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VERDE Remote Access OVA

This document contains detailed instructions for installation and setup of the VERDE Remote Access Virtual Appliance.

Downloads

Please download the following installation file:

Virtual Box: <https://www.virtualbox.org>

NOTE: You must use the VERDE Software Client for Windows that comes with this new version to connect to Remote Access computers.

Topics covered here

1. Install the downloads

Slides 5-16: Install VirtualBox and import the appliance. Begin the setup of VERDE Remote Access.

2. OVA setup [simplified]

Slides 16-21: A simplified approach to installing OVA.

3. OVA setup [advanced]

Slides 22-40: A more advanced setup of OVA.

4. VERDE Management Console

Slides 41-47: Setting up the account and setting up rules.

5. Shutting down VERDE Remote Access

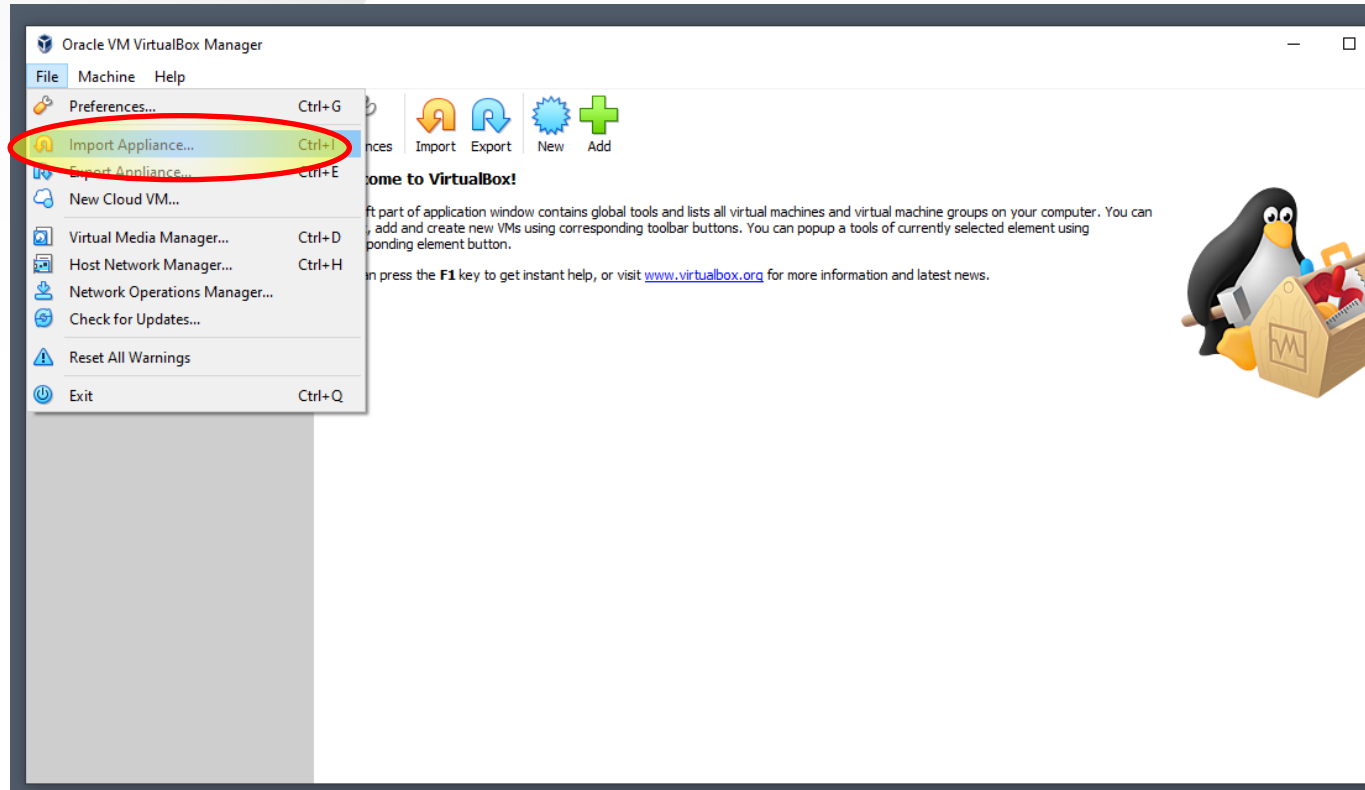
Slides 48-50: How to turn off the service.

6. How a user connects.

Slides 51-52: Using the VERDE S/W client to connect.

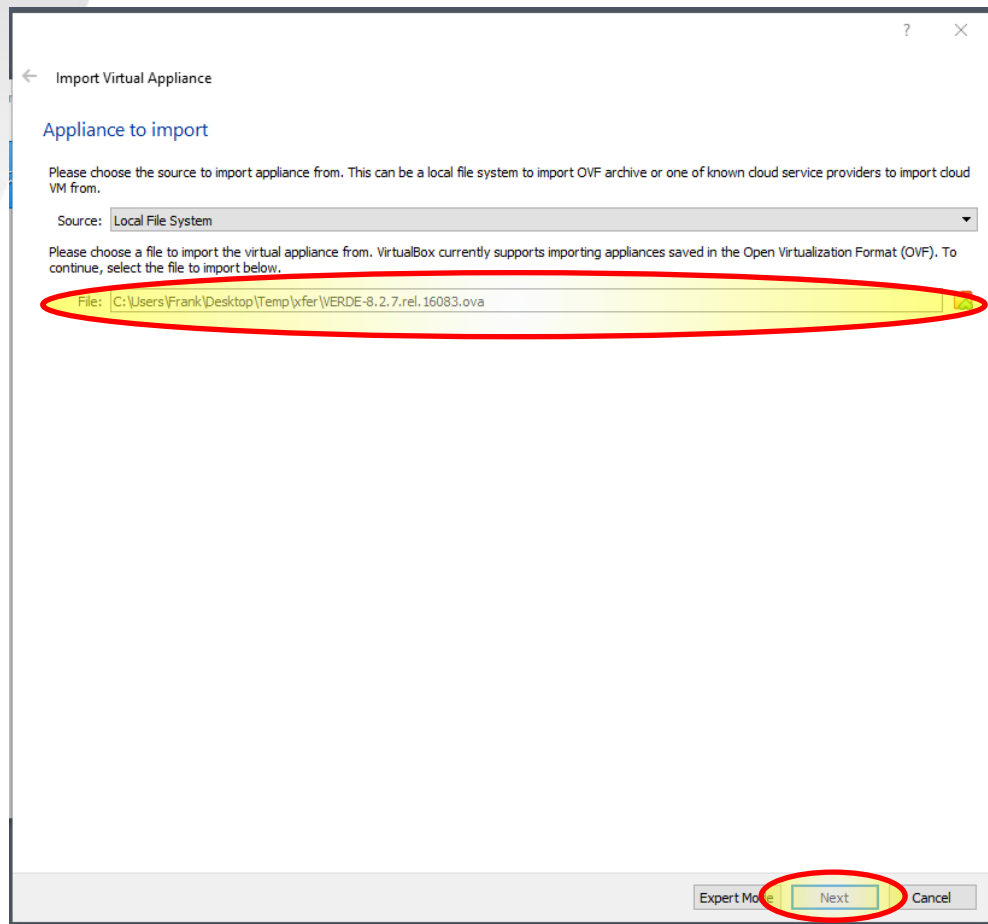
1. Install the downloads Download and install VirtualBox, then import the appliance.

- Open VirtualBox
- Go to File → Import Appliance.



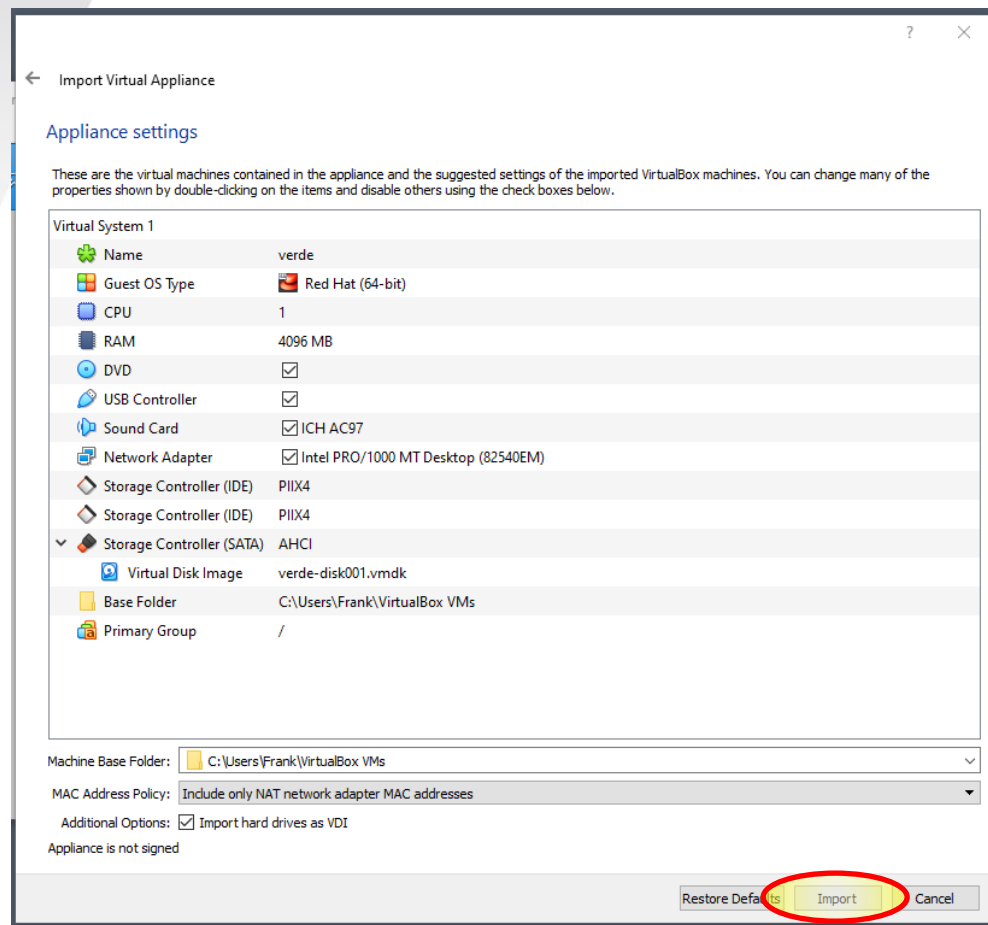
1. Install the downloads (continued)

- Select the downloaded OVA file
- Click Next.



