

# Bluelock | VMware vCloud® Director Service

## SUMMARY

Access your enterprise caliber pool of virtual infrastructure resources in your Bluelock Virtual Datacenter. Distribute resources to departments and projects with ease using VMware vCloud® Director's self service functionality. Built on VMware vSphere™, the best platform for cloud infrastructures, VMware vCloud Director enables Bluelock clients to build secure clouds, transforming the way IT procures, delivers and manages infrastructure services.

### **Bluelock Virtual Datacenter**

Bluelock Virtual Datacenters (VDCs) are logical constructs that include compute, storage and networking capacity to enable complete abstraction between the consumption of infrastructure services and the underlying resources. Virtual Datacenters can represent a policy group such as a business unit, division or subsidiary company. Each VDC has isolated virtual resources, independent authentication, specific policy controls and unique catalogs.

## GETTING STARTED

### **Setup Procedure**

Your Bluelock Virtual Datacenter is created based on your specific resource needs. Access to the VCD URL is made available through high availability Firewalls and F5 load balancers.

Each VDC is configured with an initial "isolation" network for private networking. Additionally the organization has an "internet" network created with the number of public IP addresses that were requested.

### **Client Self-Service Accounts**

Upon initial configuration, a single user (e-mail address) is created and given organization administration privileges. Further account creation and management within your organization is completely in your control via the vCloud Director administrative interface.

## SYSTEM REQUIREMENTS

Bluelock's vCloud Director Web Console is compatible with most versions of Mozilla Firefox and Internet Explorer. The vCloud Director Web Console is compatible only with 32-bit browsers. Web access is available via secure HTTPS to Bluelock's vCloud Director URL.

### KEY BENEFITS:

- *Increase business agility by empowering users with self-service*
- *Maintain security and control in your cloud environment*
- *Efficiently deliver resources*

## SMART TECHNOLOGY

### **Catalogs**

Bluelock Virtual Datacenters are initially created with a single "private" catalog. Clients are able to create new catalogs for special purposes such as sharing and uploading virtual machines or media images to enable faster provisioning.

### **Templates**

Bluelock provides licensed templates in the public catalog for various Operating Systems. Deployment of these does incur the respective OS license cost.

### **Immediate Bursting**

A Bluelock VDC is provisioned with two times the targeted CPU, RAM, Disk and Bandwidth resources to allow for bursting. Burst usage is charged by the day and is invoiced monthly.

### **CPU/RAM/Disk**

Additional resources such as CPU/RAM/Disk can be provisioned and consumed up to your burst ceiling using the VMware vCloud Director administrative interface. Bluelock engineers are on hand 24x7 to add additional burst resources as needed.

### **Tiered Storage**

Bluelock offers three storage tiers within vCloud Director: Archive, Standard and Performance. Virtual machine disks can be assigned to a requested storage tier once the VM has been created.

### **IP Space**

Public IP space is assigned to your VDC as needed.

### **Bandwidth**

Bandwidth is billed on a modified daily 95th percentile based on consumption.