Dante Domain Manager

VMWare ESXi® Installation Instructions

v1.4

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Contents

1. Installation Instructions for VMWare ESXi®

1.1. Overview

Dante Domain Manger (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®.
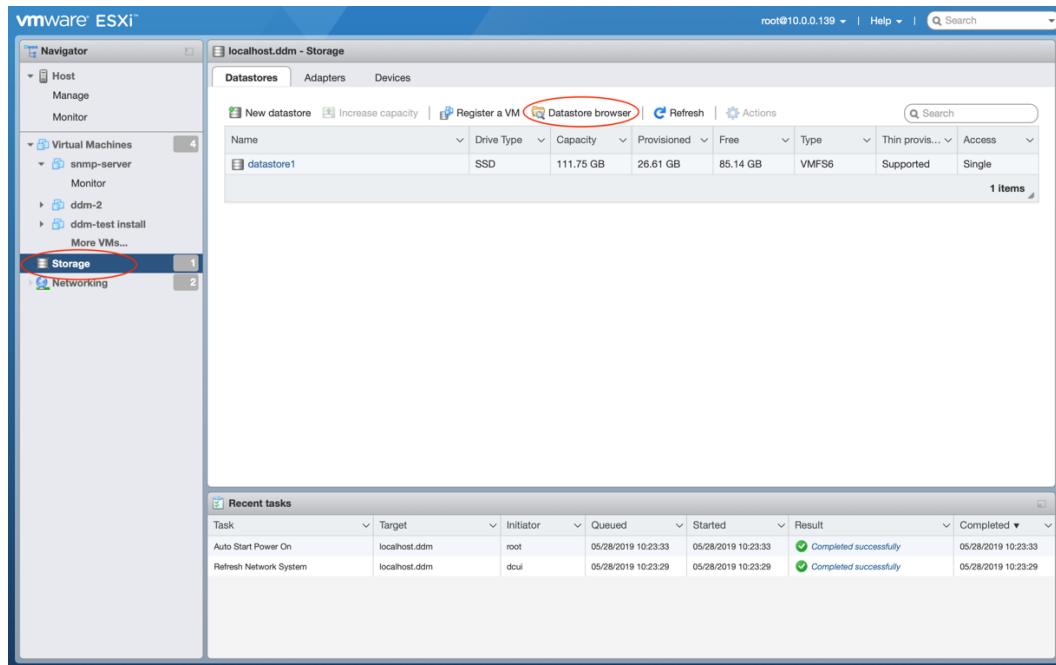
1.2. System Requirements for Hypervisors

The licensing model for DDM includes three editions: Silver, Gold, and Platinum. Each edition supports a different number of devices and domains, and the hypervisor must be configured to provide sufficient system resources for the virtual machine based on the product edition.

▪ The Silver and Gold editions require a minimum of 2 CPUs, 20GB disk space, and 4GB of RAM.

▪ The Platinum edition requires a minimum of 2 CPUs, 20GB disk space, and 8GB of RAM.

