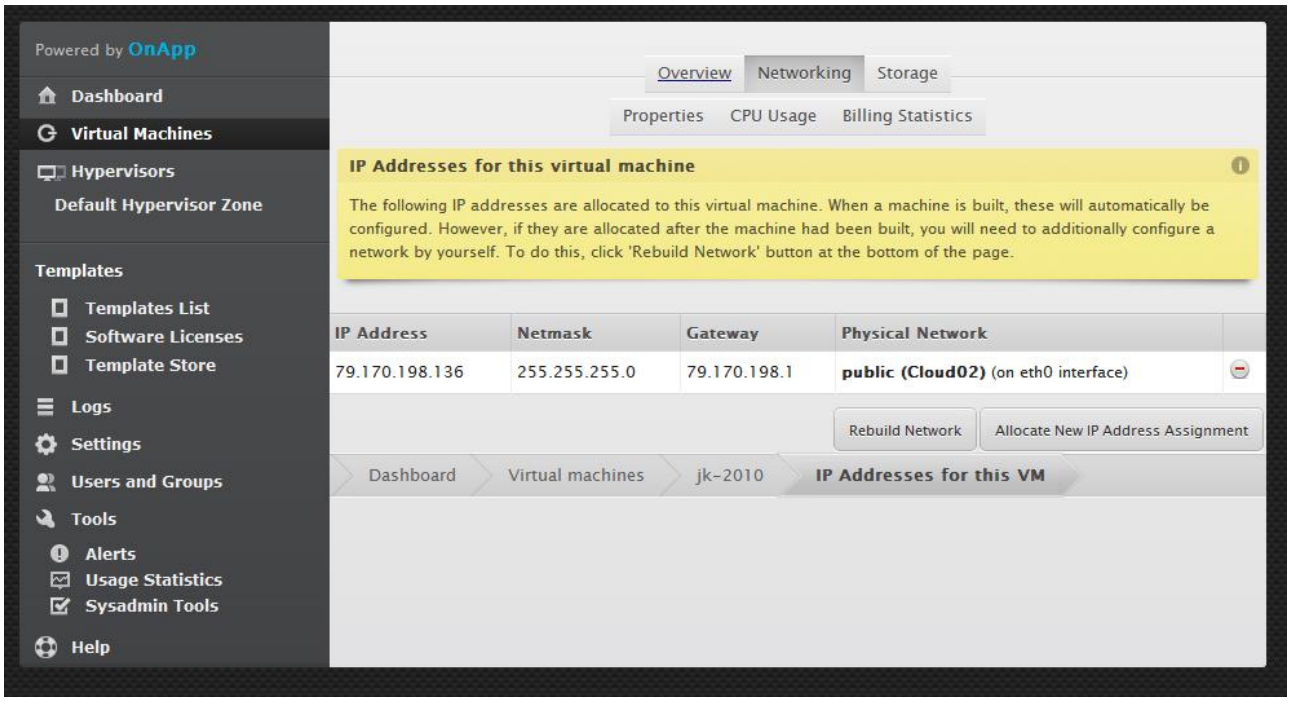

Fig 13 – IP Addresses

1: Select your **Network Interface from the drop down list below.**

2: Select IP Address from the IP Address drop down menu.

3: Click on 'Add IP Address Assignment'

