

Dante Domain Manager

VMware ESXi® Installation Instructions

Document version: 1.5

Published: 14th April, 2025



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Contents

1. Installation Instructions for VMware ESXi®	5
1.1. Overview	5
1.2. System Requirements for Hypervisors.....	5
1.3. Creating a DDM Virtual Machine in VMware ESXi®	6

1. Installation Instructions for VMware ESXi®

1.1. Overview

Dante Domain Manager (DDM) is packaged as an ISO file, which includes a streamlined Linux distribution which has been preconfigured for the DDM application.

To install DDM you can create a bootable USB drive (for installing DDM on a bare-metal machine) or import the ISO directly into a virtualization platform. This guide will walk through importing the ISO file and creating a new virtual machine in VMware ESXi.

1.2. System Requirements for Hypervisors

The system requirements for the machine on which DDM is installed vary according to the number of Dante devices DDM is required to support:

No. of Devices	<100	100 - 200	>200
CPUs	2		3
RAM (GB)	4	8	16
Hard Disk (GB)	20		30
Architecture	Intel x86 64-bit		

The physical host machine on which a hypervisor is installed must also meet the above specifications (with additional capacity for any other applications).

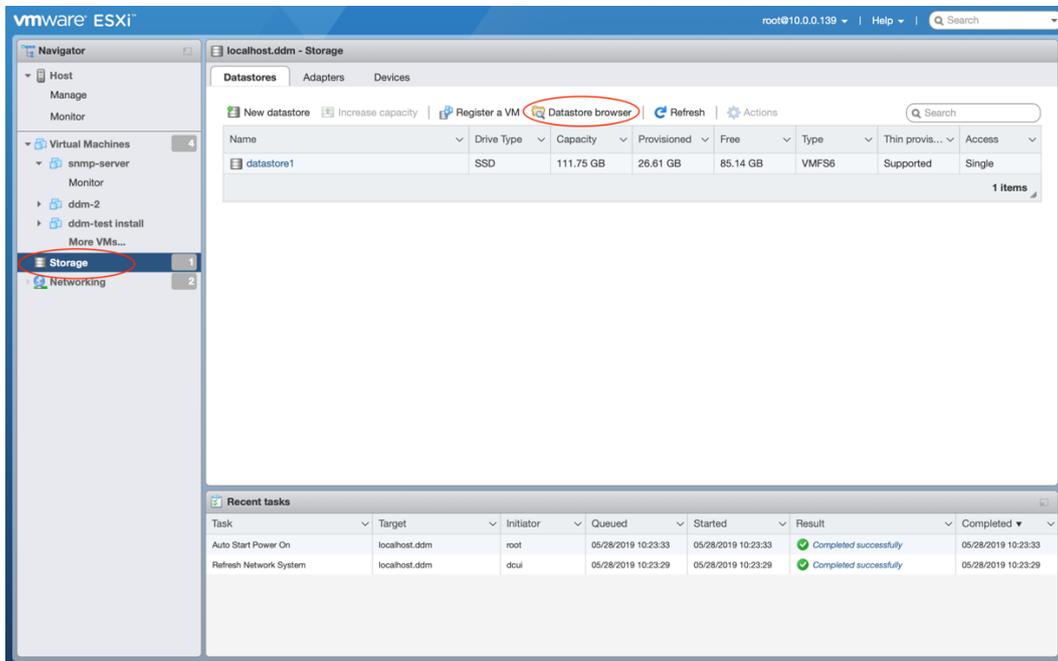
For information about system requirements for HA (High Availability) installations, see the 'Installing DDM' section of the user guide.