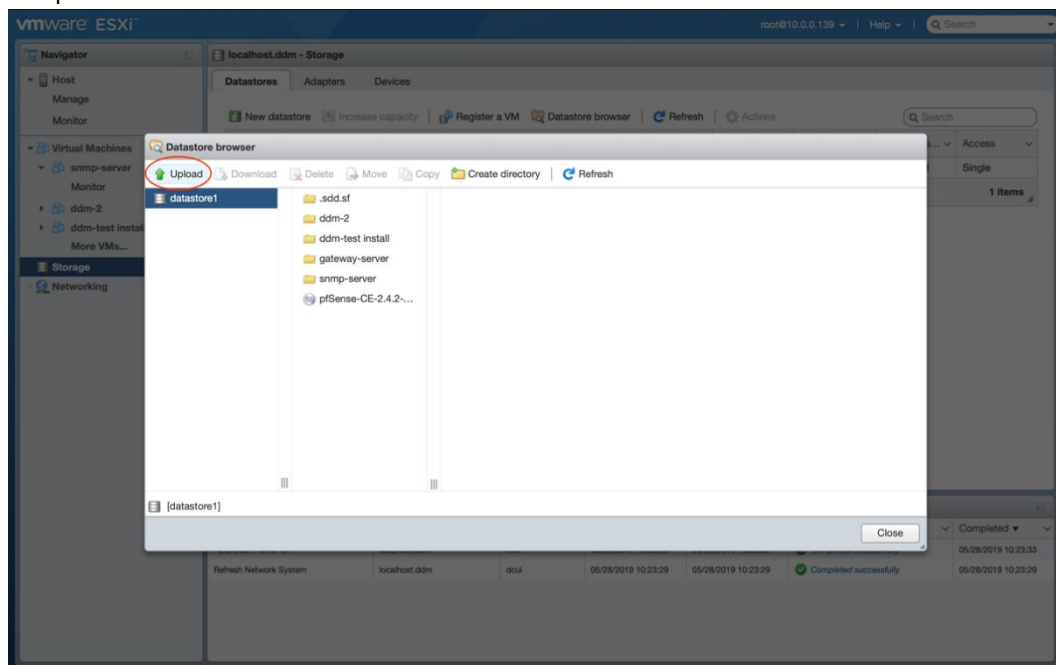▪ For systems that include more than 200 devices, 16GB of RAM is recommended.

The physical host machine on which the hypervisor is installed must also meet the above specifications and VMWare ESXi® Hardware Requirements (with additional capacity for any other applications).

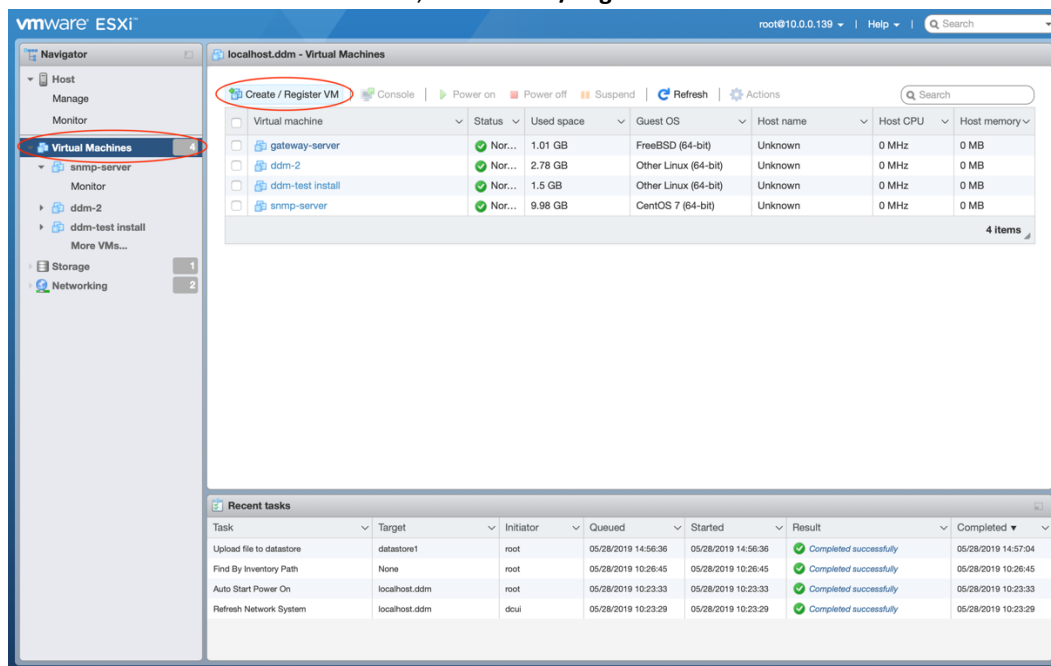# 1.3. Creating a DDM Virtual Machine in VMWare ESXi®