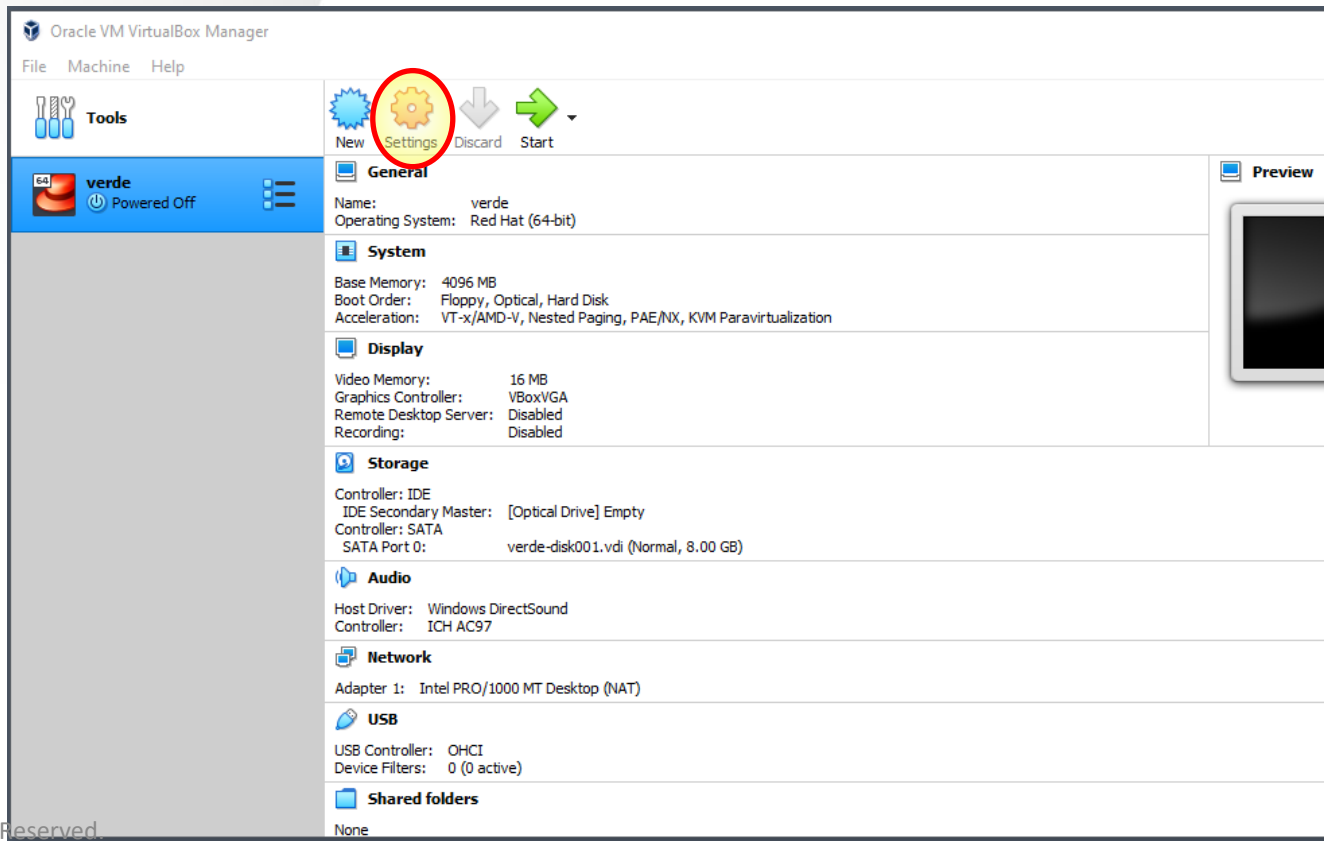
1. Install the downloads (continued)

- Click Import.



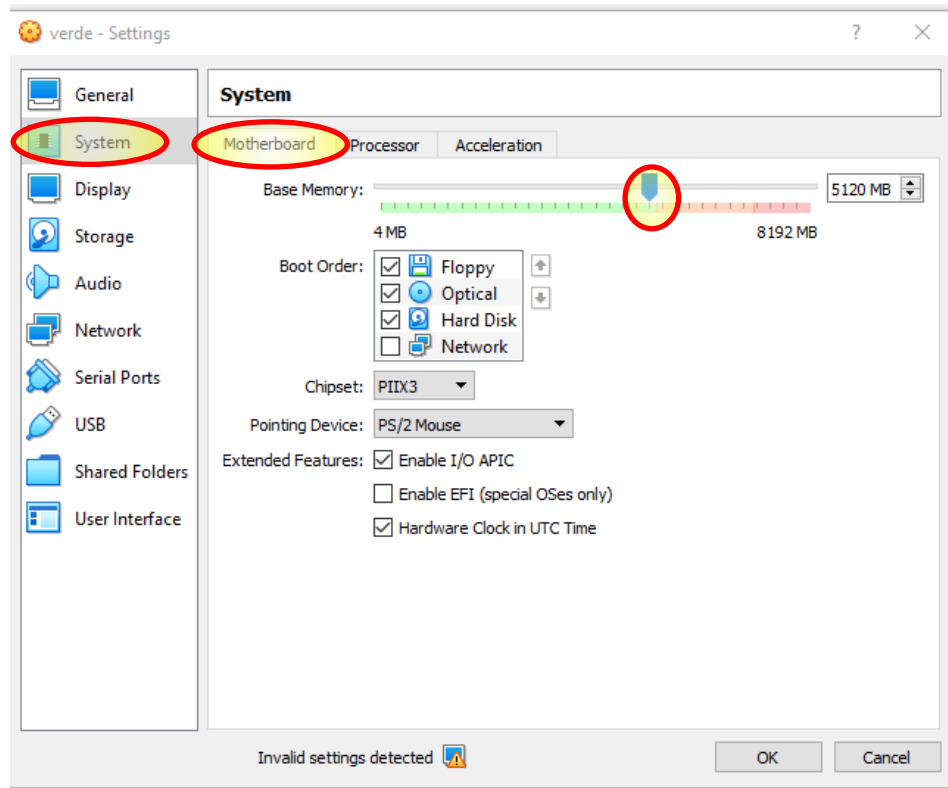
1. Install the downloads (continued)

- After successful import, click Settings.



1. Install the downloads (continued)

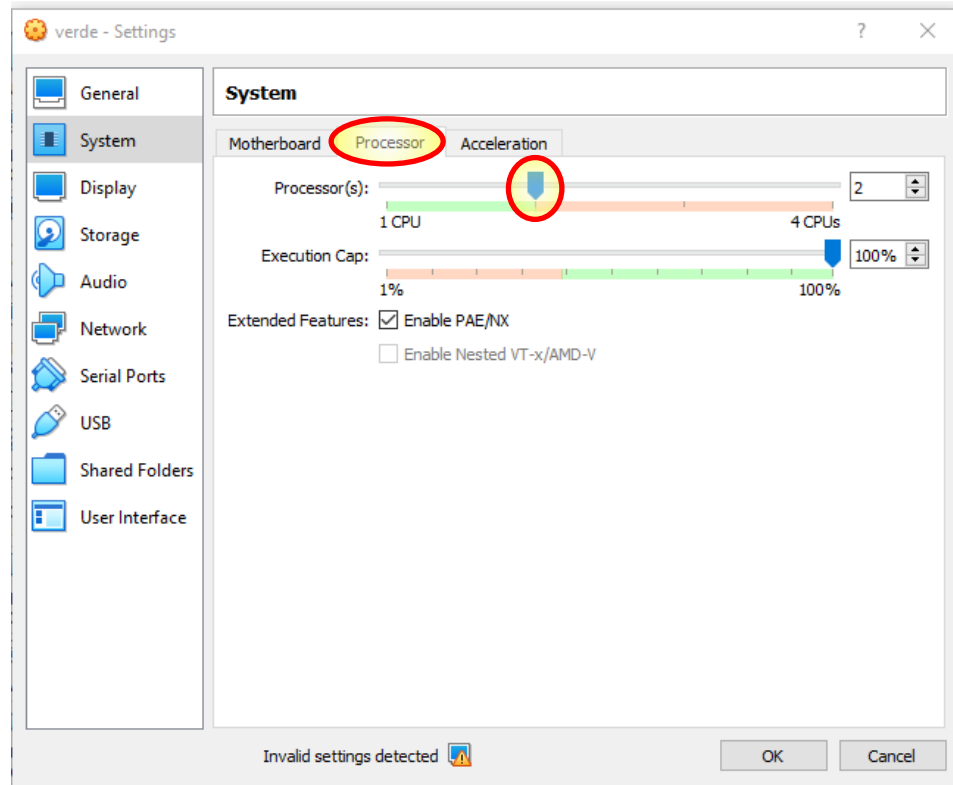
- Select “**System**” from the left navigation.
- Select the “**Motherboard**” tab.
- Allocate the **maximum available memory** (green portion)