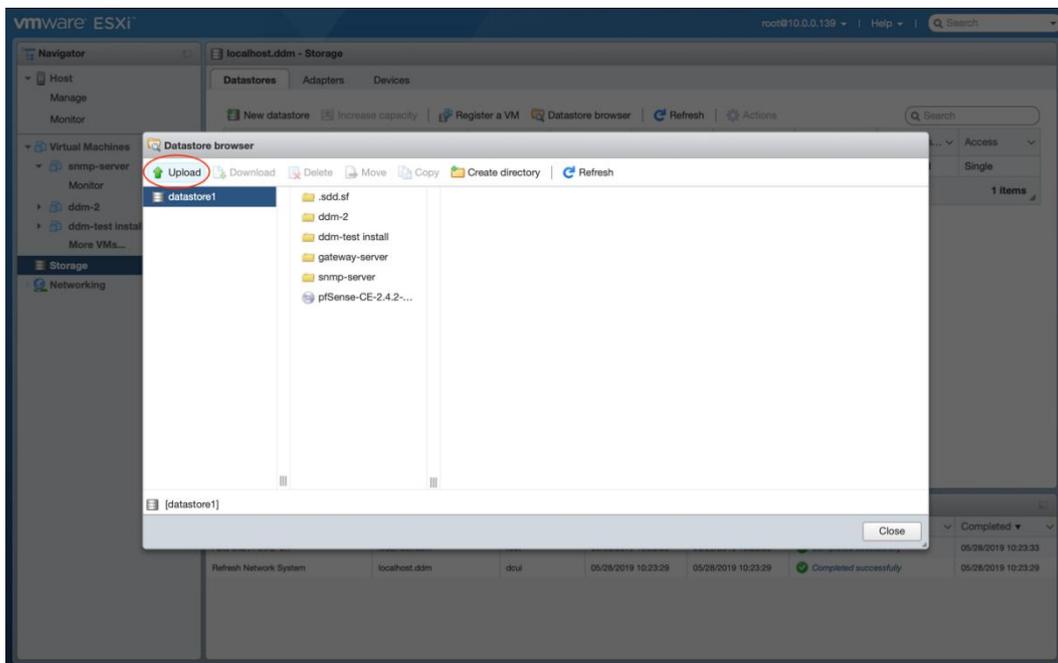
Important Note: Audinate recommends installing DDM software on server grade hardware. Installing DDM onto personal computer hardware running an OS (Windows, MacOS, Linux) is not suitable for a production environments or permanent installations.

1.3. Creating a DDM Virtual Machine in VMware ESXi®

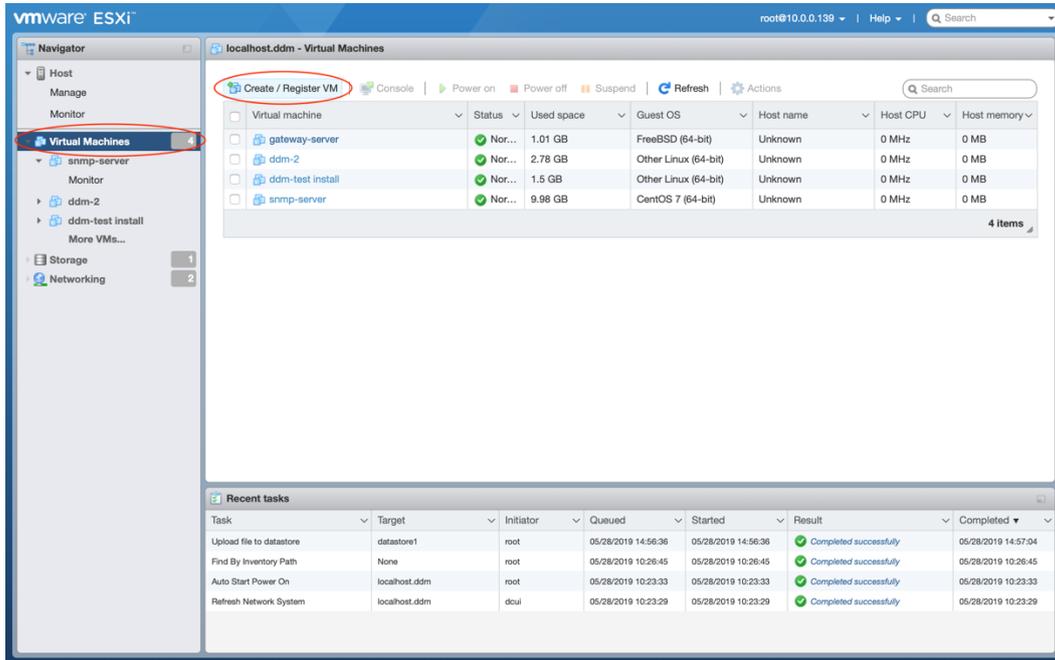
1. After logging into the web browser for VMware ESXi®, Navigate to the **Storage** menu then click **Datastore browser**.



