



WHAT'S NEW IN VCONNECT™ UPDATE 5?

VConnect™ IP Address Pools



- Create and manage IP Address Pools from within Windows Azure Pack
- VConnect allocates IP for new VMs created on VMWare® ESXi hosts
- Multiple IP ranges can be provided for a IP Address Pool
- Administrators have the ability to allocate different IP pools for different VConnect Templates
- VConnect manages the IP Address Pools without the need to create vApps in vCenter

Virtual Machine Backup & Restore Service



- Enterprise Backup & Restore for Virtual Machines
- Now with support for both VMWare® ESXi Virtual Machines and Microsoft's System Center Virtual Machines
- Create, Manage and Run Backup Schedules and Restores from within Windows Azure Pack

Easy Setup & Configuration



- Polished User Experience for setting up VConnect
- Auto discover datacenters and clusters on vCenter
- Validate and warn administrators on potentially incorrect configurations
- Auto discover VM Templates defined in vCenter
- Step by step guided Wizard for creating VConnect Templates
- Single page for easy viewing and editing of VConnect Templates

Features that VConnect™ supports already

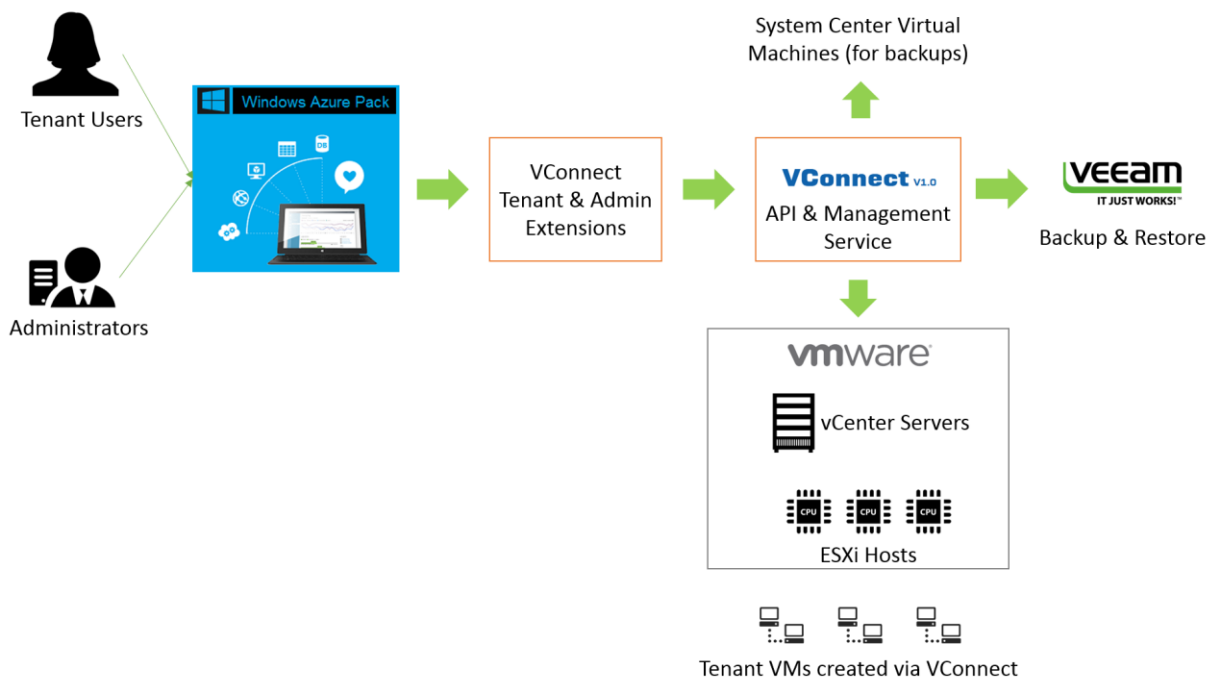
VMWare® vCenter and WAP Integration

- ✓ Manage multiple VMWare® vCenter Servers from Windows Azure Pack via VConnect Connections
- ✓ Administrators can customize VM Creation process via VConnect Templates
- ✓ Ability to assign different vCenter clusters for different Windows Azure Pack Plans
- ✓ Create domain joined or standalone VMs
- ✓ Create Windows and Linux VMs from Windows Azure Pack
- ✓ Create Virtual Machine Snapshots
- ✓ Ability to extend and customize all aspects of VM Creation process to suit any enterprise needs