1. Install the downloads (continued)

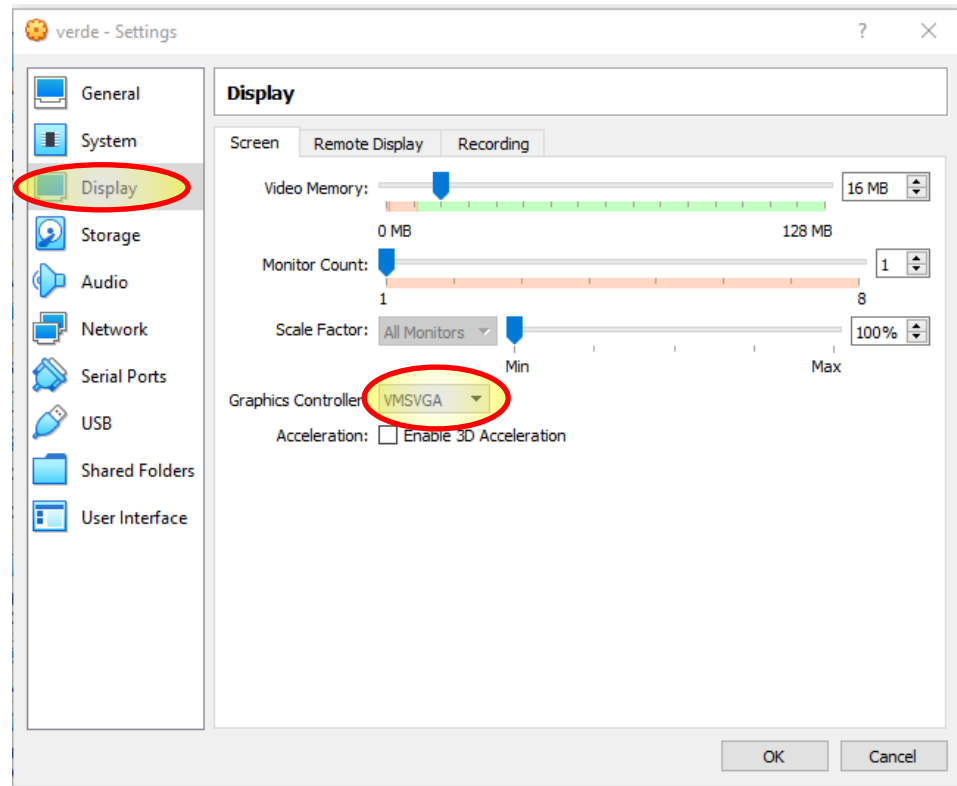
- Select the “**Processor**” tab.
- Allocate the **maximum available processor** (green portion)

Click on Processor tab Allocate maximum available (green) Processors



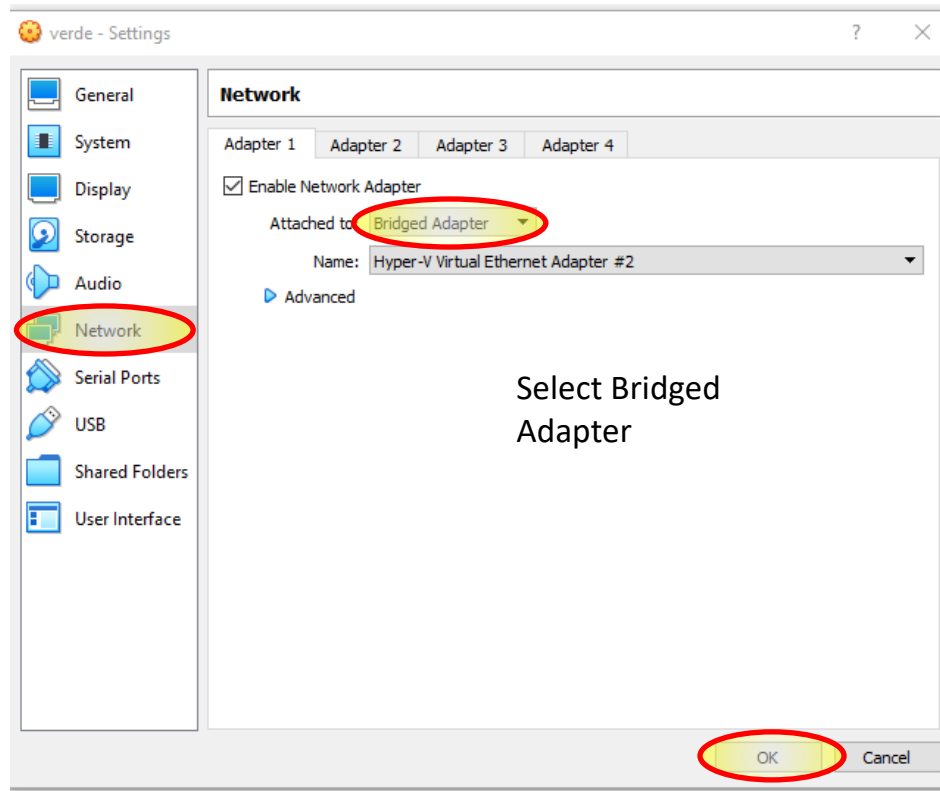
1. Install the downloads (continued)

- Select “**Display**” from the left navigation.
- Select the “**Screen**” tab.
- Set the **Graphics Controller** to **VMSVGA**



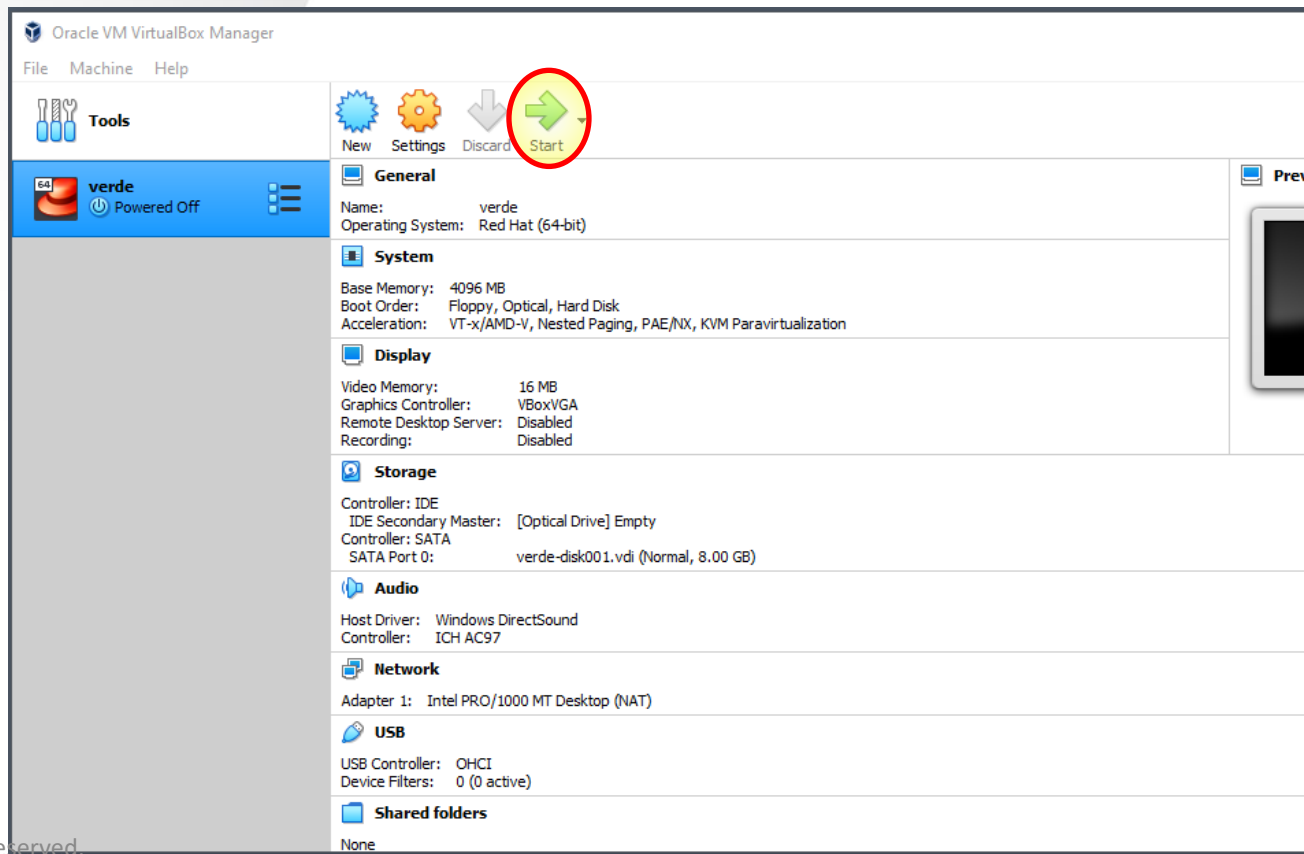
1. Install the downloads (continued)

- Select “**Network**” from the left navigation.
- Under **Enable Network Adapter** set “Attached to” to “**Bridged Adapter**”.
- Click OK to save all the changed settings.



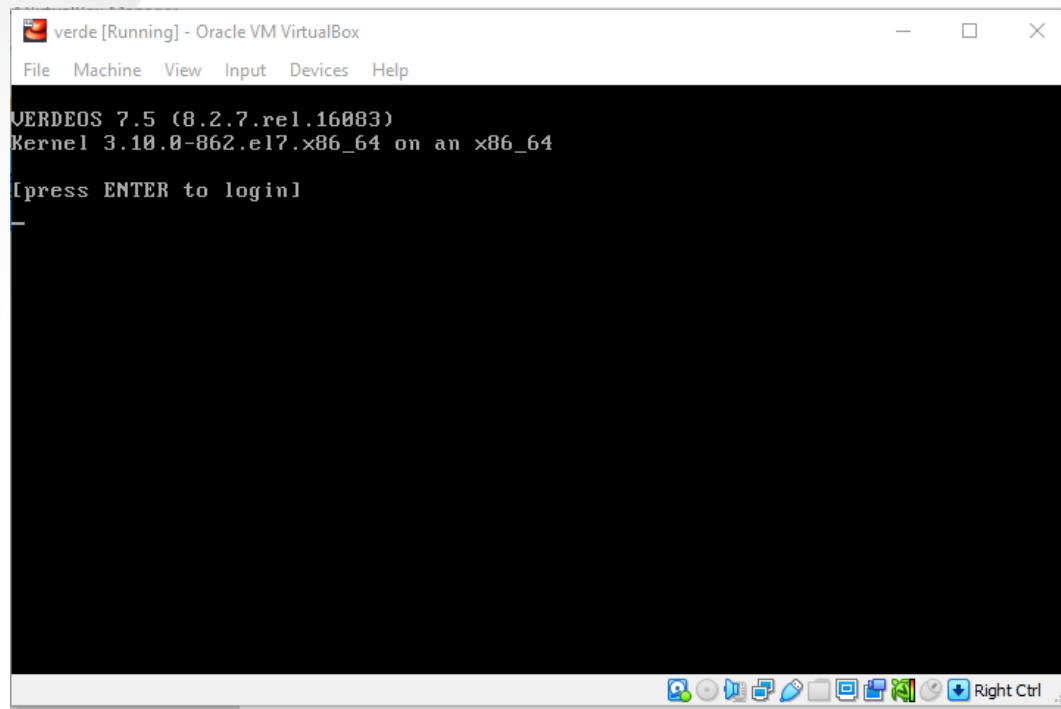
1. Install the downloads (continued)

- Click **“Start”** to start the virtual machine.



