

### V-locity<sup>™</sup> Installation

### **Installing V-locity on Your Network**

V-locity can be installed in a variety of ways. If you are installing V-locity onto a single computer, no special actions are needed. Simply double-click the V-locity installation file you downloaded on the target computer and complete the installation wizard steps.

If you are installing the software onto multiple computers in a network you have several options.

#### **Option 1 - Using Diskeeper Administrator (Recommended)**

- First, install Diskeeper Administrator edition. If you do not already have Diskeeper Administrator, you can download fully functional 45-day trialware from www.diskeeper.com/downloads and use the software – during the trial period – to quickly and easily deploy V-locity across your network. If you have more than 10-20 machines to which you plan to install software, Diskeeper Administrator will save you significant time.
- 2. After installing Diskeeper Administrator, return to the V-locity installation package file(s) you downloaded and double-click the **VLLanguageV-locity.exe** file (this is a self-extracting file).



This will extract the V-locity software into the selected folder under folder name V-locity. Subfolders will also be created labeled V-locity\_Host and V-locity\_Guest. Inside these folders, there will be subfolders labeled **X86** (for V-locity running on Windows 32-bit operating systems) and **X64** (for V-locity components that natively support Windows 64-bit operating systems).



When the extraction process is complete, you will see something similar to this:

The extraction process also extracts a setup.exe program which can be ignored. (It is only used for local system installations.)

3. After the files have been extracted, the installation will automatically start. When you get to this screen, cancel out of the installation process (unless you want to also install V-locity on the local system.)



4. To install V-locity with Diskeeper Administrator, you also need product license files corresponding to the V-locity component(s) you are installing. License files (License*ComponentName*.VLL) can be downloaded from your online Diskeeper Account located at www.Diskeeper.com/Account.

Order Number: V-Locity							
Company:Diskeeper Corporation PO#: V-Locity							
The following download(s) are complete packages with your license built-in. When prompted, click "Save". Once the file download(s) complete, open the downloaded file and install the product. We recommend downloading one file at a time.							
Items Qty. Click To Download Diskeeper Admin License							
			License				

Select the **Admin License** link, and when prompted, browse to the folder where you downloaded the V-locity installation package.

**Note:** You will need a separate License.VLL file for each V-locity component you are installing. These individual License.VLL files must be saved in separate locations. When done, it will look similar to this:

(example showing V-locity Guest)



5. Launch Diskeeper Administrator and run the Add License Files wizard.

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Quick L	aunch		Manag	je Diskeeper S	Goftware	e Licens	ing									
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Manage	e Diskeeper	$\odot$														
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- <u>8</u>	Software Licensing		Disk	keeper Edition		Version	i i	Full		Upgrade		Combined		Available	Used	
	applied to computers on your network.		Prof	fessional		2010			0		0		0		0	0
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9	Diskeeper		Lice	nses												
	Connect to an individual computer and control		Lice	ense Number	Тур	e Di	iskeeper E	dition	Version	Licensee	Full	icense Count	Reseller	Trial Period	Expiry Date	
	Manage Diskeeper Product Activation Manage the activation of Diskeeper on remote computers															
Automa	tic Defrag Management	۲														
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Browse to the License.VLL file for each V-locity component you plan to deploy. (These license files will be located in the folders you specified when you downloaded them.) **Note:** To be able to browse to a folder on a remote machine, ensure the folder on the remote machine with the V-locity license and installation files is "shared".

6. Once your license files have been added to the Diskeeper Administrator database, run the Install Diskeeper wizard.



7. After selecting the V-locity component, when prompted, browse to the respective **Setup.exe** file for that component. (Keep in mind that you may possibly have X32 and X64 versions, so be sure to specify the correct one.)

teps	Select Edition and	Package				
Introduction	Select the Diskee to download and	per edition y	you want to inst test build of the	all on your computers, an selected Diskeeper edition	d select the installation file m, or specify an existing [	e to use. You can choos Diskeeper installation file
Select Edition and Package	a shared network	folder or CD	-ROM. Select I	om these options and cli	ck Next to continue.	
	Select Instal	lation File	2			[
	O Download a	nd install the	e latest build fro	m the Diskeeper Corpora	tion website	
Specity Installation Location	Select this o	ption to dov	vnload and insta	I the latest build of the D	iskeeper edition you sele	cted above.
lelect O Magnemation Policy	Specify or b     Select this o	owse to the ption if you	e Setup exe inst already have th	allation file in a shared fol e Setup exe file for the D	der or on a network CD-F iskeeper edition and build	IOM I you want to
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8. Continue the installation until complete.

## Option 2 - Using a network software distribution program to perform a silent installation from the command line

Most software distribution programs rely on access to a **Setup.exe** file. Follow these steps to extract the Setup.exe file necessary for installation with this type of tool:

1. Begin by double-clicking the VL*Language*V-locity.exe file you downloaded from the Diskeeper Corporation website (this is a self-extracting file).