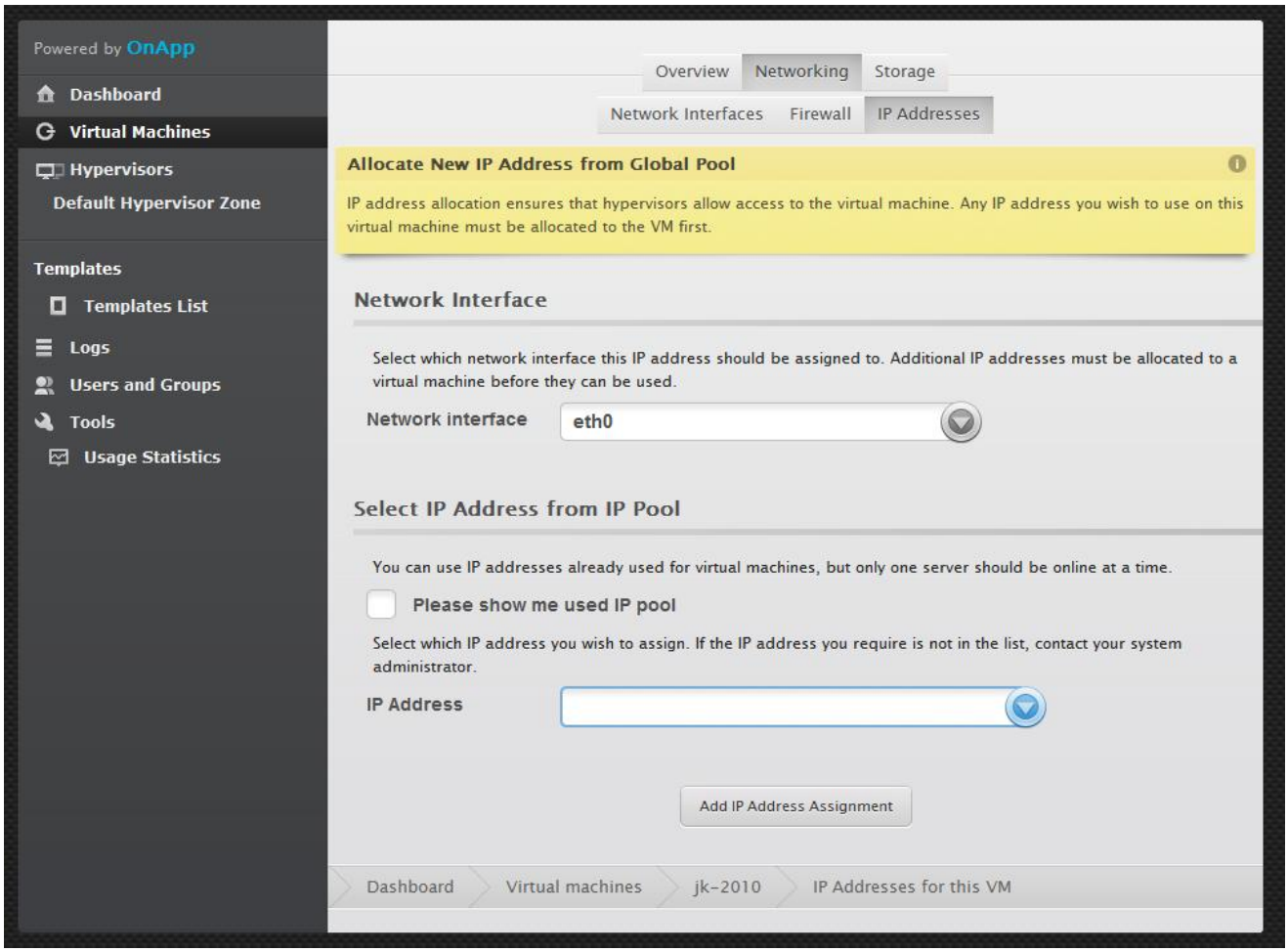

Fig 14 – Selecting an IP address

Storage Settings

In Storage Settings you can create automated backups and edit your backup systems. You can modify and edit the storage space as required. The Autobackup feature allows you to make an automated backup of your disk drive. All backups are made on a daily basis.