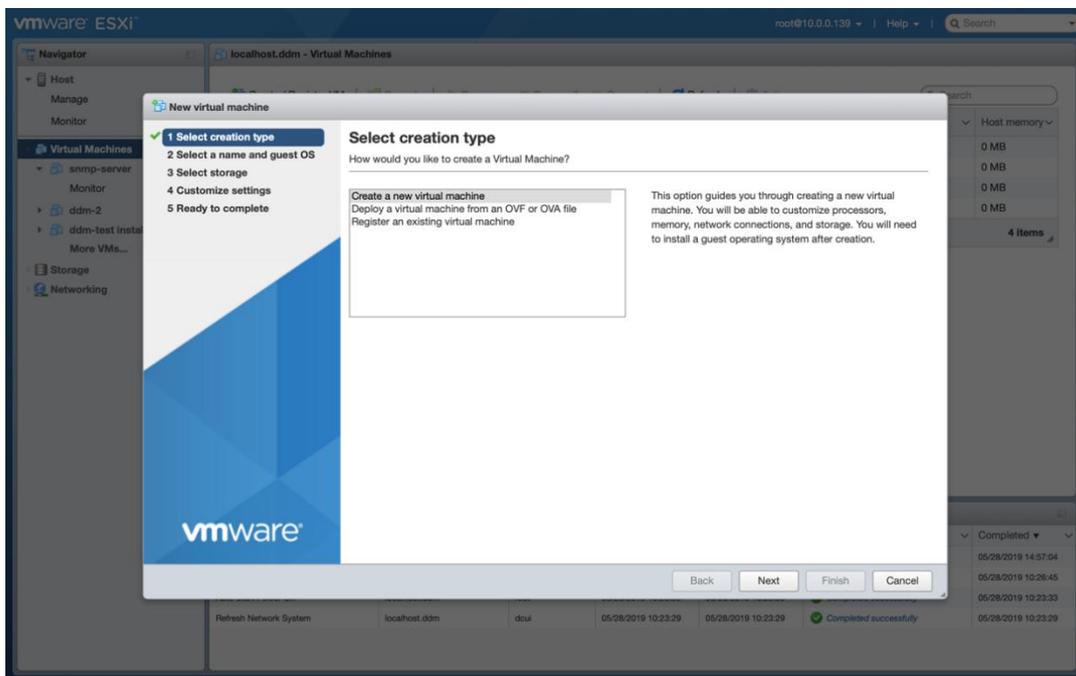
2. In the Datastore browser window click **Upload** and browse for the DDM ISO file. Once the upload completes close the Datastore browser window.