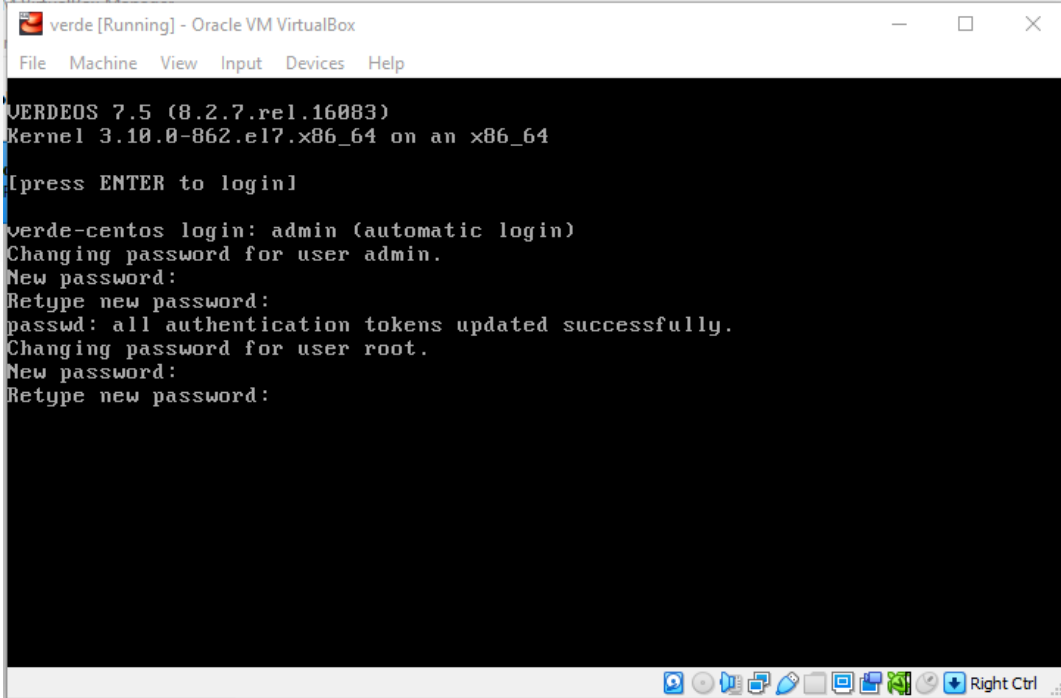
1. Install the downloads (continued)

- The VM may take 1-2 minutes to start depending on your computer resources.
- Press ENTER.



1. Install the downloads (continued)

- Set the account password for the admin and root accounts.



```
verde [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

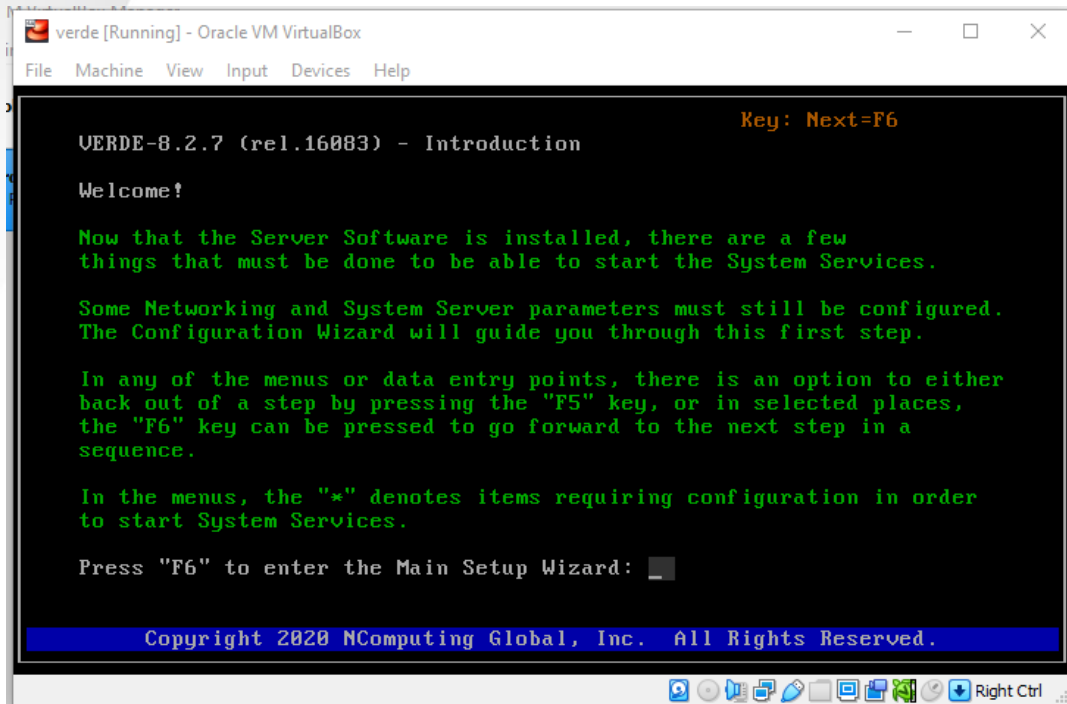
VERDEOS 7.5 (8.2.7.rel.16083)
Kernel 3.10.0-862.el7.x86_64 on an x86_64

[press ENTER to login]

verde-centos login: admin (automatic login)
Changing password for user admin.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
Changing password for user root.
New password:
Retype new password:
```

1. Install the downloads (continued)

- Press F6 to enter the setup wizard.

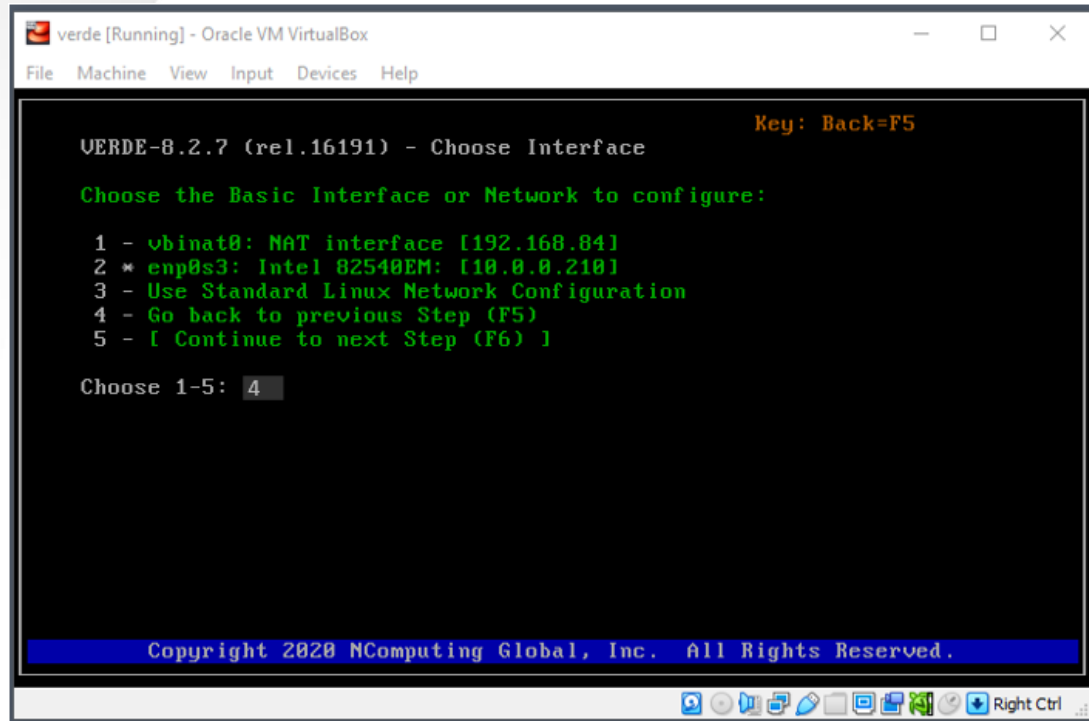


2. OVA setup [simplified] (continued)

These next set of instructions will take you through the Simplified setup procedure. If you prefer, the advanced setup procedure begins at slide 22.

To begin the simplified setup:

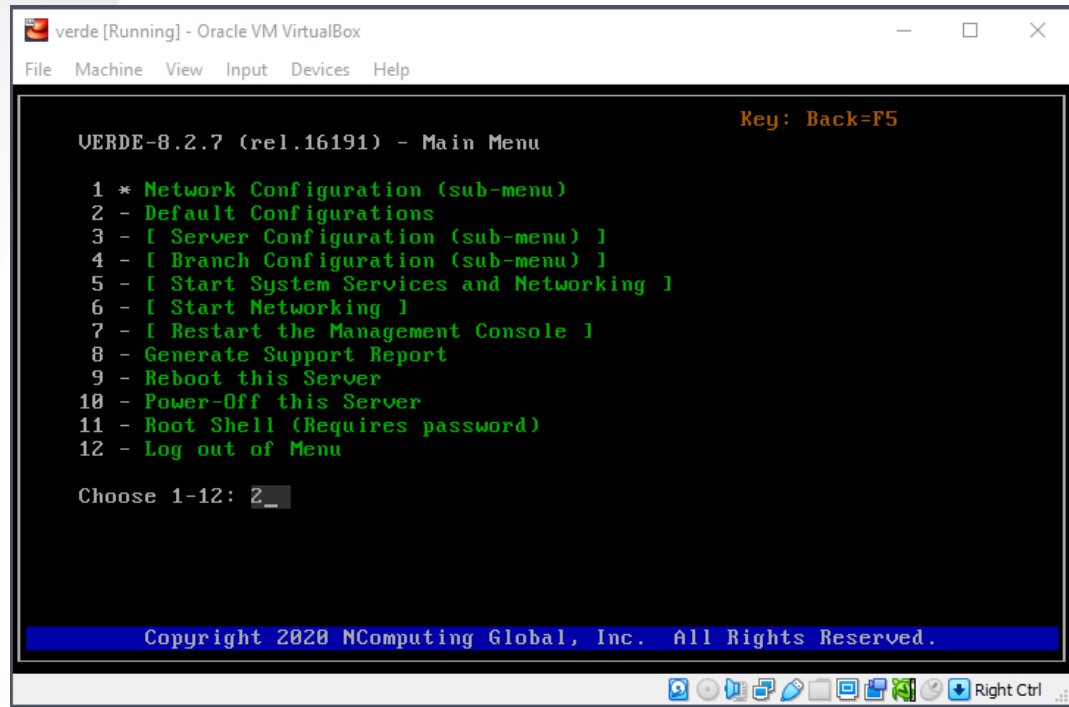
- Enter 4 and press the ENTER key.