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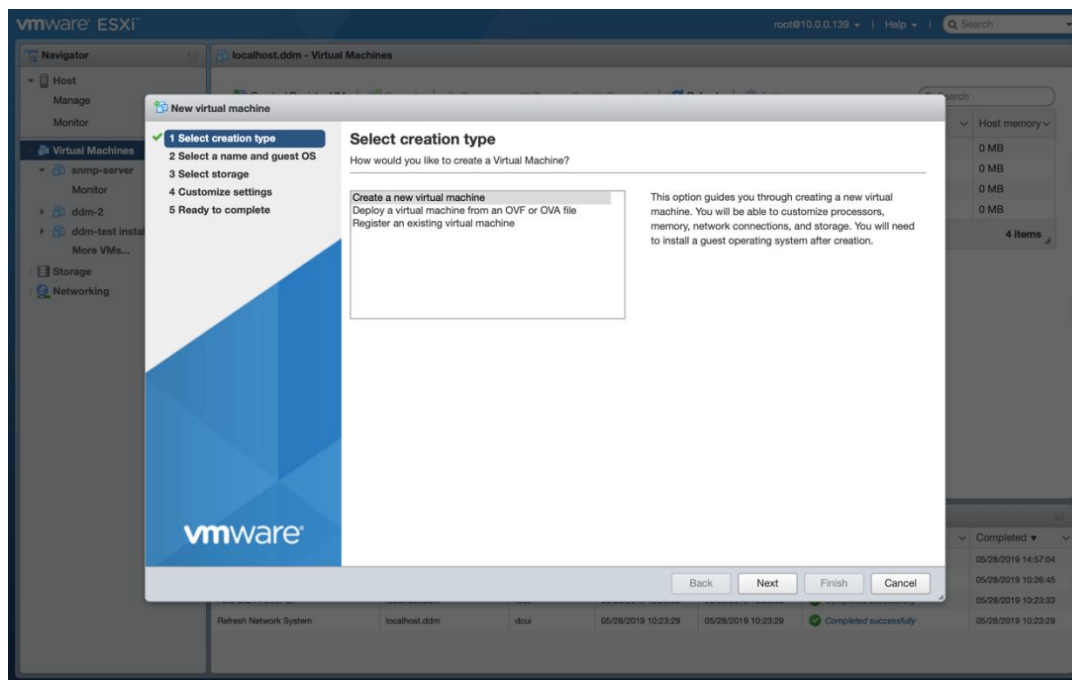

