



V-locity® 6.1 - Licensing V-locity on Virtual Machines Guide

Contents

Contents	1
License V-locity on Virtual Machines via Association to the Default Hypervisor	2
Step 1 – Modify Default Hypervisor Cores / Sockets	2
Step 2 – Deploy V-locity to VMs.....	3
Step 3 – Assign the Default Hypervisor to an Available License	4
License V-locity on VMs via Association to a Licensed Hypervisor	5
Step 1 – Deploy V-locity to Virtual Machines	5
Step 2 – Designate a System as a Hypervisor or Add a Cloud Hypervisor	6
Step 3 – Associate Virtual Machines to a Hypervisor	7
Step 4 – Assign a Hypervisor to an Available License	8

License V-locity on Virtual Machines via Association to the Default Hypervisor

To make licensing V-locity on virtual machines (VMs) easier, an item named “Default Hypervisor” is automatically created in the VMC.

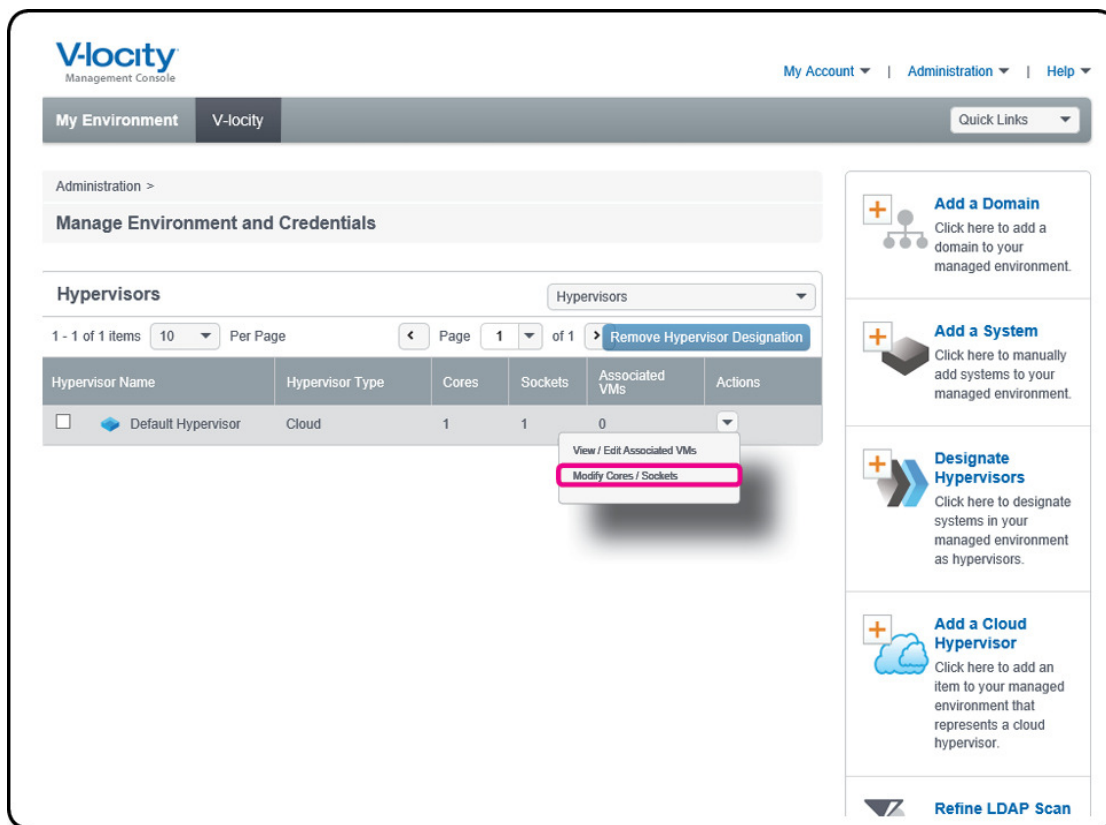
The Default Hypervisor is displayed in the **Manage Licenses** screen, in the **Hypervisor view** of the **My Environment** screen and in the **Hypervisor view** of the **Manage Environment and Credentials** screen.

Licensing V-locity on virtual machines via the Default Hypervisor is a three-step process:

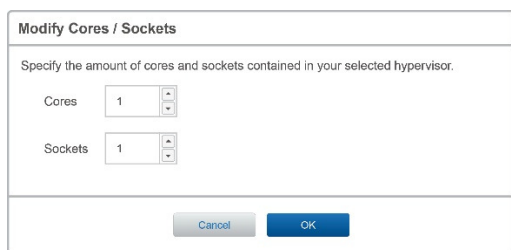
Step 1 – Modify Default Hypervisor Cores / Sockets

The Default Hypervisor is automatically created with a Cores / Sockets value of one. If you are using a license model based on Cores or Sockets, and you intend to use the Default Hypervisor as your means of licensing your VM’s, you should modify the count of Cores / Sockets to be equal to the total aggregate of all the Hypervisors in your environment that will be hosting VM’s with V-locity. A license assigned to the Default Hypervisor will use this count to reduce the licensing units available.

