# Dante Domain Manager

# VMWare ESXi® Installation Instructions

v1.4

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# Contacts

### Audinate Pty Ltd

Level 7/64 Kippax Street Surry Hills NSW 2010 AUSTRALIA Tel. +61 2 8090 1000 info@audinate.com www.audinate.com

### Audinate Inc

4380 S Macadam Avenue Suite 255 Portland, OR 97239 USA Tel: +1 503 224 2998

## **European Office**

Audinate Ltd Future Business Centre Kings Hedges Rd Cambridge CB4 2HY United Kingdom Tel. +44 (0) 1273 921695

## Asia Pacific Office

Audinate Limited Suite 1106-08, 11/F Tai Yau Building No 181 Johnston Road Wanchai, Hong Kong 澳迪耐特有限公司 香港灣仔莊士敦道181號 大有大廈11樓1106-8室 Tel. +(852)-3588 0030 +(852)-3588 0031 Fax. +(852)-2975 8042

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# 1. Installation Instructions for VIVIVare 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<sup>®</sup>.

### 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.

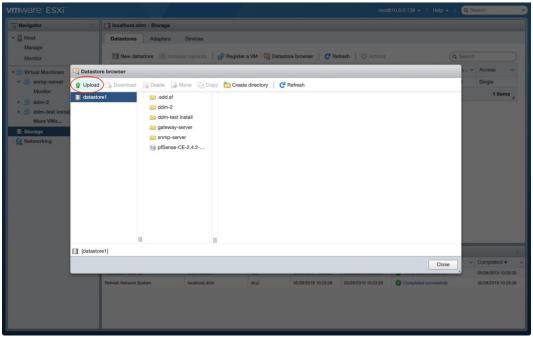
The physical host machine on which the hypervisor is installed must also meet the above specifications and <u>VMWare ESXi® Hardware Requirements</u> (with additional capacity for any other applications).

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

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

vmware <sup>,</sup> ESXi <sup>**</sup>							root@1		Help 🗕   🔍 Se	earch	
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	Refresh Network System	localhost.ddm	dcui	05/28/20	9 10:23:29	05/28/2019 10:23:	29	Completed	successfully	05/28/2019 10:2	23:29

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



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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**.

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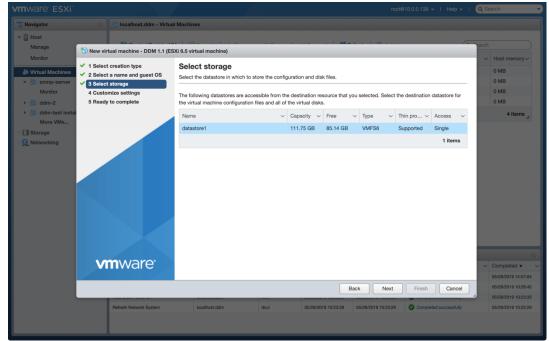
5. On the second page name your virtual machine. Then select Guest OS family: Linux

a.	Guest OS Version for	DDMs that are from	1.5 to lower: CentOS 7	(64-bit) and click Next.
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Host						
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		Guest OS family	Linux	•		
		Guest OS version	CentOS 7 (64-bit)	*		
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	<b>vm</b> ware <sup>.</sup>		Back	Next Finish Cancel		

- 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.

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T Navigator	localhost.eng.syd.corp.	audinate.com				
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<ul> <li>dac-99-node1</li> </ul>	+ Hardware		RAM	4096 MB U		
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	- Q Networking		Memory Hot Plug		, 11:23:00 UTC	
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	Recent tasks	<b>vm</b> ware	Hard disk 1	16 GB ~ 💿		
	Task					✓ Completed ▼
				Back Next Finish Cancel		

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

 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.

vmware <sup>-</sup> ESXi <sup></sup>					Q Search -		
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		Back Nex	Finish	Cancel	10/28/2019 10:56:08		
Tone of the	Ch own w			accessiony	10/28/2019 10:51:41		

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.

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	Auto Start Power On	localhost.ddm	root	05/28/2019 10:23:33	05/28/2019 10:23:33	Completed successfully	05/28/2019 10:23:33	
	Refresh Network System	localhost.ddm	dcui	05/28/2019 10:23:29	05/28/2019 10:23:29	Completed successfully	05/28/2019 10:23:29	
	Power On VM	DDM 1.1	root	05/28/2019 10:30:00	05/28/2019 10:30:00	Completed successfully	05/28/2019 10:30:46	

- 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 <u>Dante</u> <u>Domain Manager Quick Start Guide</u>.