Veeam® and WAP Integration

- ✓ Create and manage Virtual Machine Backup Job Schedules

VConnect™ Architecture



VConnect™ components

- VConnect Admin and Tenant Extensions
- VConnect API Endpoint and Management Service
- VConnect Extensibility Scripts
- VConnect.exe Tool

VConnect™ v1.0 Update 3 Screenshots

Create Template Wizard

VM TEMPLATE CUSTOMIZATION - STEP 2 ✕

NETWORK AND STORAGE

NETWORK 1 DETAILS

NETWORKNAME ?

Is configurable by Tenant?
 Is Required?

IPMODE ?

Is configurable by Tenant?
 Is Required?

IP ADDRESS POOL NAME ?

Is configurable by Tenant?
 Is Required?

STORAGE DETAILS

DATASTOREHINT ?

Is configurable by Tenant?
 Is Required?

1 ← → 3 4

IP Address Pool & IP Ranges

CREATE A IP POOL



Enter IP Pool details

DNS (CSV)

10.0.0.1

(Comma separated DNS entries. e.g. 4.4.4.4,8.8.8.8)

IP ADDRESS RANGES (CSV)

10.0.0.10-10.0.0.40,
10.0.0.60-10.0.0.90
10.0.0.95,
10.0.0.100-10.0.0.250

(Comma separated IP Range entries. e.g. 192.168.1.100-192.168.1.150)

1



Backup Settings



Backup Server Settings

Veeam Server Details where Veeam PowerShell can be executed

Backup feature requires VConnect License and Veeam Backup & Replication solution purchased separately and deployed. Contact support@cloudassert.com for assistance in purchasing and deploying the solution.

ALLOW VMWARE BACKUPS?

ALLOW HYPER-V BACKUPS?

VEEAM SERVER NAME

VEEAM USER NAME

VEEAM PASSWORD

USE HTTPS FOR WMI ? [HTTP / HTTPS]

BACKUP SERVER WMI PORT [HTTP = 5985 and HTTPS = 5986]



SAVE



DISCARD



VConnect Connection

CREATE A VCONNECT HOST CONNECTION ✕

VMWare® VCenter Host details

CONNECTION NAME
(e.g. PerformanceCluster)

SERVER URL
(e.g. https://10.20.3.4/sdk)

USERNAME
(e.g. administrator)

PASSWORD

IS HOST ENABLED FOR VM PROVISIONING? Yes or No

➔ 2

CREATE A VCONNECT HOST CONNECTION ✕

VMWare® VCenter Host details

VMWARE DATACENTER
Select...
Dummy Datacenter
Sample Datacenter
TestDatacenter
ZDemo

VMWARE CLUSTER

1 ⏪ ✓

VM Management Options for Tenant Users

The screenshot displays the Service Management Portal interface. At the top, the header shows "Service Management Portal" on the left and the user email "demouser@cloudassert.com" on the right. The main content area is titled "vconnect" and is divided into "VIRTUAL MACHINES" and "BACKUPS" sections. A table lists the virtual machines, with one entry "DemoVM1" shown in a blue row. The table has columns for NAME, CONNECTION, CONFIGSTATUS, STATUS, and MEMORY USED (MB). Below the table is a dark blue toolbar with various management actions: NEW, CONNECT, STANDBY GUEST, SHUTDOWN GUEST, REBOOT GUEST, SUSPEND, RESET, POWER OFF, SCREENSHOT, and SNAPSHOT. A help icon is also present in the toolbar.

NAME	CONNECTION	CONFIGSTATUS	STATUS	MEMORY USED (MB)
DemoVM1	vcenter1	✓ Created	✓ Running	1742 / 1752

For more details

INFO@CLOUDASSERT.COM

WWW.CLOUDASSERT.COM/SOLUTIONS/VCONNECT