Navigate to the **Manage Environment and Credentials** screen using the drop-down menu at the top right of the V-locity Management Console labelled **Administration**. Use the dropdown menu to view **Hypervisors**. Select the **Action Menu** of the Default Hypervisor. Select **Modify Cores / Sockets**.



The screenshot shows the V-locity Management Console interface. At the top, there is a navigation bar with "My Account", "Administration", and "Help" menus. Below this is a "My Environment" header with a "V-locity" sub-header and a "Quick Links" dropdown. The main content area is titled "Manage Environment and Credentials" and contains a "Hypervisors" section. This section includes a table with columns for "Hypervisor Name", "Hypervisor Type", "Cores", "Sockets", "Associated VMs", and "Actions". The "Default Hypervisor" is listed with 1 Core and 1 Socket. A dropdown menu is open for the "Default Hypervisor" row, showing options like "View / Edit Associated VMs" and "Modify Cores / Sockets", with the latter highlighted in pink. To the right of the table are several action cards: "Add a Domain", "Add a System", "Designate Hypervisors", and "Add a Cloud Hypervisor". At the bottom right, there is a "Refine LDAP Scan" button.

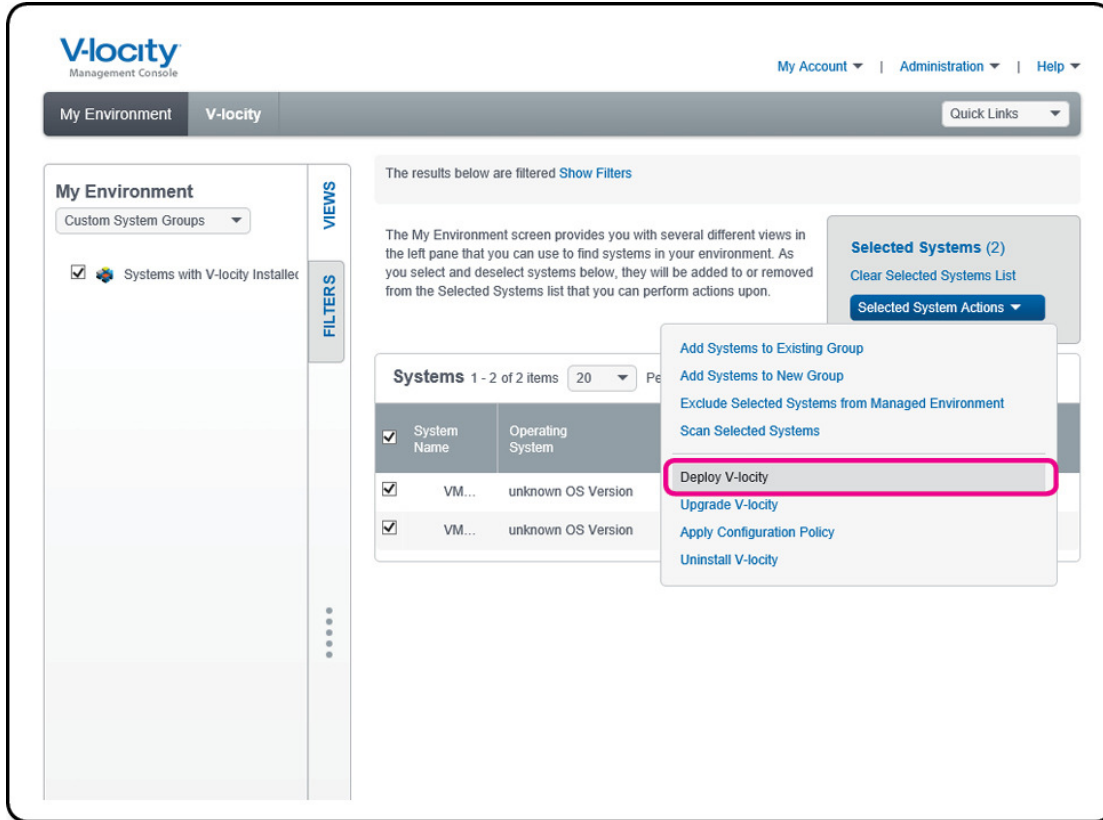


The "Modify Cores / Sockets" dialog box is shown. It contains the text "Specify the amount of cores and sockets contained in your selected hypervisor." Below this text are two input fields: "Cores" with a value of 1 and "Sockets" with a value of 1. At the bottom of the dialog, there are "Cancel" and "OK" buttons.

