Installing Cisco IMC Supervisor on Microsoft Hyper-V

About Cisco IMC Supervisor for Hyper-V

Deploying Cisco IMC Supervisor in a Hyper-V environment is supported.

Note We recommend deploying Cisco IMC Supervisor on the Hyper-V Manager host, rather than the SCVMM console.

Prerequisites

- Installation of Hyper-V Manager
- Configured system administrator privileges
- Cisco IMC Supervisor installed on Hyper-V host

Installing Cisco IMC Supervisor on Microsoft Hyper-V

Before You Begin

System administrator privileges for Hyper-V are required.

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Note   If you do not want to use DHCP, you need the following information: IP address, subnet mask, and default gateway.

Procedure

Step 1   Log into the Hyper-V host.

Step 2   Choose **Start** > **Administrative Tools** to open **Hyper-V Manager.**

Step 3   In the **Hyper-V Manager** dialog box, choose **New** > **Virtual Machine**.

Step 4   In the **Before You Begin** pane, choose the custom configuration option and click **Next**.

Step 5   In the **Specify Name and Location** pane, in the **Name** field, edit the VM name and click **Next**.

Step 6   In the **Specify Name and Location** pane, check the **Store the virtual machine in a different location** checkbox and specify the alternate location.

Step 7   Click **Next**.

Step 8   In the **Assign Memory** pane, enter the amount of memory to allocate to this VM (8192 MB minimum) and click **Next**.

Step 9   In the **Configure Networking** pane, do not make any changes to the settings specified for the **Connection** field and click **Next**.

Step 10   In the **Connect Virtual Hard Disk** pane, do not make any changes to the settings specified for the **Connection** field.

Step 11   Click **Next**.

Step 12   In the **Completing the New Virtual Machine Wizard** pane, verify the settings and click **Finish**.

Step 13   In the **Hyper-V Manager** pane, right-click the new VM and choose **Settings**.

Step 14   In the **Navigation** pane, choose **IDE Controller 0**.

Step 15   In the **IDE Controller** pane, choose **Hard Drive** and click **Add.**

Step 16   In the **Hard Drive** pane, click **Browse**, choose the downloaded Cisco IMC Supervisor .vhd file and click **Open.**

Step 17   Click **Apply**.

Step 18   Review the virtual hard drive properties.

Step 19   In the **Navigation** pane, choose **Memory.**

Step 20   In the **Memory** pane, enter the recommended value (minimum 12 GB) and drag the **Memory weight** to **High**.

Step 21   In the **Navigation** pane, choose **Processor**.

Step 22   In the **Processor** pane, choose the recommended value (4 vCPU) and in the **Resource Control** pane, enter 100 in the **Virtual machine reserve (percentage)** field.

Step 23   In the **Navigation** pane, choose **Network Adapter**.

Step 24   Click **Remove** to remove the network adapter that was created when you created the new VM.

Step 25   In the **Navigation** pane, choose **Add Hardware**.

Step 26   In the **Add Hardware** pane, choose **Legacy Network Adapter** and click **Add**.

Step 27   In the **Legacy Network Adapter** pane, in the **Network** field, choose **Local Area Connection - Virtual Network** and click **Apply**.

Step 28   Verify that you have sufficient vCPU and Memory resources allocated.

For the minimum system requirements, see Minimum System Requirements.

Step 29 Click **OK**.

Step 30 Power on the VM.
Optionally you can configure network properties from the shelladmin.

Step 31 After the appliance restarts, copy and paste the Cisco IMC Supervisor IP address that is displayed into a supported web browser to access the **Login** page.

Step 32 At the login prompt, enter `admin` for username and `admin` for the password to log into Cisco IMC Supervisor.

Note Change your administrator password after this initial login.

What to Do Next

Update your license.

Installing Cisco IMC Supervisor on Microsoft Hyper-V for Windows 2012 R2

Before You Begin

- System administrator privileges for Hyper-V are required.