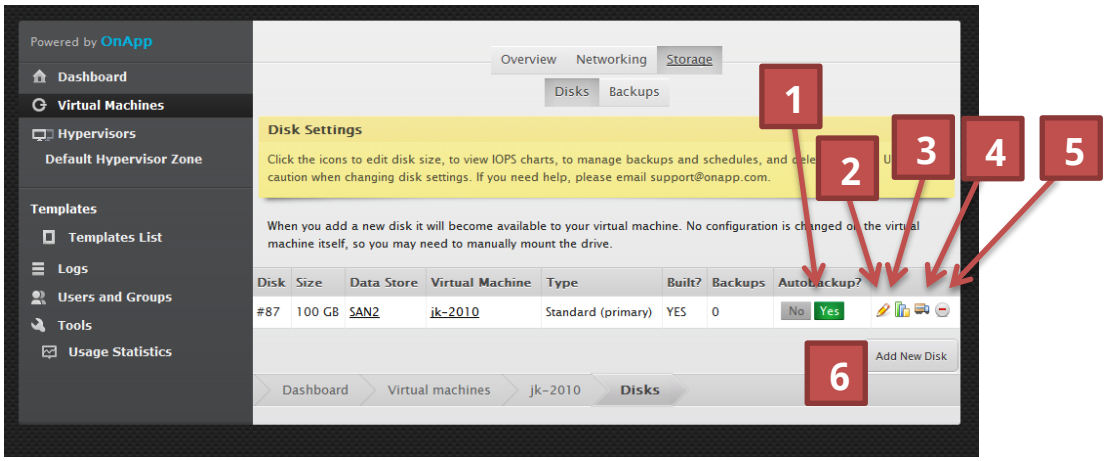

Fig 15 – Storage Settings

1 – Autobackup

The Auto backup feature allows you to automatically backup your data.

2 – Edit disk parameters

This option allows you to increase the capacity of your hard disk.

3 – Disk usage

You can monitor the disc space used on your virtual machine. This resourceful information allows you to decide whether you need additional resource.

4 – Backups list

This section is a list of your current backups.

5- Destroy disk

This is where you can remove a virtual machine.

6 – Add a new disk

This is where you can remove a virtual machine.

How to add a new disk?

Adding a new disk is ideal for high availability plus a number of new opportunities are available. For instances, you can create multiple disks on a number of SANs to reduce down time. If you have a high traffic online presence, it is imperative to reduce down time drastically. Therefore, when creating a new disk, ensure that you use a separate SAN. In the event of a SAN server failing you have an alternative place to access your storage.

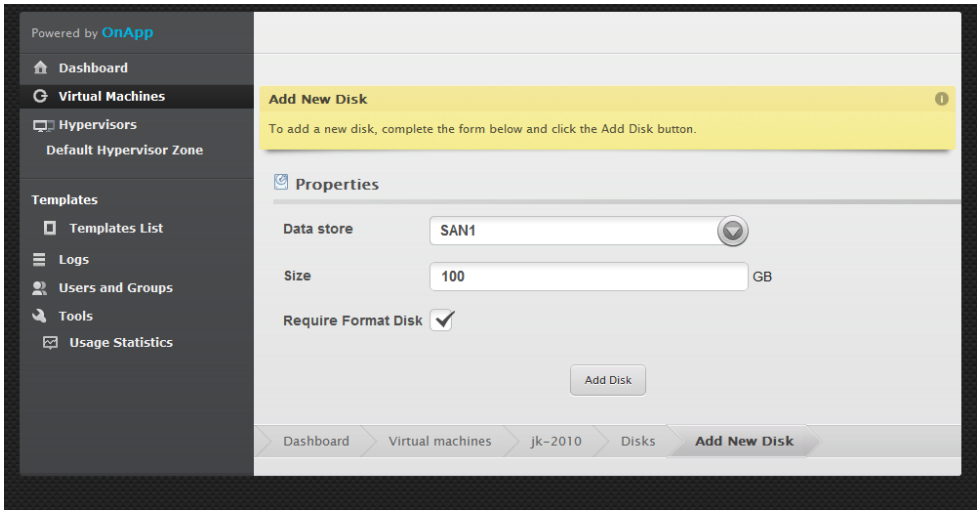

Fig 16 – Create a new disk

Templates

The Templates section is a list of operating systems that can be added to your virtual machine quickly and efficiency. For example, you may need an additional Linux server - the control panel needs installation information about each operating system. The templates call the information easily and effectively.

Also in the templates section you can access your virtual machines by choosing the current operating system that you are using.

Logs

The Logs section records any changes to your virtual machine(s).