Step 2 – Deploy V-locity to VMs

The VMC uses an LDAP scan to display systems in your managed environment. Therefore, the VMC does not know a system is a VM until after V-locity has been deployed.

Once a system that is a VM has V-locity deployed to it, the VMC will automatically associate it to the Default Hypervisor.



The screenshot displays the V-locity Management Console interface. The top navigation bar includes the V-locity logo, 'My Account', 'Administration', and 'Help'. The main header shows 'My Environment' and 'V-locity' tabs, along with a 'Quick Links' dropdown. On the left, a sidebar titled 'My Environment' features a 'Custom System Groups' dropdown and a checked checkbox for 'Systems with V-locity Installed'. The main content area shows a message: 'The results below are filtered Show Filters'. Below this, a text block explains the 'My Environment' screen's functionality. A table titled 'Systems 1 - 2 of 2 items' lists two systems, both with 'unknown OS Version'. A context menu is open over the table, listing actions such as 'Add Systems to Existing Group', 'Add Systems to New Group', 'Exclude Selected Systems from Managed Environment', 'Scan Selected Systems', 'Deploy V-locity' (highlighted with a pink border), 'Upgrade V-locity', 'Apply Configuration Policy', and 'Uninstall V-locity'. A 'Selected Systems (2)' panel is also visible, containing 'Clear Selected Systems List' and 'Selected System Actions' buttons.

System Name	Operating System
VM...	unknown OS Version
VM...	unknown OS Version

Step 3 – Assign the Default Hypervisor to an Available License

The Default Hypervisor is automatically added to the **Unlicensed V-locity Installations and Unlicensed Hypervisors** tile of the **Manage Licenses** screen.

Select this tile to display a list of the systems with V-locity installed and hypervisors (including the Default Hypervisor) that have not been assigned to a license. Select the Default Hypervisor from the **Systems Assigned to Selected License** list and then select the **Assign to License** option from the Actions menu. This option will open a dialog where you may choose one of your available licenses for assignment.

The screenshot shows the V-locity Management Console interface. At the top, there's a navigation bar with 'My Account', 'Administration', and 'Help'. Below that, a breadcrumb trail shows 'My Environment' > 'V-locity'. The main content area is titled 'Manage Licenses' and contains a 'Licensing Overview' section. This section has two buttons: 'Remove Selected License' and 'Add / Rename Licenses'. It displays two license tiles: 'host 2' (Type: Site License, Units: Host) and 'core 2' (Type: Site License, Units: Cores). The 'Unlicensed V-locity Installations and Unlicensed Hypervisors' tile shows 'Unlicensed: 1'. Below this is a table titled 'Systems Assigned to Selected License' with a search bar and pagination controls. The table has columns for 'System Name', 'Operating System', 'System Type', and '# of Units'. One row is visible: 'Default Hypervisor' with '0' units. To the right of the table is an 'Actions' dropdown menu with options 'Reclaim License' and 'Assign to License'. A red box highlights the 'Default Hypervisor' row, and a red arrow points from it to the 'Assign to License' button.

System Name	Operating System	System Type	# of Units
<input checked="" type="checkbox"/> Default Hypervisor	Minimum OS Version	Hypervisor	0

License V-locity on VMs via Association to a Licensed Hypervisor

If you prefer NOT to use the Default Hypervisor to License V-locity on your VMs, manually licensing V-locity on virtual machines is a four-step process:

Step 1 – Deploy V-locity to Virtual Machines

The VMC uses an LDAP scan to display systems in your managed environment. Therefore, the VMC does not know a system is a virtual machine (VM) until after V-locity has been deployed. Once a system that is a VM has V-locity deployed to it, the VMC will display it as an unlicensed VM.

The screenshot shows the V-locity Management Console interface. The top navigation bar includes 'My Account', 'Administration', and 'Help'. The main content area is titled 'My Environment' and shows a list of systems. A context menu is open over the selected systems, with the 'Deploy V-locity' option highlighted in a pink box. The context menu options include: 'Add Systems to Existing Group', 'Add Systems to New Group', 'Exclude Selected Systems from Managed Environment', 'Scan Selected Systems', 'Deploy V-locity', 'Upgrade V-locity', 'Apply Configuration Policy', and 'Uninstall V-locity'. The system list shows two items, both with 'unknown OS Version'.

System Name	Operating System
VM...	unknown OS Version
VM...	unknown OS Version

Step 2 – Designate a System as a Hypervisor or Add a Cloud Hypervisor

The VMC uses an LDAP scan to display systems in your managed environment. Therefore, the VMC does not know a system is a hypervisor unless you manually designate it as a hypervisor.

To designate a system as a hypervisor, click on the right-pane **Designate Hypervisors** option on the **Manage Environment and Credentials** screen to open a dialog that allows you to designate systems in your managed environment as hypervisors. Systems designated as Hypervisors are added to the Hypervisors view accessible from the **My Environment** screen.