2. OVA setup [simplified] (continued)

On the Main Menu:

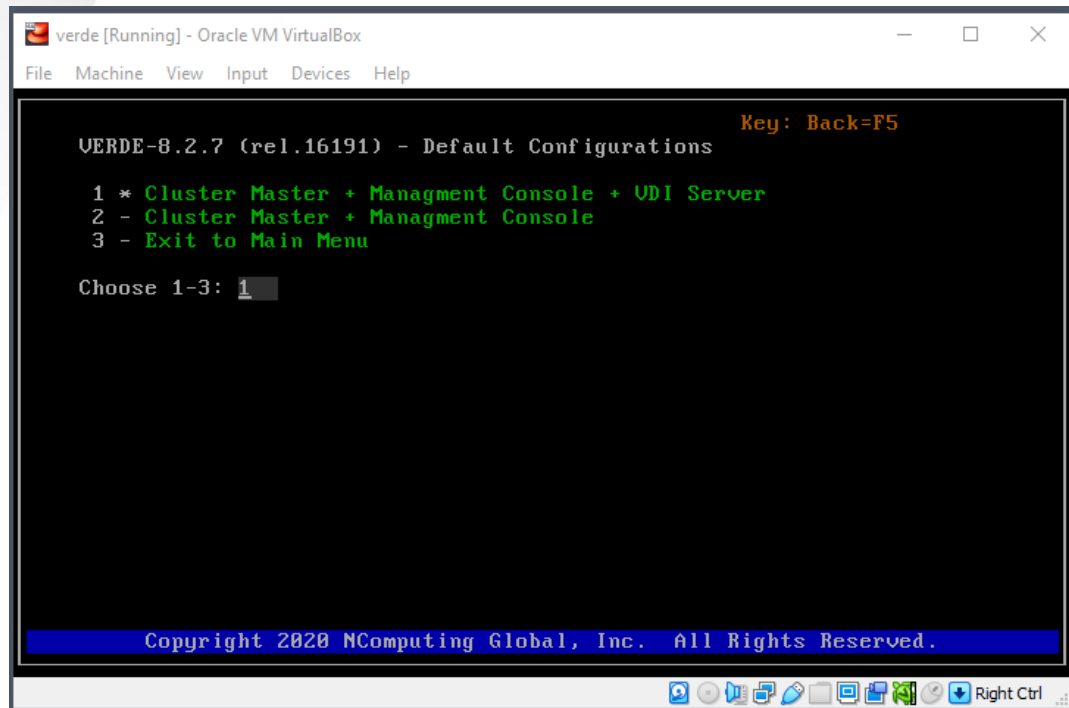
- Enter 2 – Default Configurations and press the ENTER key.



2. OVA setup [simplified] (continued)

On the Default Configurations:

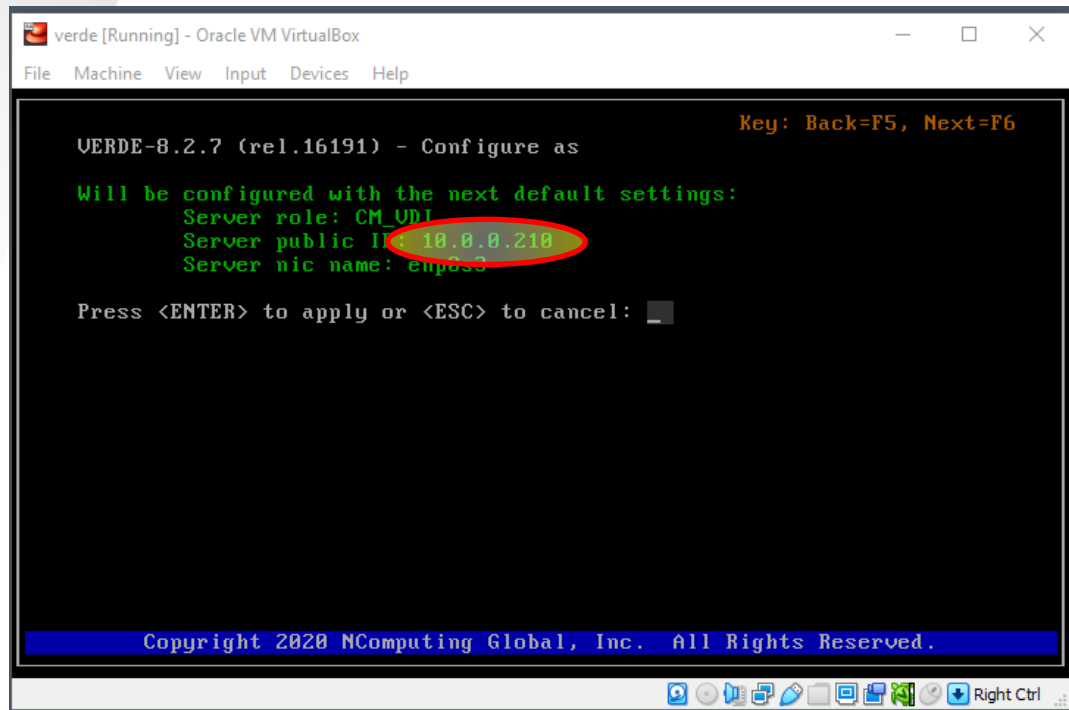
- Keep default option 1 and press the ENTER key.



2. OVA setup [simplified] (continued)

Note the assigned public IP address:

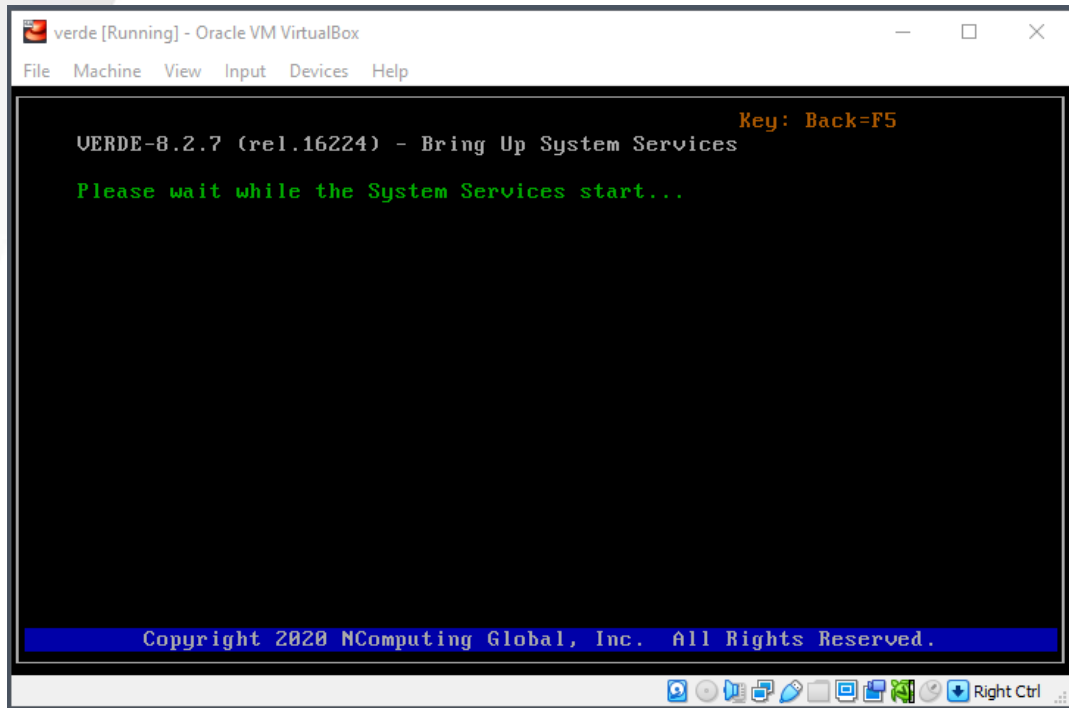
- Click the ENTER key.



2. OVA setup [simplified] (continued)

Wait for system services to start.

This may take several minutes
depending on your computer
resources.