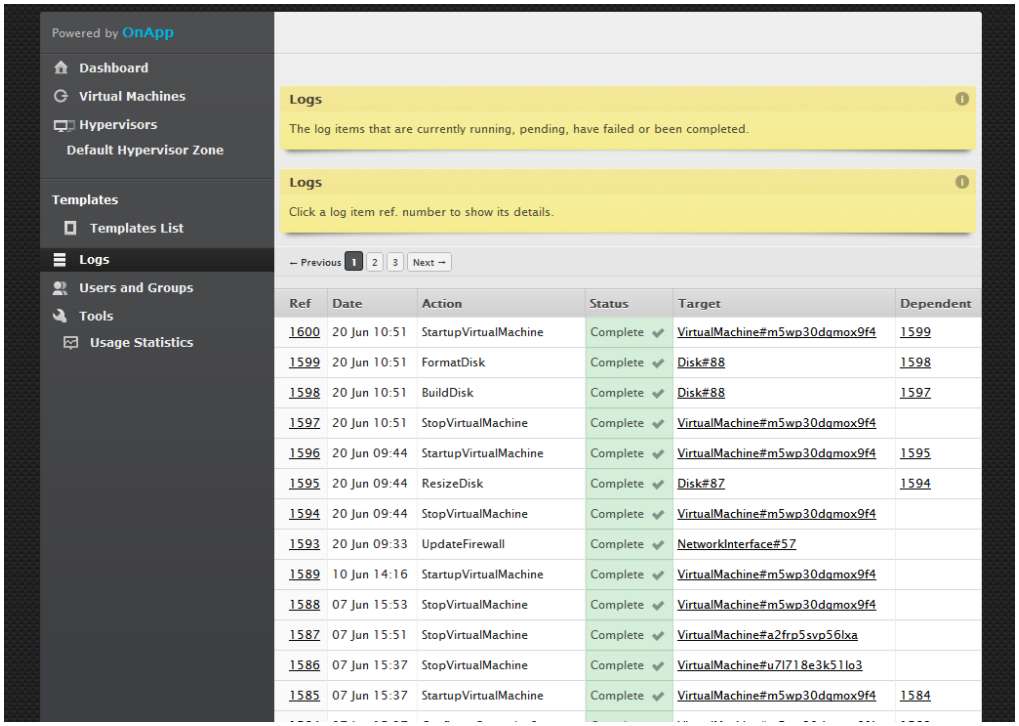

Fig 17 – Server logs

Users and Groups

This section is dedicated to: users, user groups, billing plans where you can your review daily expenses and your billing plan.