To add a cloud hypervisor, click on the right-pane Add a Cloud Hypervisor option to open a dialog where you may enter a name of an item that will represent a cloud (unreachable) hypervisor in your managed environment. The name that you enter for your cloud hypervisor must be unique (cannot be the same as a system that already exist in your managed environment). In this dialog you also need to specify the amount of cores and sockets contained in your cloud hypervisor (for licensing purposes).

V-locity Management Console

My Account | Administration | Help

My Environment V-locity Quick Links

Administration >

Manage Environment and Credentials

Domains

1 - 1 of 1 items 10 Per Page Page 1 of 1 Actions

Domain Name	User Name	Issue with Credentials
<input type="checkbox"/> enr.local	dklmaxh	

Add a Domain
Click here to add a domain to your managed environment.

Add a System
Click here to manually add systems to your managed environment.

Designate Hypervisors
Click here to designate systems in your managed environment as hypervisors.

Add a Cloud Hypervisor
Click here to add an item to your managed environment that represents a cloud hypervisor.

Refine LDAP Scan

Step 3 – Associate Virtual Machines to a Hypervisor

Click on the **View / Edit Associated VMs** option in the line-item actions menu of a hypervisor in the Hypervisors view of the **Manage Environment and Credentials** screen to navigate the details screen of your selected hypervisor. Once in the Hypervisor Details screen, select the **Edit Virtual Machines** link to open a system selection screen where you may associate and disassociate VMs. VMs can only be licensed via their association to a licensed hypervisor.

The screenshot displays the V-locity Management Console interface. At the top, there is a navigation bar with the V-locity logo, "My Account", "Administration", and "Help" menus. Below this is a breadcrumb trail: "My Environment > V-locity > Administration > Manage Environment and Credentials".

The main content area is titled "Hypervisors" and features a table with the following columns: Hypervisor Name, Hypervisor Type, Cores, Sockets, Associated VMs, and Actions. The table contains one entry: "Default Hypervisor" (Type: Cloud, Cores: 1, Sockets: 1, Associated VMs: 0). A red box highlights the "View / Edit Associated VMs" link in the Actions column, with a sub-link "Modify Cores / Sockets" below it.

On the right side of the interface, there is a sidebar with several action cards: "Add a Domain", "Add a System", "Designate Hypervisors", and "Add a Cloud Hypervisor". At the bottom of the sidebar is a "Refine LDAP Scan" button.

Hypervisor Name	Hypervisor Type	Cores	Sockets	Associated VMs	Actions
<input type="checkbox"/> Default Hypervisor	Cloud	1	1	0	View / Edit Associated VMs Modify Cores / Sockets

Step 4 – Assign a Hypervisor to an Available License

Systems that you designate as hypervisors and cloud hypervisors are automatically added to the **Unlicensed V-locity Installations and Unlicensed Hypervisors** tile of the **Manage Licenses** screen. Select this tile to display a list of the systems with V-locity installed and hypervisors that have not been assigned to a license.

To assign an unassigned hypervisor to one of your available licenses, select the hypervisor from the **Systems Assigned to Selected License** list and then select the **Assign to License** option from the Actions menu. This option will open a dialog where you may choose one of your available licenses for assignment.

The screenshot shows the V-locity Management Console interface. At the top, there's a navigation bar with 'My Account', 'Administration', and 'Help'. Below that, a breadcrumb trail shows 'Administration > Manage Licenses'. The main content area is titled 'Licensing Overview' and contains three license tiles. The first tile, 'Unlicensed V-locity Installations and Unlicensed Hypervisors', shows 'Unlicensed: 1'. The second tile, 'host 2', shows 'Available Units: 2' and 'Allocated Units: 0'. The third tile, 'core 2', shows 'Available Units: 2' and 'Allocated Units: 0'. Below the tiles is a table titled 'Systems Assigned to Selected License' with a search bar and pagination controls. The table has columns for 'System Name', 'Operating System', 'System Type', and '# of Units'. One system is listed: 'Default Hypervisor' with 'unknown OS Version', 'Hypervisor' type, and '0' units. An 'Actions' dropdown menu is open for this system, showing 'Reclaim License' and 'Assign to License' (highlighted with a pink box). The footer contains the copyright notice: '© 2015 Conduvis Technologies Corporation. All Rights Reserved.'

© 2016 Conduvis Technologies Corporation. All Rights Reserved. Conduvis and V-locity are trademarks or registered trademarks of Conduvis Technologies Corporation in the United States and other countries.

Microsoft and System Center Configuration Manager (SCCM) are either registered trademarks or trademarks owned by Microsoft Corporation in the United States and/or other countries. All other trademarks are the property of their respective owners.