2. In the Datastore browser window click **Upload** and browse for the DDM ISO file. Once the upload completes close the Datastore browser window.
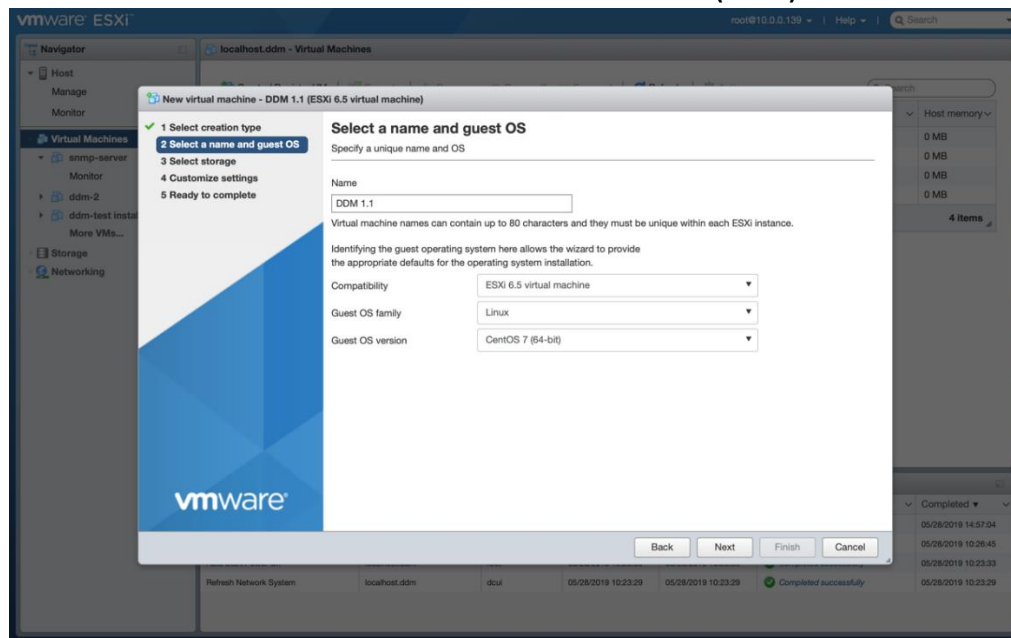
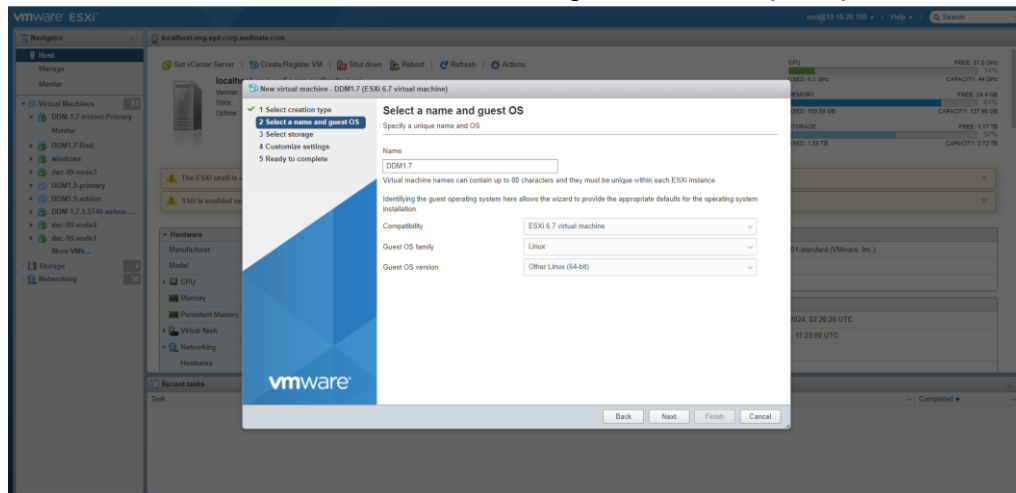3. Next click the **Virtual Machines** menu, then **Create/Register VM**.

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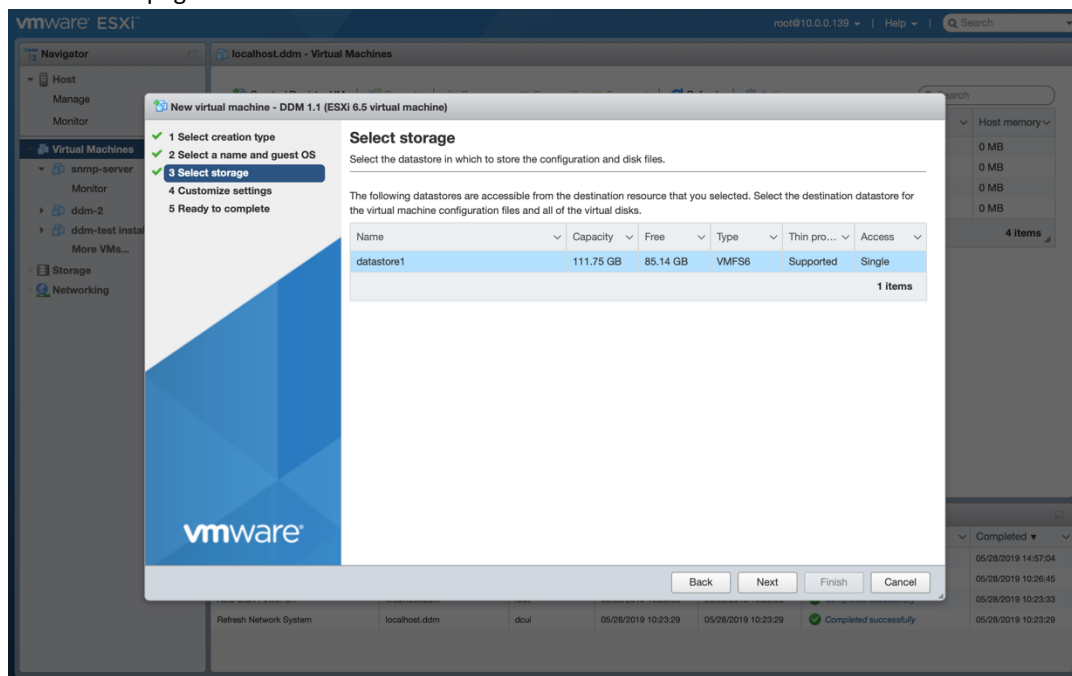