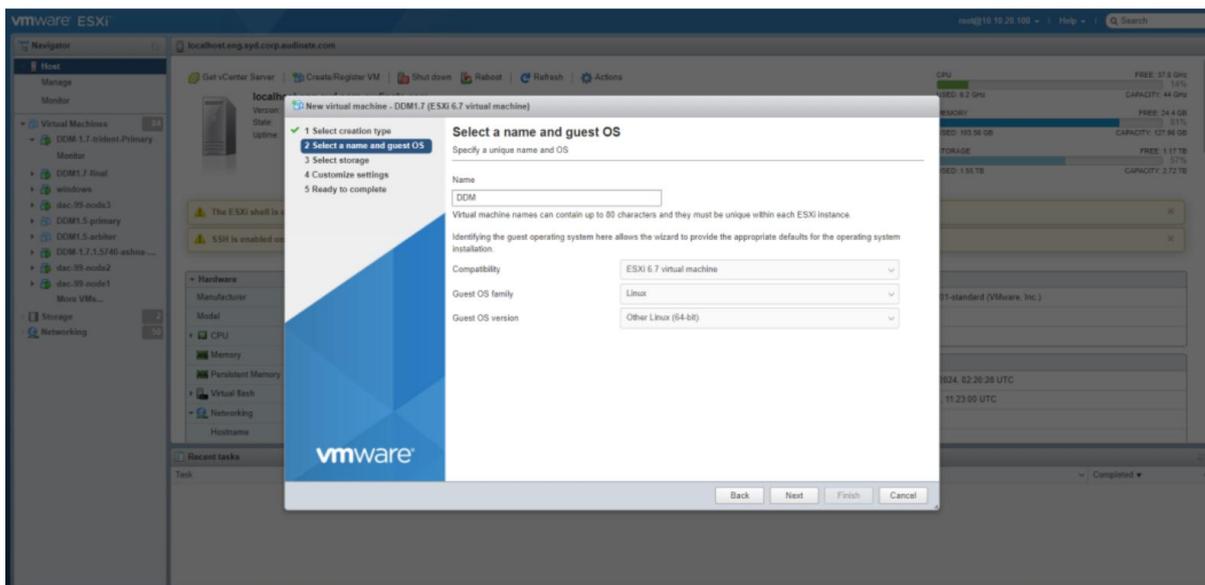
3. Next click the Virtual Machines menu, then **Create/Register VM**.



- On the first page of the New Virtual Machine window select **Create a new virtual machine** then click **Next**.