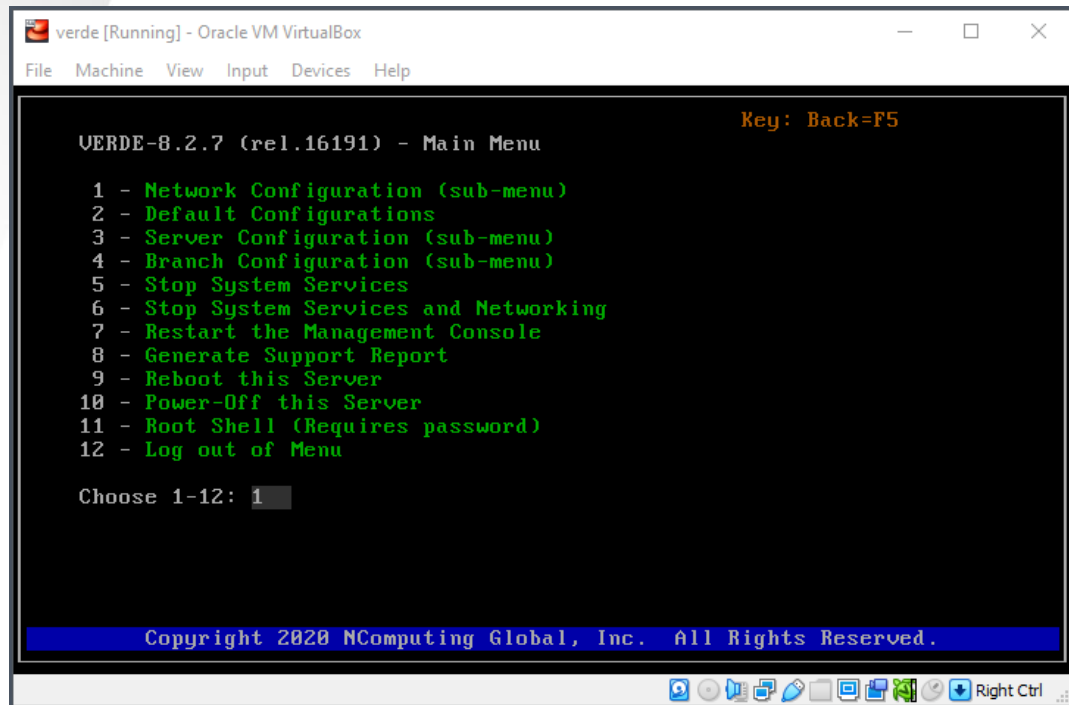


2. OVA setup [simplified] (continued)

Setup is complete.

Wait 1-2 minutes for all VERDE services to start.

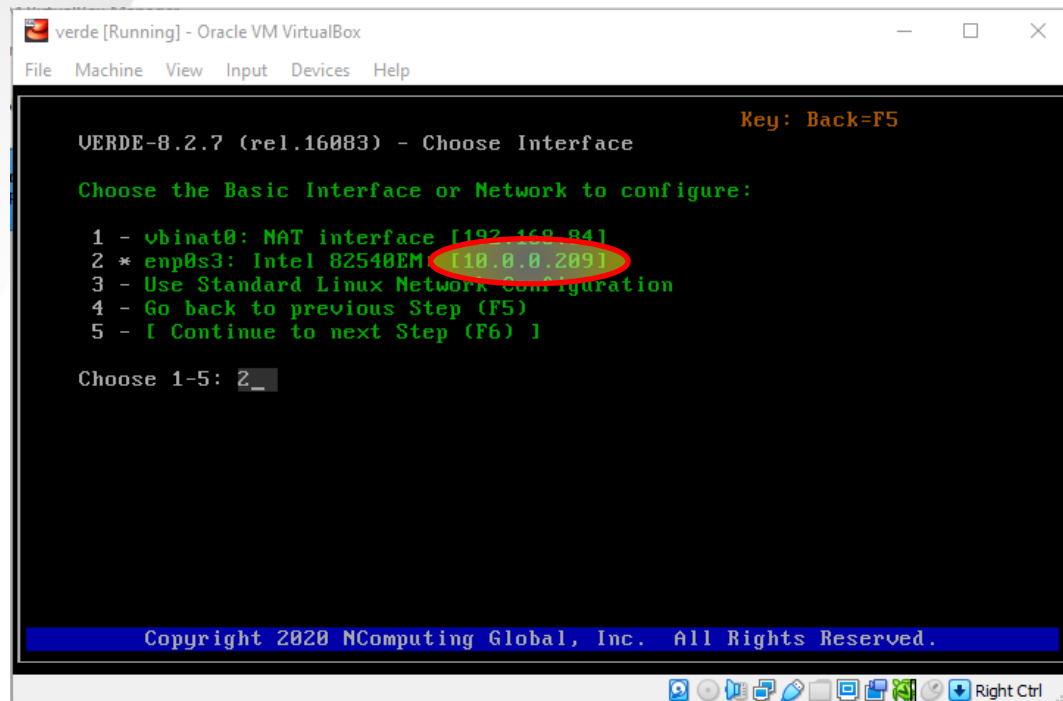
Skip ahead to slide 41



3. OVA setup [advanced]

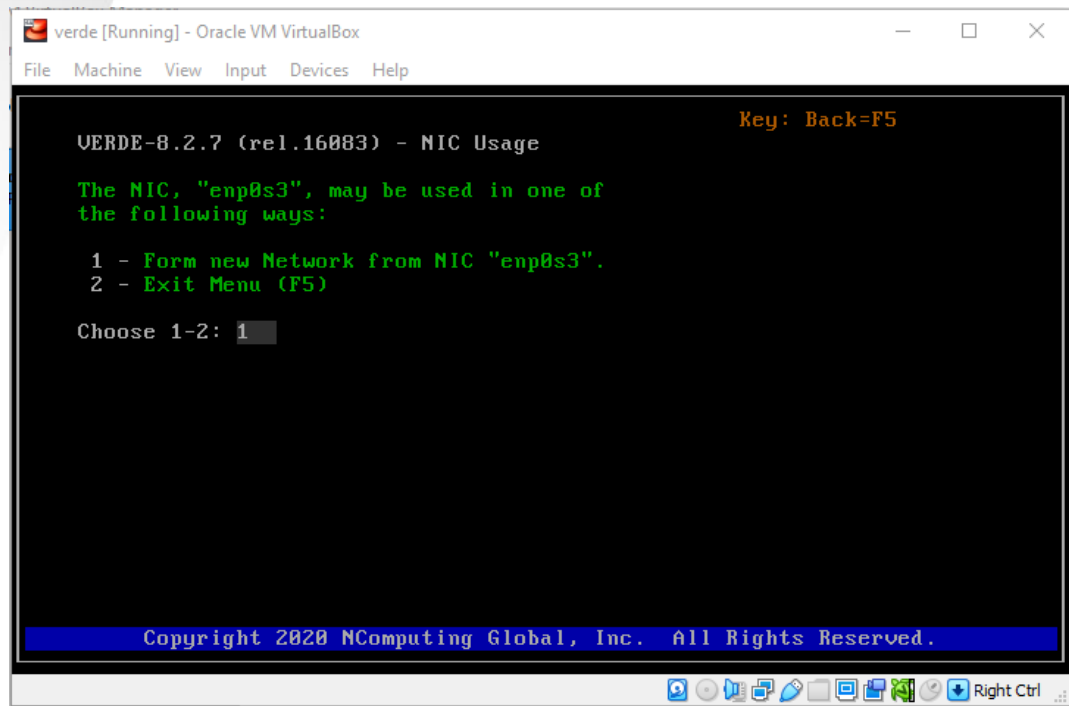
IMPORTANT: Make a note of the IP address that has been assigned to your VM (e.g., 10.0.0.209)

- Enter 2 and click the Enter key.



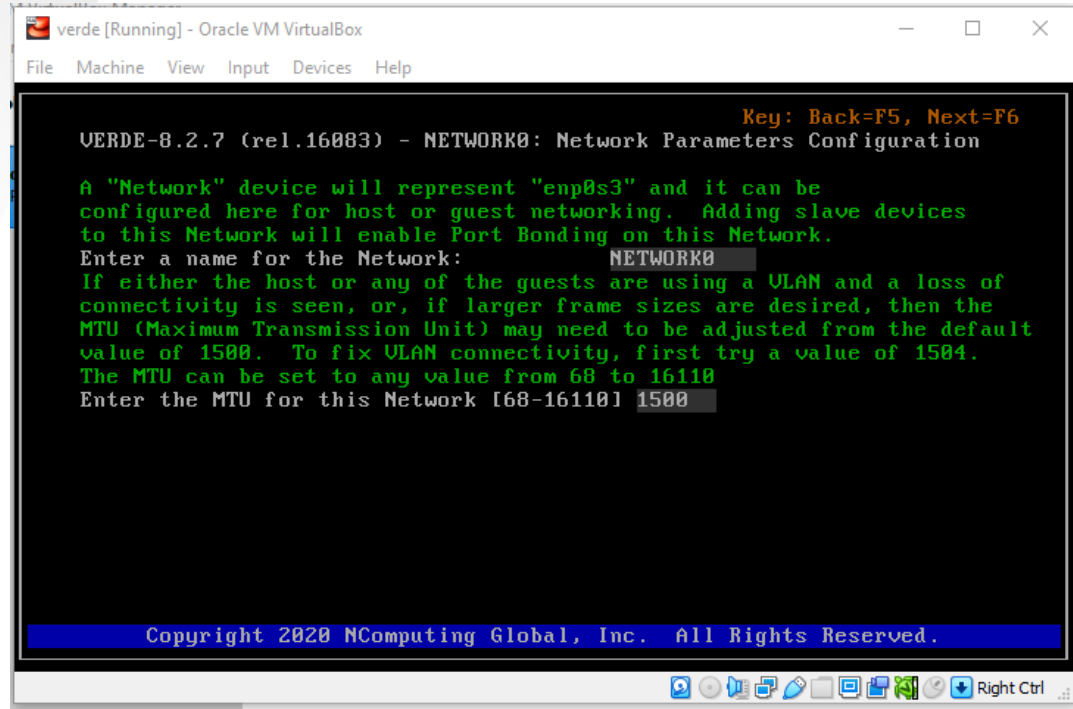
3. OVA setup [advanced] (continued)

