Download and Startup the Vertica Community Edition Virtual Machine

Micro Focus Vertica 9.0.1

The Vertica Community Edition Virtual Machine (Vertica CE VM) is a preconfigured Linux environment that offers a hands-on introduction to the Vertica Analytic Database. After you download the software, the environment runs locally on your computer and does not require internet access. The VM includes the Vertica Analytic Database Community Edition, Management Console, client tools, and a user guide that guides you through a series of common tasks.

This document includes the following topics:

- The Vertica CE VM Environment

- Requirements

- Download the Vertica CE VM and the Vertica Documentation

- Startup and Log In to the Vertica CE VM

- Install the Vertica Documentation on VMware

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The Vertica CE VM Environment

The Vertica CE VM is a CentOS 7.4 virtual machine. The VM is configured with 2 CPUs, 4 GB of RAM, and 50 GB HDD.

The Vertica Analytic Database, using the free Community Edition license, is running in the VM on a single node.

Note: The Vertica CE VM is not supported for production use.

Requirements

- A virtualization application: either VMware or Oracle VM VirtualBox.

- Between 20 and 50 GB of available disk space on the host computer.
  The VM can use up to a maximum of 50 GB, depending on the operations you perform.

  The Vertica CE VM is available in two virtualization formats: one for VMware, the other for Oracle VM VirtualBox.

  - VMware: `vertica_community_edition-9.0.1_vmx.zip` uses 10GB of disk space after you download and unzip it on your computer. It uses an additional 10GB after you load it into VMware. You can reclaim half of that 20GB by deleting the unzipped directory after loading it into VMware.

  - VirtualBox: `vertica_community_edition-9.0.1.ova` is read directly by VirtualBox and uses a total of 10GB of disk space.

Download the Vertica CE VM and the Vertica Documentation

1. Log in to my.vertica.com or create an account.

2. Navigate to the Downloads page.

3. Download the Vertica CE VM for your virtualization platform:
    - Click **VMware VMX File Format** to download the VM for VMware.

    - Click **Open Virtualization Format** to download the VM for Oracle VM VirtualBox.

4. (Optional) Download the Vertica documentation.

    > **Note:** The documentation ZIP file contains the entire Vertica documentation set. The documentation links in the *Vertica Community Edition VM User Guide* only work when the Vertica documentation is installed locally in the VM.

    - VMware: Download the documentation ZIP file:
        i.   Open this link: https://my.vertica.com/documentation/vertica/9-0-x/.

        ii. Click **Complete Documentation: Zipped HTML.**

        iii. Click **Save** to save the ZIP file on your computer.

      The instructions in Install the Vertica Documentation on VMware explain how to copy/paste or drag the documentation ZIP file into the VM.

    - VirtualBox: You will download the documentation later as explained in Install the Vertica Documentation on VirtualBox.
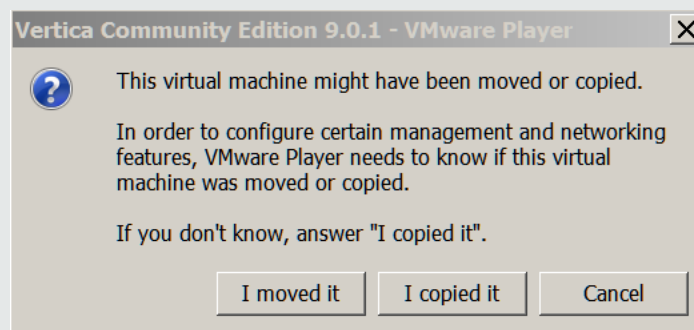
Startup and Log In to the Vertica CE VM

1. Locate the VM file that you downloaded.
   The file for VMware has a ZIP extension. The file for VirtualBox has an OVA extension or a TAR extension, depending on the browser you used for the download:

   - VMWare: Unzip the file.

   - VirtualBox: If the file has a TAR extension, change it to OVA.

2. Open the file in your VM player.
   - VMWare: Open the VMX file.

   > **Note:** On initial startup only, VMware displays this message. Click **I copied it** to dismiss the message.

   - VirtualBox: Import the OVA file.