This will extract the V-locity software into the selected folder under the folder name V-locity. Subfolders will also be created labeled V-locity\_Host and V-locity\_Guest. Inside these folders, there will be subfolders labeled **X86** (for V-locity running on Windows 32-bit operating systems) and **X64** (for V-locity components that natively support Windows 64-bit operating systems). When the extraction process is complete, you will see something similar to this:

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Good     ↓     V-locity installation doc     ↓     V-locity ↓     ↓	Search V-locity	٩
<u>Eile Edit View Tools H</u> elp		
Organize   Include in library   Share with   New folder		
<ul> <li>V-locity_Guest</li> <li>V-locity_Host</li> <li>V-locity_HostUI</li> <li>VMWareESX</li> <li>demo.dbd</li> <li>gdiplus.dll</li> <li>Installing-V-locity-on-your-Network</li> <li>setup</li> </ul>		
8 items		

2. After the files have been extracted, the installation will automatically start. Do not continue the process past the screen as shown below; instead, select the option to cancel the demo (unless you want to also install the software on the local system).



3. After canceling, you will find a **Setup.exe** file in the **X86** or **X64** folders as appropriate for your installation. Use this Setup.exe file, along with any installation parameters needed, with your software distribution tool.

# **Option 3 - Creating an Administrative Install (e.g. for Active Directory® deployment).**

Another installation option is to create an "administrative install" using a .msi (Microsoft<sup>®</sup> Installer) server image for installation. Follow these steps to create the .msi package for administrative installations:

1. Begin by double-clicking the VLLanguageV-locityProductComponentName.exe file you downloaded from the Diskeeper Corporation website (this is a self-extracting file).



This will extract the V-locity software into the selected folder under the folder name V-locity. Subfolders will also be created labeled V-locity\_Host and V-locity\_Guest. Inside these folders, there will be subfolders labeled **X86** (for V-locity running on Windows 32-bit operating systems) and **X64** (for V-locity components that natively support Windows 64-bit operating systems). When the extraction process is complete, you will see something similar to this:

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<u>Eile E</u> dit <u>V</u> iew <u>T</u> ools <u>H</u> elp		
Organize   Include in library   Share with   New folder	88 <b>-</b>	
<ul> <li>V-locity_Guest</li> <li>V-locity_Host</li> <li>V-locity_HostUI</li> <li>VMWareESX</li> <li>demo.dbd</li> <li>gdiplus.dll</li> <li>Installing-V-locity-on-your-Network</li> <li>setup</li> </ul>		
8 items		

2. After the files have been extracted, the installation will automatically start. Do not continue the process past the "Demo" screen as shown below; instead, select the option to cancel the demo (unless you want to also install the software on the local system).

V-locit	ty 2	Diskeeper	
Software Installation	Additional Resources	1//	
	Install V-locity Guest		
	Install V-locity Host for Hyper-V		
	Install V-locity Host for ESX	Click he	re to cancel.
	Install V-locity Host UI*		
*Only with ESX Server 3.5/4.0		×	

3. After canceling the demo, you will find a **Setup.exe** file in the **X86** or **X64** folders as appropriate for your installation. Use this file to create the **V-locity.msi** file used for administrative installations by issuing this command at the Windows command prompt. Note: You must issue this command from the directory where the Setup.exe file resides, or include the path to the file in the command:

setup.exe /a

4. This command starts the creation of a server image of the V-locity installation. Click Next when the installation Welcome screen is displayed:



5. In the next window, click Change to specify the folder where you want the server image to be saved, then click Install.

🚽 V-locity 2.0 Host - Install	Shield Wizard
Network Location Specify a network location	for the server image of the product.
Enter the network location server image of V-locity 2, the wizard. <u>N</u> etwork location:	or dick Change to browse to a location. Click Install to create a 0 Host at the specified network location or click Cancel to exit
B:/	
InstallShield	Click here to proceed.

**Note**: The location you specify must be on a network share accessible to the computers on which you are installing V-locity.

6. The final window confirms the operation is complete. Click Finish to close the window.



7. After the server image has been created, the **V-locity.msi** file necessary for administrative installations will be in the location you specified in the earlier step.

Organize 👻 Include in library 👻	Share with 👻 New fold	er 🗄	•
Name	Date modified	Туре	Size
길 Common64	6/24/2010 10:39 AM	File folder	
🍌 CommonAppData	6/24/2010 10:39 AM	File folder	
🍌 Program Files 64	6/24/2010 10:39 AM	File folder	
퉬 Windows	6/24/2010 10:39 AM	File folder	
IP violity 2.0 Host	0/24/2010 10:55 AM	WINDOWS INStaller in	

8. Use any software installation routine to launch the .**msi** file as you normally would, adding the parameters of your choice. For example:

V-locity.msi /qn

### Installing V-locity Host on VMware® ESX platforms

1. Begin by double-clicking the VLLanguageV-locityProductComponentName.exe file you downloaded from the Diskeeper Corporation website (this is a self-extracting file).



This will extract the V-locity software into the selected folder under the folder name V-locity. Inside this folder, there will be a subfolder labeled **VMWareESX**.