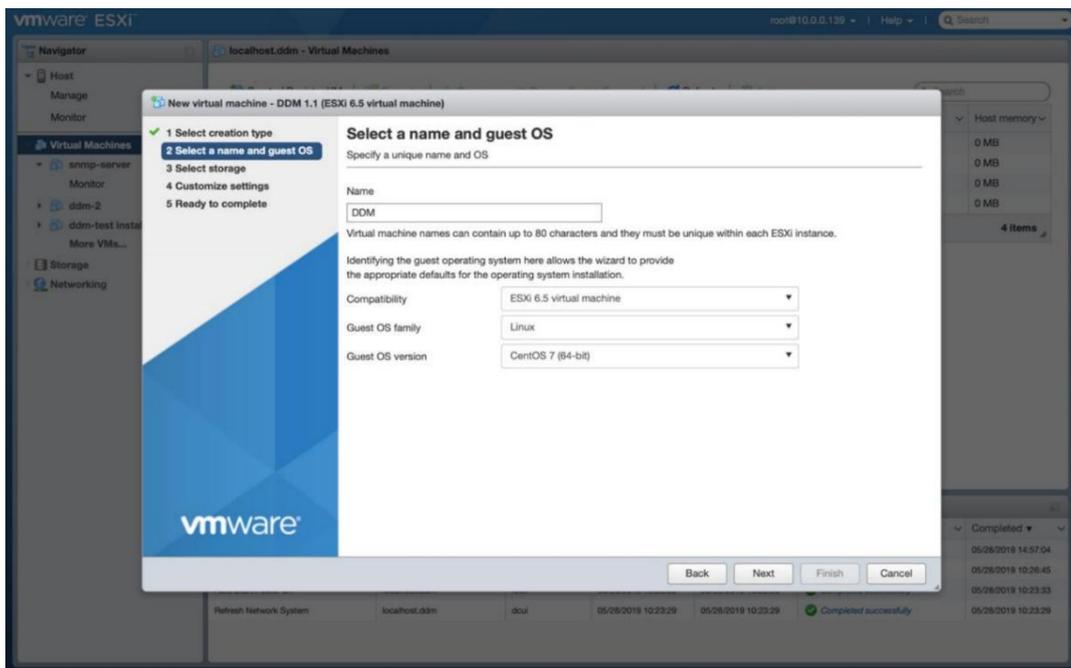


- On the second page name your virtual machine.
- Select Guest OS family: **Linux**.
- For DDM v1.7 or higher, select Guest OS version **Other Linux (64-bit)**.
For DDM v1.5 or lower, select Guest OS version **CentOS 7 (64-bit)**.
- Click **Next**.



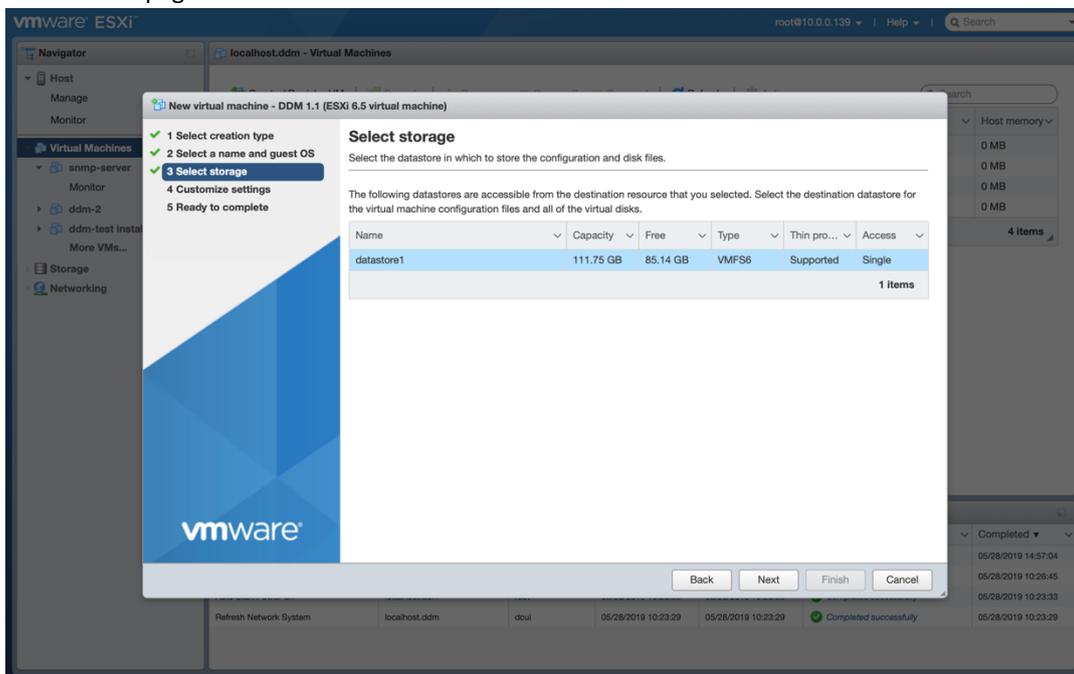
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Guest OS settings for DDM v1.7 or higher