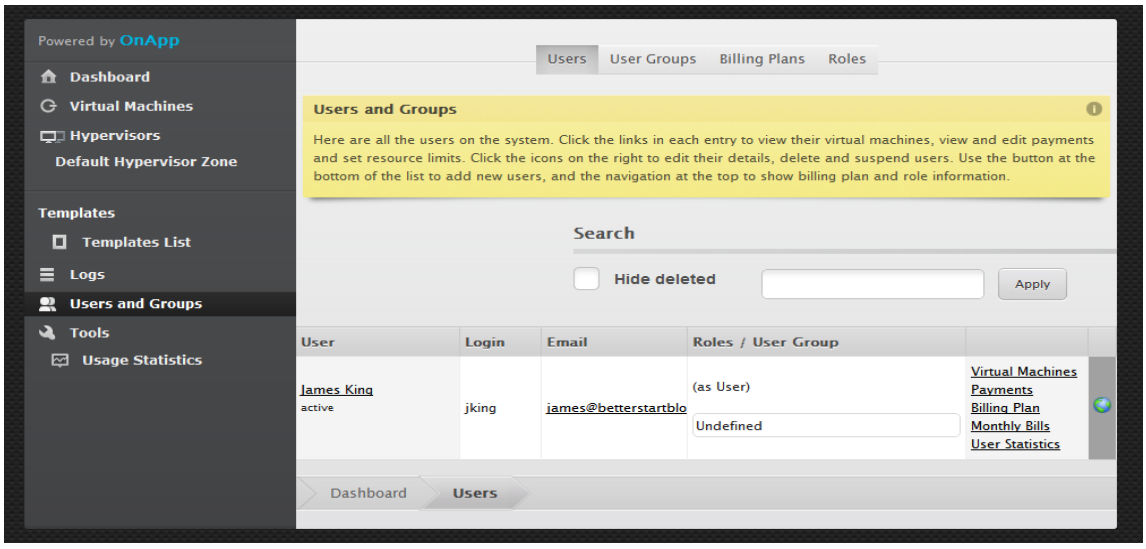

Fig 18 – An overview of user settings

Tools and Usage Statistics

The Usage Statistics gives you daily breakdown of your hosting usage. The usage statistics allows you to assess and evaluate whether you need additional resources. Over a period of time you can predict which days of the week you require more resources.

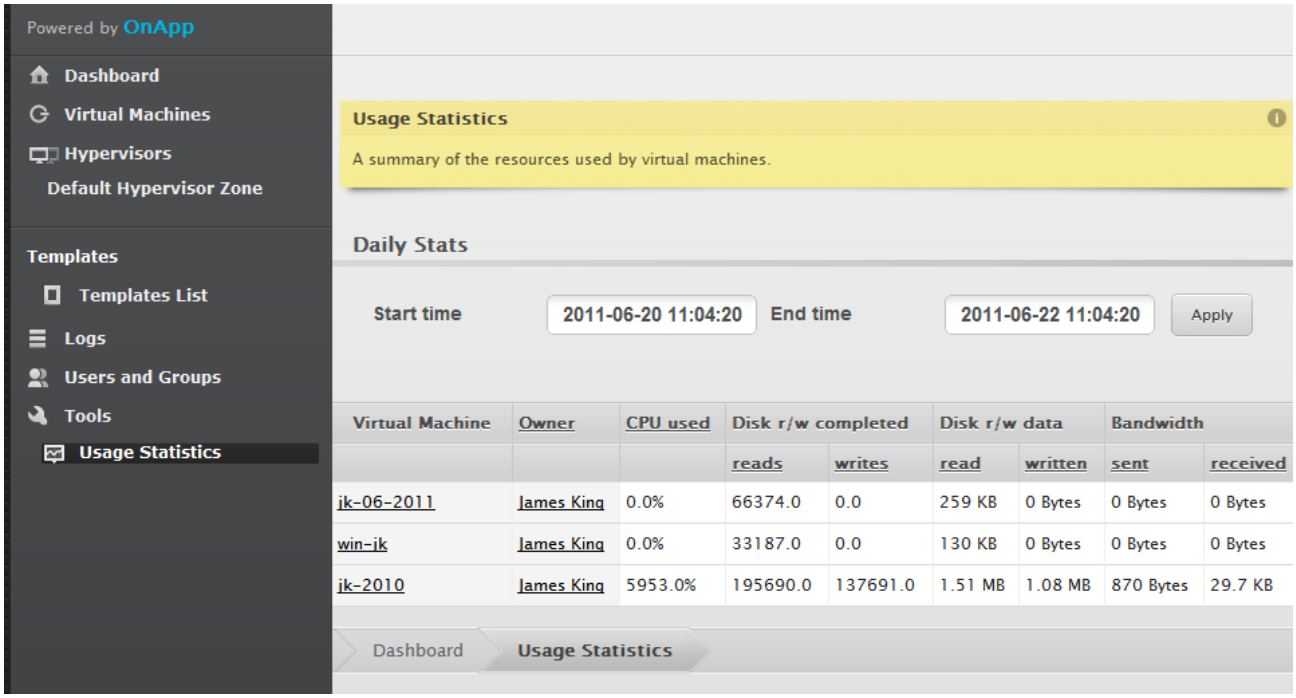

Fig 19 – Usage statistics

Further Assistance

If you require further assistance, the Intrahost Fast and Friendly support team will be more than happy to assist you with any technical issues.

Please visit our ticketing system or Knowledgebase on the Intrahost website.

Or call Intrahost on **0845 680 3812.**