3. Start up the VM.

   > **Note:** Startup may take some time.
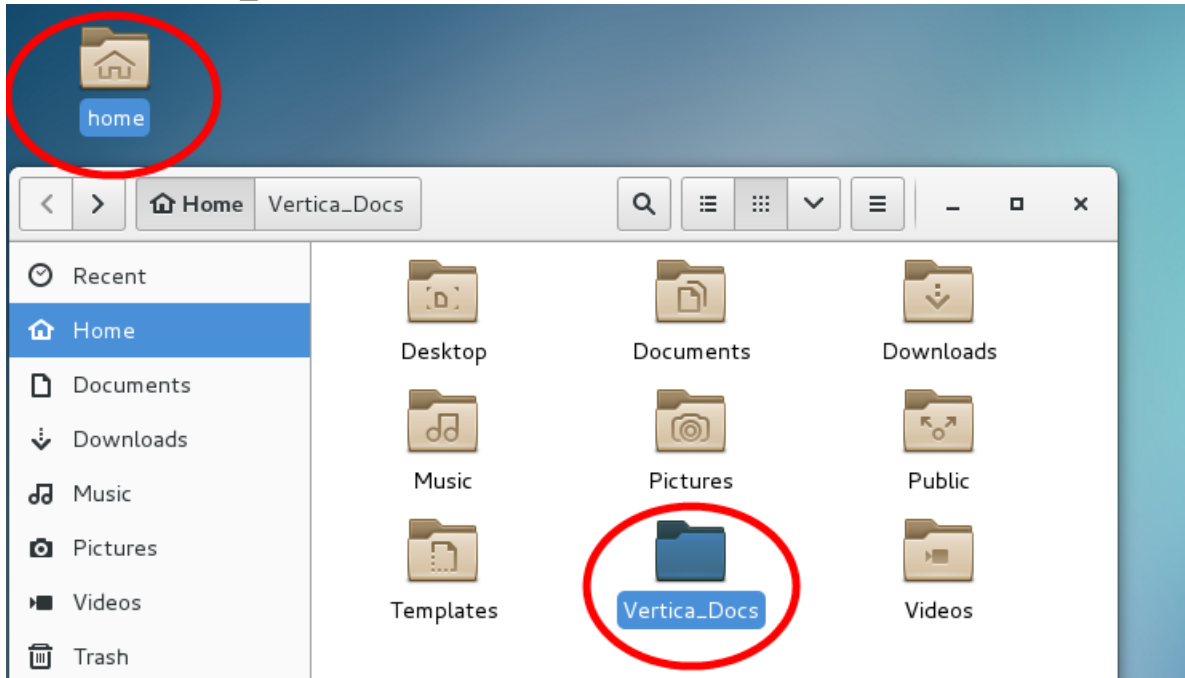
4. Log in to the VM with these credentials:
   User: **Vertica DBA**

   Password: **password**

Install the Vertica Documentation on VMware

1. On the VM desktop, double click **home**, then double click **Vertica_Docs** to navigate to `/home/Vertica_Docs/`.

> **Important:** You must be logged in as `dbadmin`.

2. Navigate to the location where you downloaded the Vertica documentation ZIP file on your computer. The name of the ZIP file is:

   `Vertica-user-doc_9.0.x-for-download.zip`

3. To copy the Vertica documentation ZIP file to `/home/Vertica_Docs/` in the VM, drag it or copy and paste it.

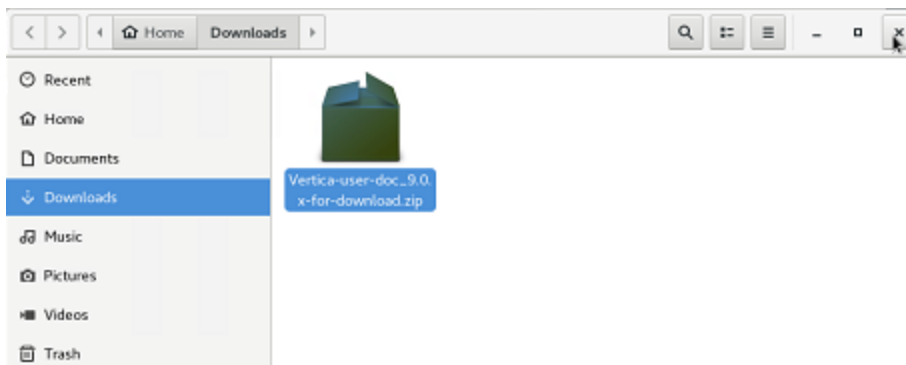4. Open a terminal window in the VM.

5. Execute the following commands:

```
$ cd /home/dbadmin/Vertica_Docs/
$ unzip Vertica-user-doc_9.0.x-for-download.zip -d /home/dbadmin/Vertica_Docs/
```

Install the Vertica Documentation on VirtualBox

1. In the VM, open this link: https://my.vertica.com/documentation/vertica/9-0-x/.

   Important: You must be logged in as `dbadmin`.

2. Click **Complete Documentation: Zipped HTML.**

3. Click **Save** to save the ZIP file to the Downloads folder in the VM.

4. Move the ZIP file to this folder:

   ```
   /home/dbadmin/Vertica_Docs/
   ```

5. Right-click the ZIP file and select **Extract here**.

Get Started with the Tutorial Exercises

On the VM desktop, you will see an icon for the *Vertica Community Edition VM User Guide,* which provides a tutorial to help you get started with Vertica.

Just click the icon to get started!