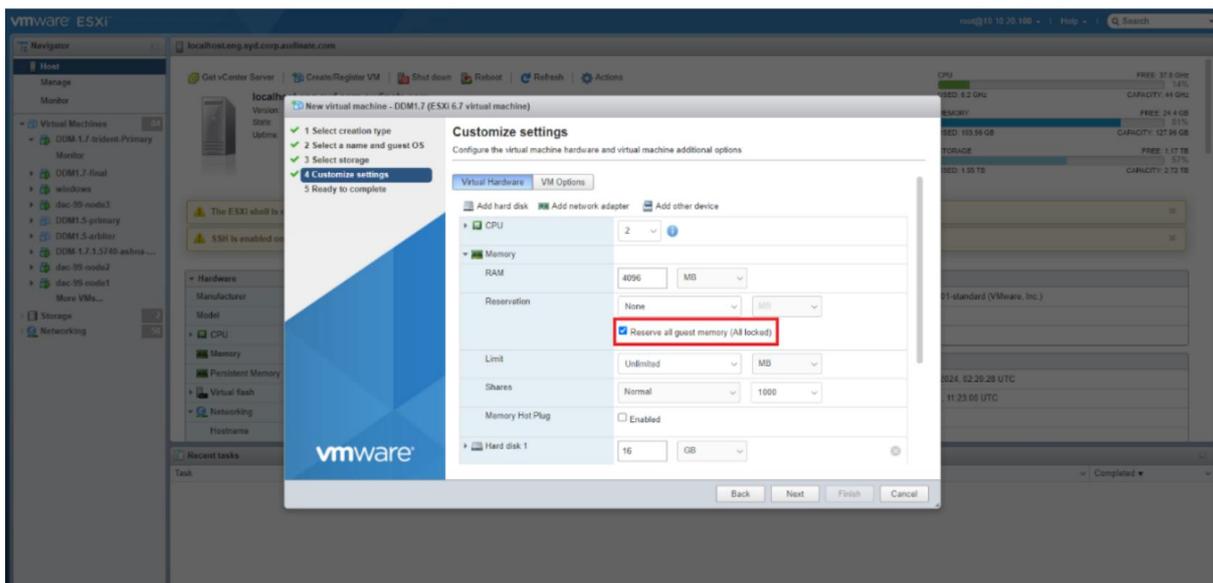
Guest OS settings for DDM v1.5 or lower

10. On the third page leave **datastore1** selected and click **Next**.

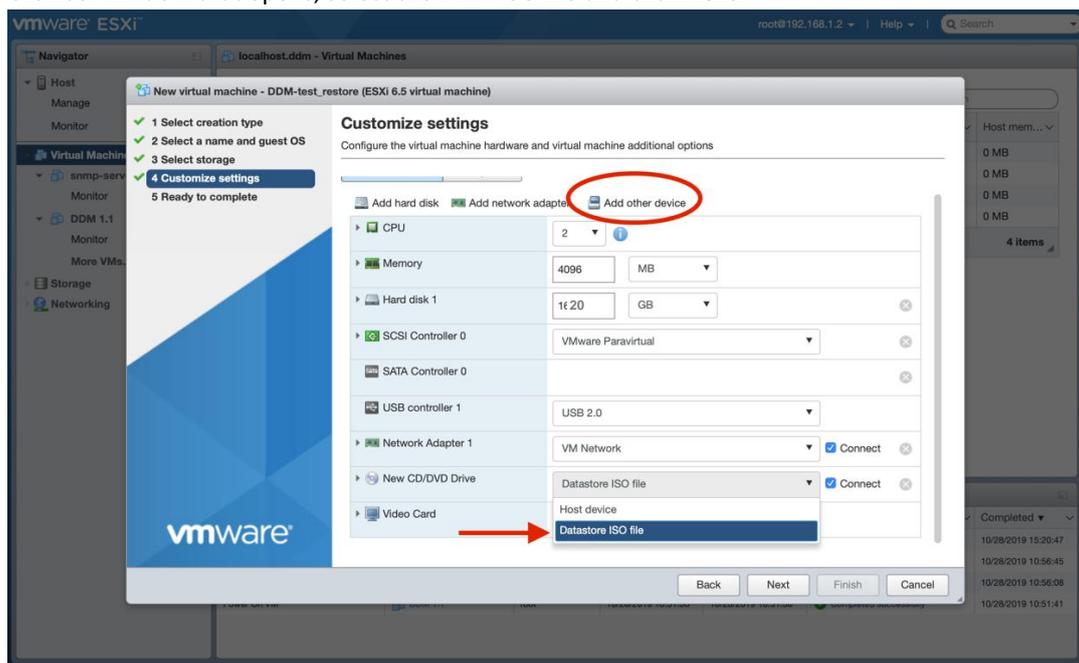


11. On the fourth page you'll need to customize the settings based on the DDM edition and number of devices in your system (see "1.2 System Requirements for Hypervisors"). The minimum requirements are: 2 CPUs, 4096 MB Memory, 20 GB Storage on the hard disk.