- Enter 1 and click the ENTER key



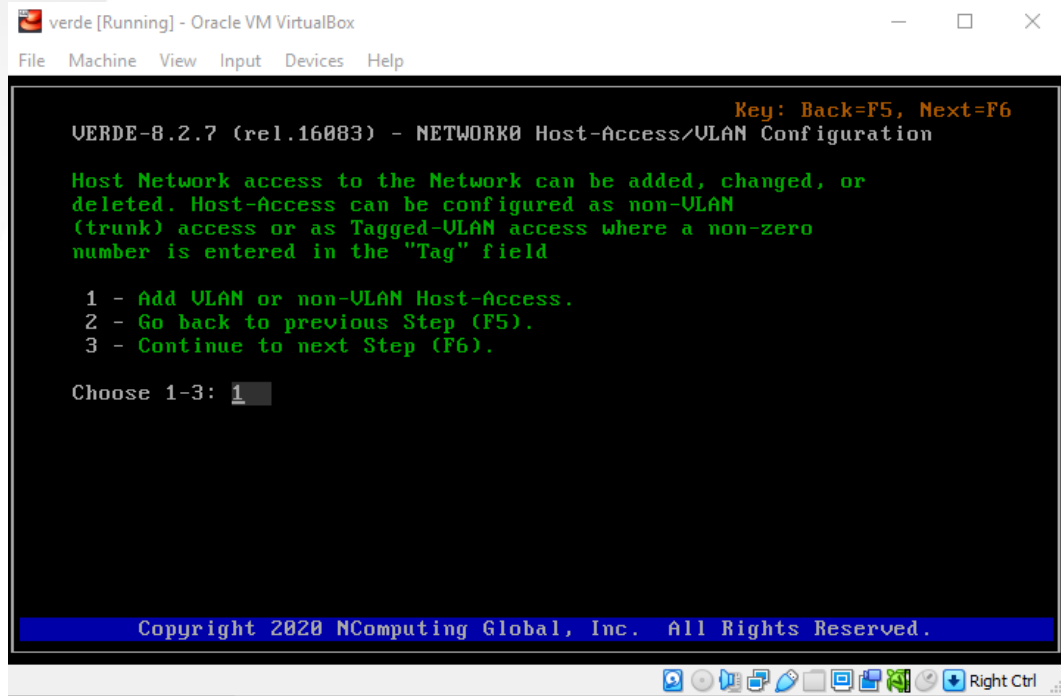
3. OVA setup [advanced] (continued)

- Accept Default values by clicking the ENTER key



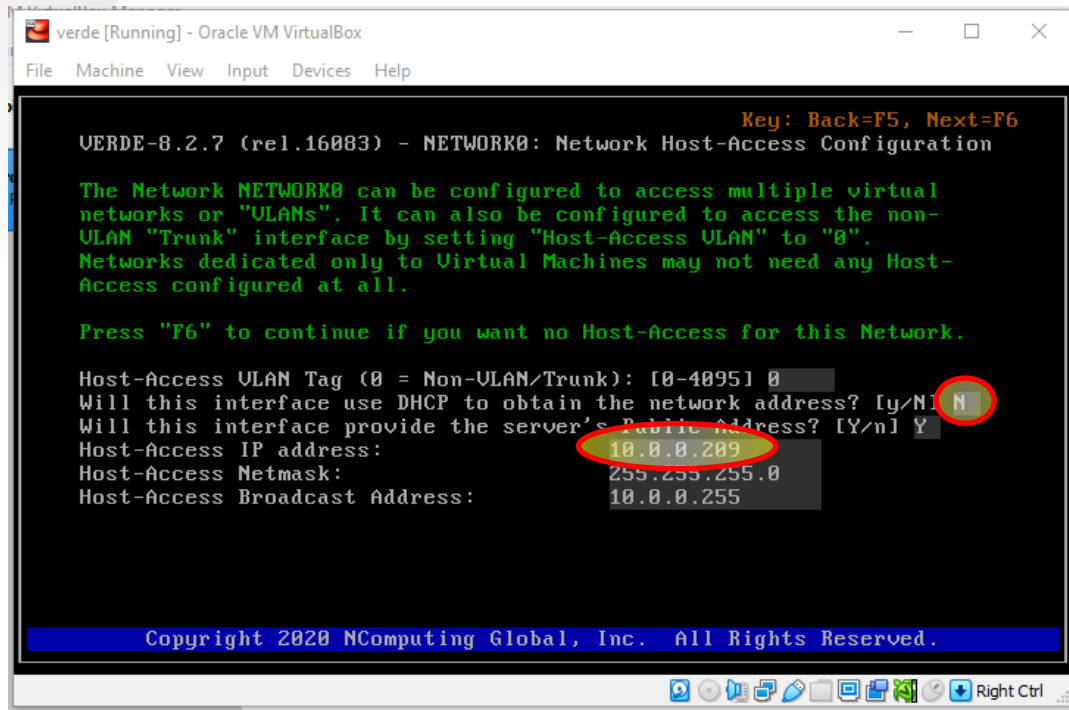
3. OVA setup [advanced] (continued)

- Enter 1 and click the ENTER key



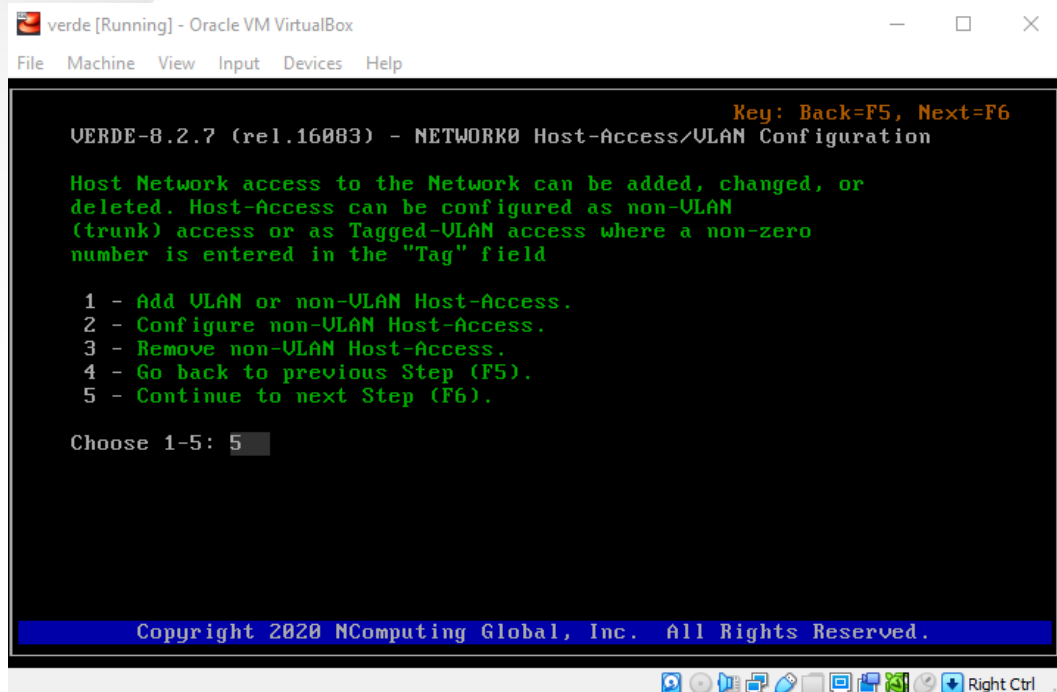
3. OVA setup [advanced] (continued)

- Accept Default values by clicking the ENTER key
- Enter the IP address noted previously for Host-Access IP Address
- Accept defaults for remaining values.



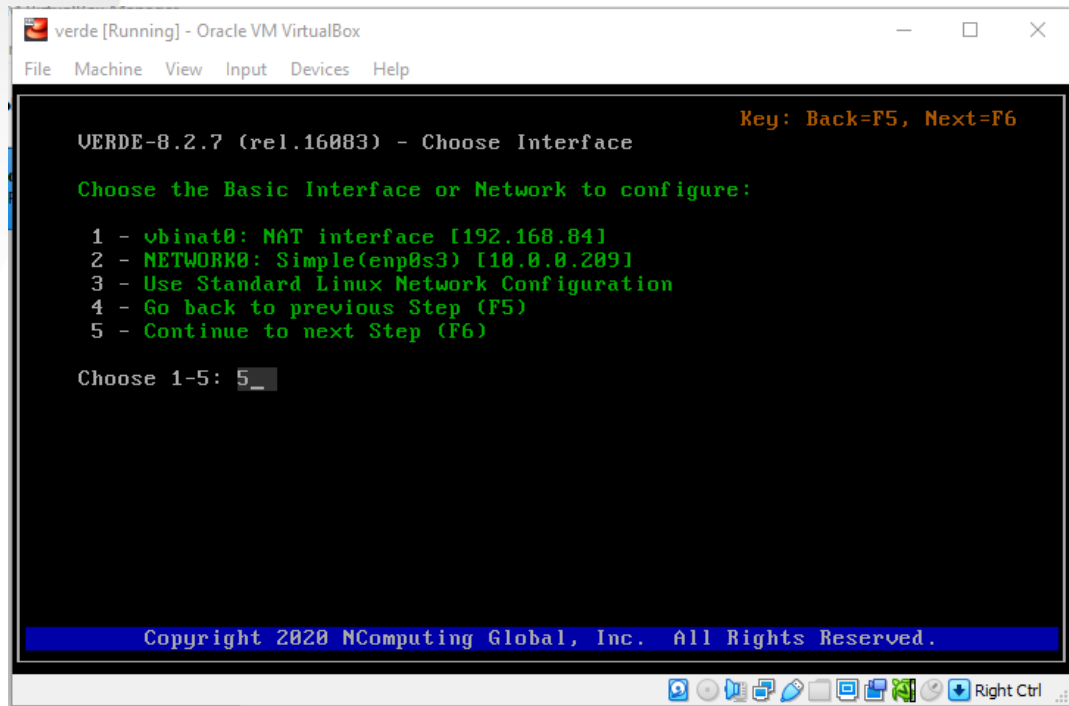
3. OVA setup [advanced] (continued)