5. On the second page name your virtual machine. Then select Guest OS family: **Linux**

    a. Guest OS Version for DDMs that are from 1.5 to lower: **CentOS 7 (64-bit)** and click **Next**.

b. Guest OS Version for DDMs that are from 1.7 and higher: **Other Linux (64-bit)** and click **Next**.
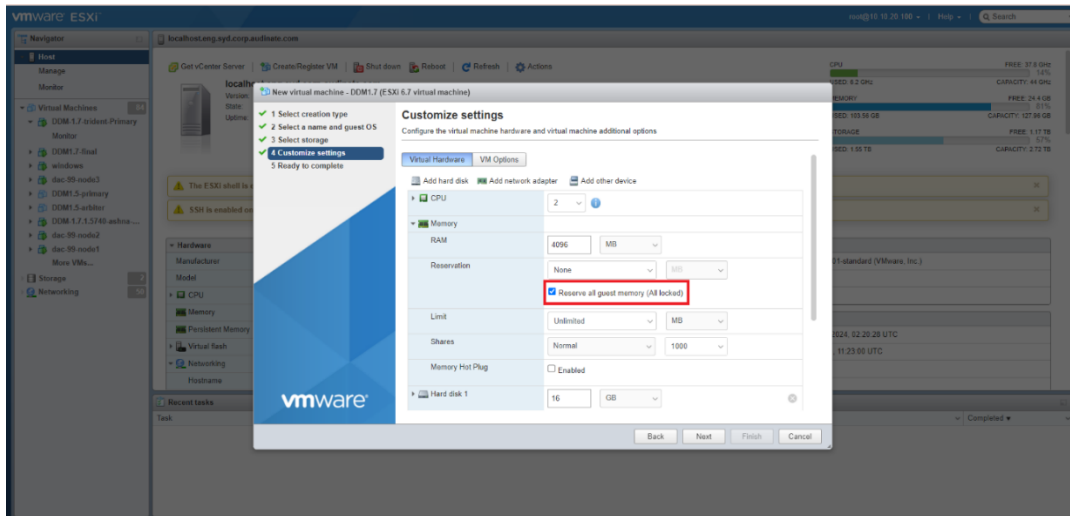

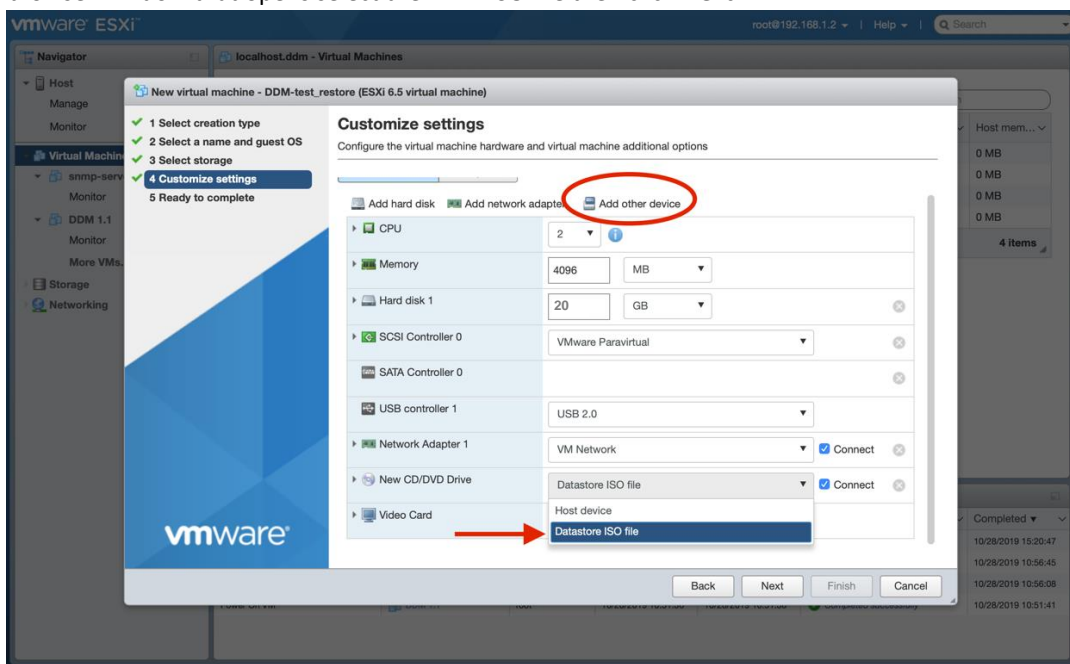6. On the third page leave **datastore1** selected and click **Next**.