- Windows 2012 R2 with Hyper-V Manager version 6.3.9

Note By default, this version of Microsoft Hyper-V uses DHCP. If you want to use a static IP address instead of DHCP, you can change this configuration through the shelladmin.

Procedure

Step 1   Log into the Hyper-V host.

Step 2   Choose **Start** > **Administrative Tools** to open **Hyper-V Manager.**

Step 3   In the **Hyper-V Manager** dialog box, choose **New** > **Virtual Machine**.

Step 4   In the **Before You Begin** pane, click **Next**.

Step 5   In the **Name and Location** pane, in the **Name** field, edit the VM name and click **Next**.

Step 6   In the **Specify Name and Location** pane, check the **Store the virtual machine in a different location** checkbox and specify the alternate location.

Step 7   Click **Next**.

Step 8   In the **Assign Memory** pane, enter the amount of memory to allocate to this VM (8192 MB minimum) and click **Next**.

Step 9   In the **Configure Networking** pane, do not make any changes to the settings specified for the **Connection** field and click **Next**.

Step 10   In the **Connect Virtual Hard Disk** pane, do not make any changes to the settings and click **Next**.

Step 11   In the **Completing the New Virtual Machine Wizard** pane, verify the settings and click **Finish**.

Step 12   In the **Navigation** pane, right-click the new VM and choose **Settings**.

Step 13   In the **Navigation** pane, choose **IDE Controller 0**.

Step 14   In the **IDE Controller** pane, choose **Hard Drive** and click **Add.**

Step 15   In the **Hard Drive** pane, choose the downloaded Cisco IMC Supervisor .vhd file and click **OK.**

Step 16   Review the virtual hard drive properties.

Step 17   In the **Navigation** pane, choose **Memory.**

Step 18   In the **Memory** pane, enter the recommended value (minimum 12 GB).

Step 19   In the **Navigation** pane, choose **Processor**.

Step 20   In the **Processor** pane, enter the recommended value (4 vCPU).

Step 21   Remove the network adapter that was created when you created the new VM.

Step 22   In the **Navigation** pane, choose **Add Hardware**.

Step 23   In the **Add Hardware** pane, choose **Legacy Network Adapter** and click **Add**.

Step 24   In the **Navigation** pane, choose the legacy network adapter.

Step 25   In the **Legacy Network Adapter** pane, in the **Network** field, choose **Local Area Connection - Virtual Network** and click **Apply**.

Step 26   Verify that you have sufficient vCPU and Memory resources allocated.
For the minimum system requirements, see Minimum System Requirements.

Step 27   Power on the VM.
Optionally you can configure network properties from the shelladmin.

Step 28   After the appliance restarts, copy and paste the Cisco IMC Supervisor IP address that is displayed into a supported web browser to access the **Login** page.

Step 29   At the login prompt, enter `admin` for username and `admin` for the password to log into Cisco IMC Supervisor.
Note   Change your administrator password after this initial login.

What to Do Next

Update your license.

Configuring the Network Interface using Shelladmin

This procedure is optional.

Procedure

Step 1   Log in to the Cisco IMC Supervisor VM console with the following credentials:

a) User—shelladmin

b) Password—changeme

If you have already logged into the shelladmin and changed the default password, use your new password instead.

After you have logged in, you can choose `Change shelladmin password` to change the default password.

Step 2   Choose `Configure Network Interface`.

Step 3   At the `Do you want to Configure DHCP/STATIC IP [D/S]` prompt, enter one of the following choices:

   • If DHCP is enabled, enter D (IP addresses are assigned automatically)

   • To configure static IP, enter S, and then choose the interface you want to configure at the next prompt followed by the option to select IPv4 or IPv6. This is followed by the confirmation of the interface selected and the version of IP for which you select **Y** to continue. Then enter the following details:

      ◦ IP address

      ◦ Netmask

      ◦ Gateway

      ◦ (Optional) DNS Server 1

      ◦ (Optional) DNS Server 2

Step 4   Confirm when prompted.