When the extraction process is complete, you will see something similar to this:

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Organize 👻 Include in library 👻 Share with 👻 New folder	88 <b>-</b>	=	•
<ul> <li>V-locity_Guest</li> <li>V-locity_Host</li> <li>V-locity_HostUI</li> <li>VMWareESX</li> <li>demo.dbd</li> <li>gdiplus.dll</li> <li>Installing-V-locity-on-your-Network</li> <li>setup</li> </ul>			
8 items			

2. After the files have been extracted, the installation will automatically start. Do not continue the process past the "Demo" screen as shown below; instead, select the option to cancel the demo (unless you want to also install the software on the local system).

<b>V</b> ·locit	<b>y</b> 2	Diskeeper	
Software Installation	Additional Resources		
	Install V-locity Guest		
	Install V-locity Host for Hyper-V		
_	Install V-locity Host for ESX	Click h	ere to cancel.
_	Install V-locity Host UI*		
*Only with ESX Server 3.5/4.0		×.	

1. (Optional) Next, download two tools that will assist in the installation process. If you have these tools, or equivalent tools you can skip this step.

Remote management (SSH/Telnet client) tool PuTTY can be downloaded here: <a href="http://the.earth.li/~sgtatham/putty/latest/x86/putty.exe">http://the.earth.li/~sgtatham/putty/latest/x86/putty.exe</a>

Remote file copy (FTP) tool WinSCP can be downloaded here: <a href="http://winscp.net/download/winscp427setup.exe">http://winscp.net/download/winscp427setup.exe</a>

2. Create a user on the ESX Server using the ESX service console or Putty. Alternatively, an existing user account (e.g. Root) can be used.

Commands for New User:

- a. Create new user: useradd <username>
- b. Create password: passwd <username>

3. Find the .tar.gz files in the VMWareESX folder, it will look something like this.

O v v-locity > VMWare	ESX		arch VMWareESX
<u>File Edit View Tools H</u> elp			
Organize 👻 Include in library 💌	Share with 🔻 New fol	der	
Name	Date modified	Туре	Size
VMVIocity_ESX3.tar.gz	6/9/2010 5:21 PM	GZ File	400 KB
VMVIocity_ESX4.tar.gz	6/9/2010 5:21 PM	GZ File	392 KB
2 items			

**4.** Using WinSCP, copy the file VMVlocity\_ESX3.tar.gz / VMVlocity\_ESX4.tar.gz to any directory of your choice on the ESX server machine.

💊 root - root@10.6.1.152 - WinS	CP.					
Local <u>M</u> ark <u>Files</u> <u>C</u> ommands	Session Options Remote Help	◎  ⑦   Default 	•   <b>5</b> •			
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0 B of 34,066 K/B in 0 of 171	0 B of 17.596 B in 0 of 5 5 Copy 🍰 F6 Move 💣 F7 Create Dire	ctory 🗙 F8 Delet	e 😁 F9 Properties 🧘	F10 Quit	9	0:10:07

5. From the ESX console run the below commands (you can also do this using PuTTY):



- a. Unzip the file with command "gunzip VMVlocity\_ESX3.tar.gz" (for ESX 4.0 use the file VMVlocity\_ESX4.tar.gz)
- Untar the file with command "tar –xzvf VMVlocity\_ESX3.tar" (for ESX 4.0 use the file VMVlocity\_ESX4.tar)
- c. To install you can run "./install.sh"
- d. Provide user name of the account that will be used to administer V-locity.

**Note**: The installation will also open the port 8255 in order to allow communications with Remote UI program that you install on your desktop.

6. Manually install the Remote UI (file in folder V-locity\_HostUI) on your Windows desktop(s).

### Uninstalling V-locity Host on VMware® ESX platforms

1. Run the file "./uninstall.sh" or you can run the command "rpm -e VMVlocity"

### Installing V-locity Host UI on Your Windows Workstation

Most software distribution programs rely on access to a **Setup.exe** file. Follow these steps to extract the Setup.exe file necessary for installation with this type of tool:

1. Begin by double-clicking the VL*Language*V-locity.exe file you downloaded from the Diskeeper Corporation website (this is a self-extracting file).



This will extract the V-locity software into the selected folder under the folder name V-locity. Subfolders will also be created labeled V-locity\_HostUI. Inside these folders, there will be subfolders labeled **X86** (for V-locity running on Windows 32-bit operating systems) and **X64** (for Vlocity components that natively support Windows 64-bit operating systems). When the extraction process is complete, you will see something similar to this:

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<ul> <li>V-locity_Guest</li> <li>V-locity_Host</li> <li>V-locity_HostUI</li> <li>VMWareESX</li> <li>demo.dbd</li> <li>gdiplus.dll</li> <li>Installing-V-locity-on-your-Network</li> <li>setup</li> </ul>					
8 items					

2. After the files have been extracted, the installation will automatically start. If you do not wish to install V-locity Host UI on your local system, do not continue the process past the screen as shown below; instead, select the option to cancel the demo.



3. If you want to install V-locity Host UI on another machine, you will find a **Setup.exe** file in the **X86** or **X64** folders as appropriate for your installation. Copy the Setup.exe file to the machine of your choice and begin the installation process there.

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