7. 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.

8. Static memory is recommended. Check on the 'Reserve all guest memory (All locked)'.
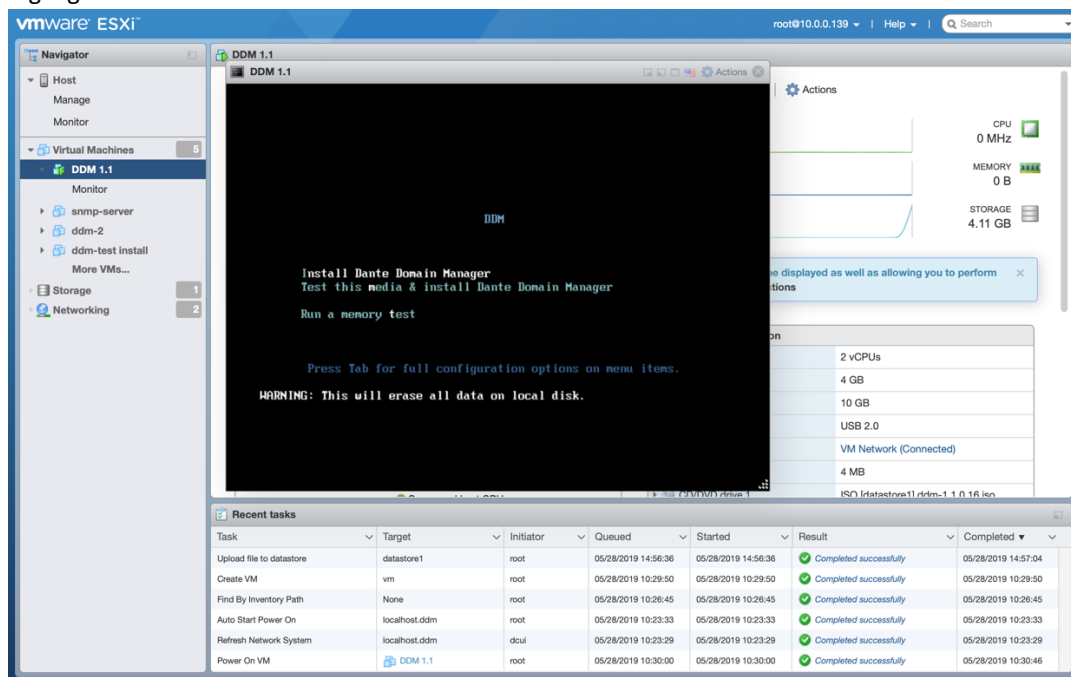

9. If the machine does not already have a CD/DVD drive add one from the **Add other device** dropdown menu. In the New CD/DVD Drive dropdown menu select **Datastore ISO file** and in the datastore browser window that opens select the DDM ISO file then click **Next**.

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

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

12. Let the installation process run until you see the message**: Installation Complete.** Press return to reboot the machine.

13. 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.

14. More information on the Administration Menu options and licensing process is available in the Dante Domain Manager Quick Start Guide.