12. Static memory is recommended. Select 'Reserve all guest memory (All locked)'.

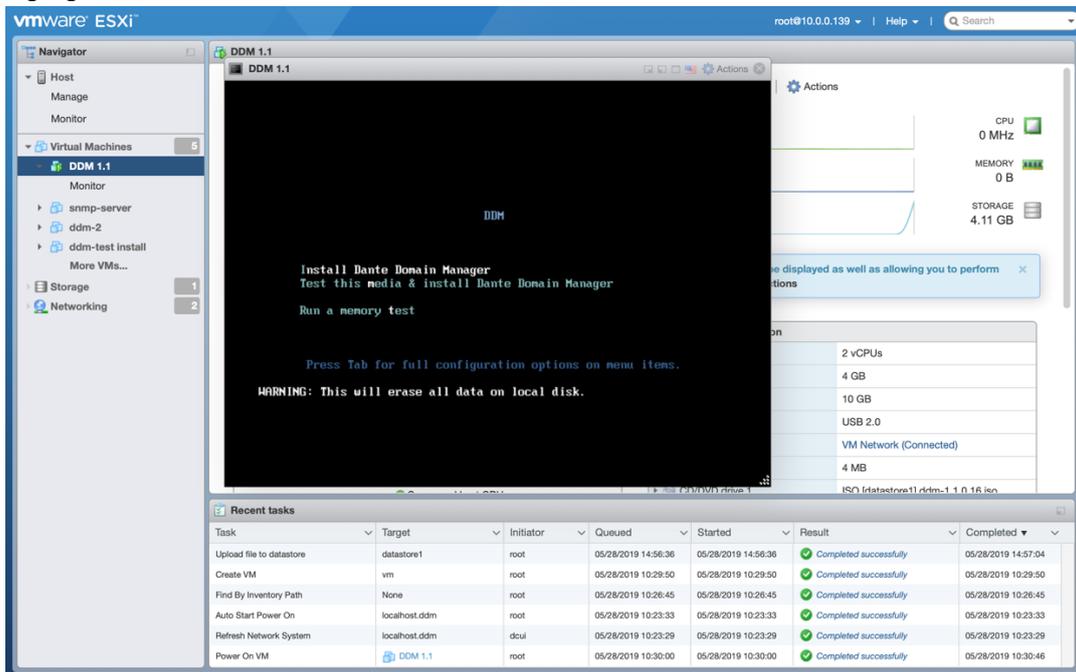


13. If the machine does not already have a CD/DVD drive, add one from the **Add other device** dropdown menu. In the New CD/DVD Drive dropdown menu select **Datastore ISO file**, and in the datastore browser window that opens, select the DDM ISO file and click **Next**.



14. Review your settings and click **Finish**. Allow the virtual machine to load. Do not navigate away from this page during the loading process.

15. Start the virtual machine. On the DDM Installation screen make sure **Install Dante Domain Manager** is highlighted and hit enter.



16. Let the installation process run until you see the message: **Installation Complete**. Press return to reboot the machine.
17. Once booted up the start-up script displays a dialog showing the Dante interface and the IP address for the VM, plus an administration menu. Make any changes needed in the administration menu, open up a web browser and navigate to the IP address, then follow the steps to complete DDM setup and licensing.

More information on the Administration Menu options and licensing process is available in the DDM user guide.