- Enter 5 and click the ENTER key



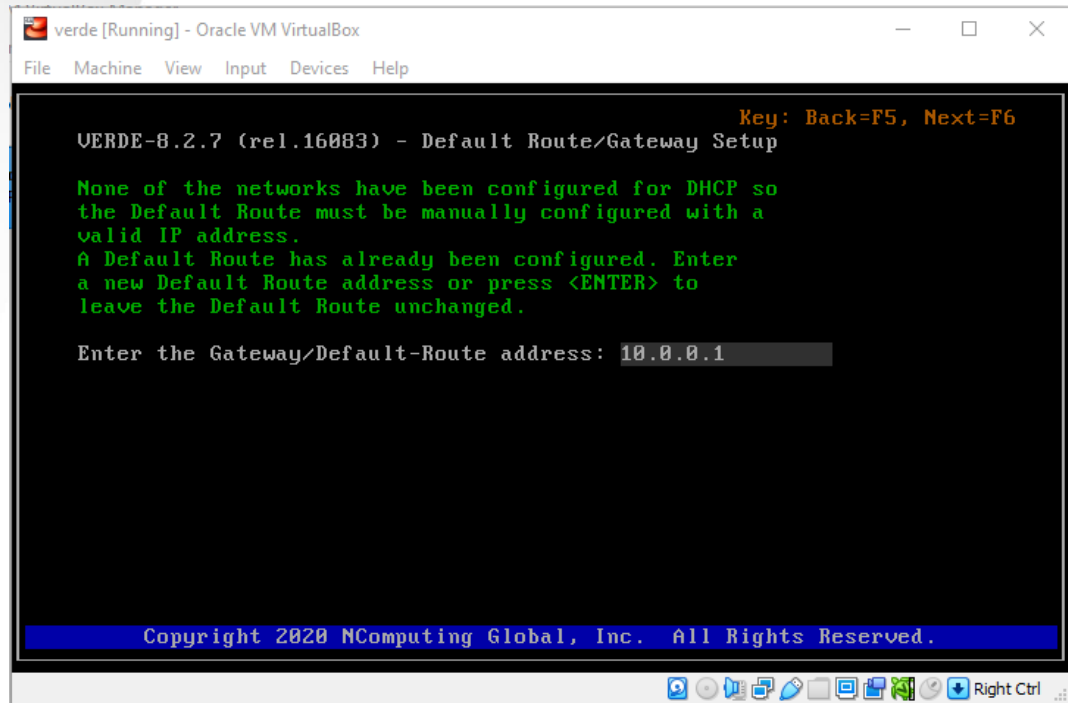
1. OVA setup [advanced] (continued)

- Enter 5 and click the ENTER key



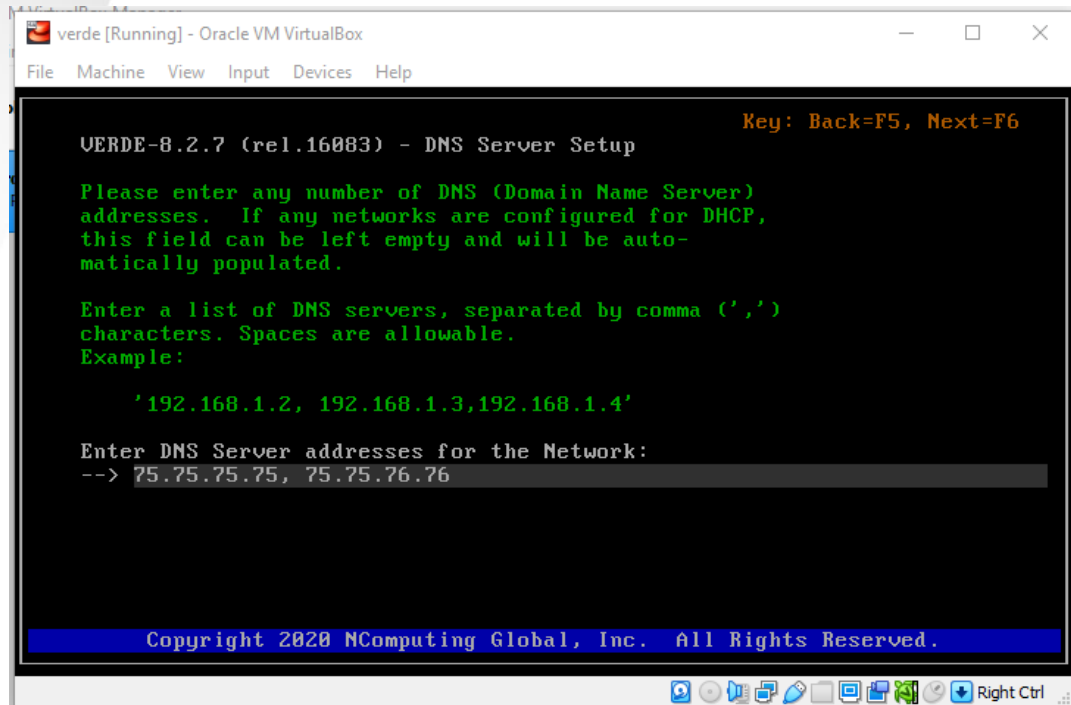
3. OVA setup [advanced] (continued)

- Accept the default value by clicking the ENTER key.



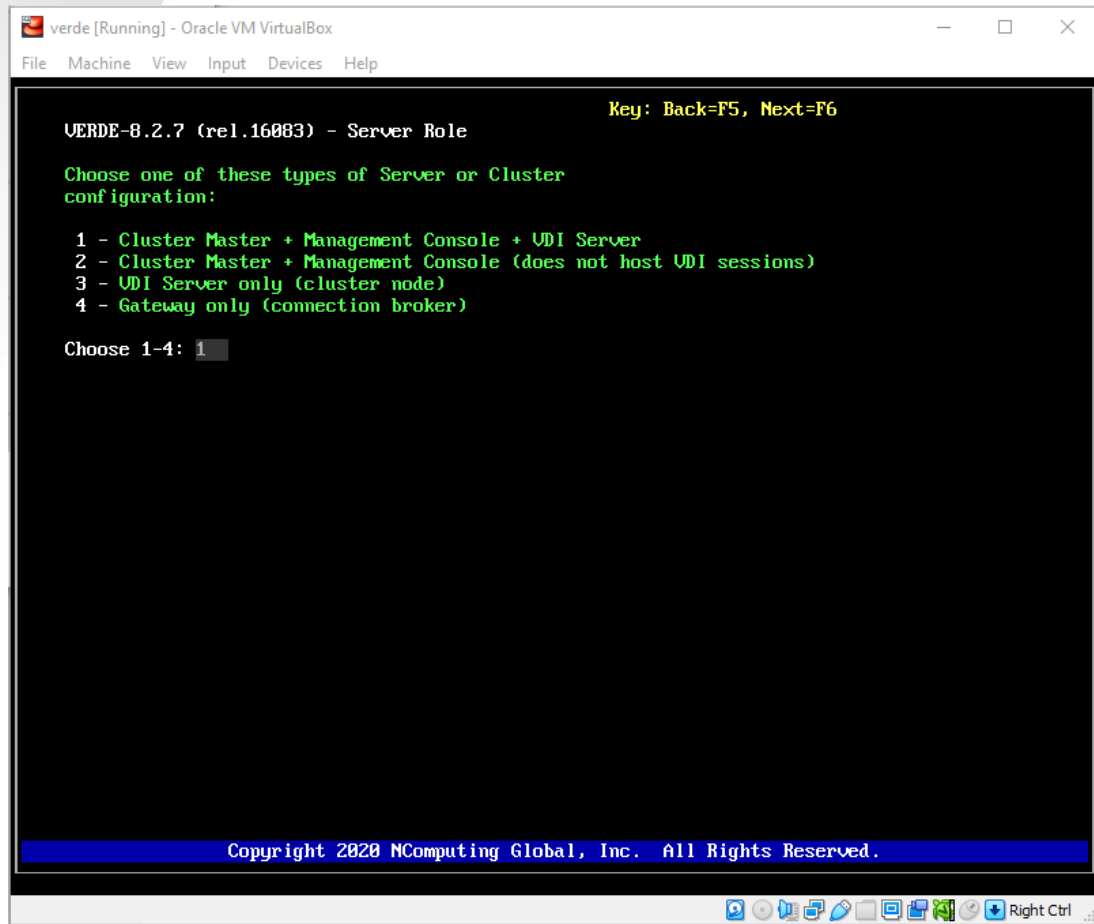
3. OVA setup [advanced] (continued)

- Accept the default value by clicking the ENTER key.



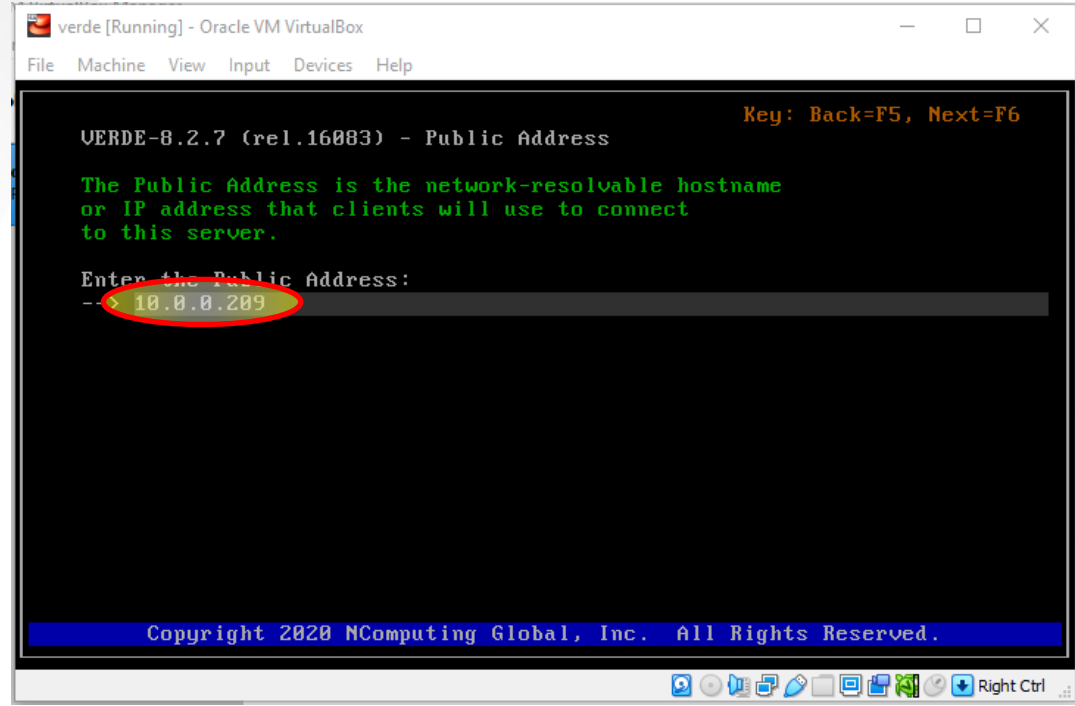
3. OVA setup [advanced] (continued)

- IMPORTANT: Select option 1 and click ENTER.



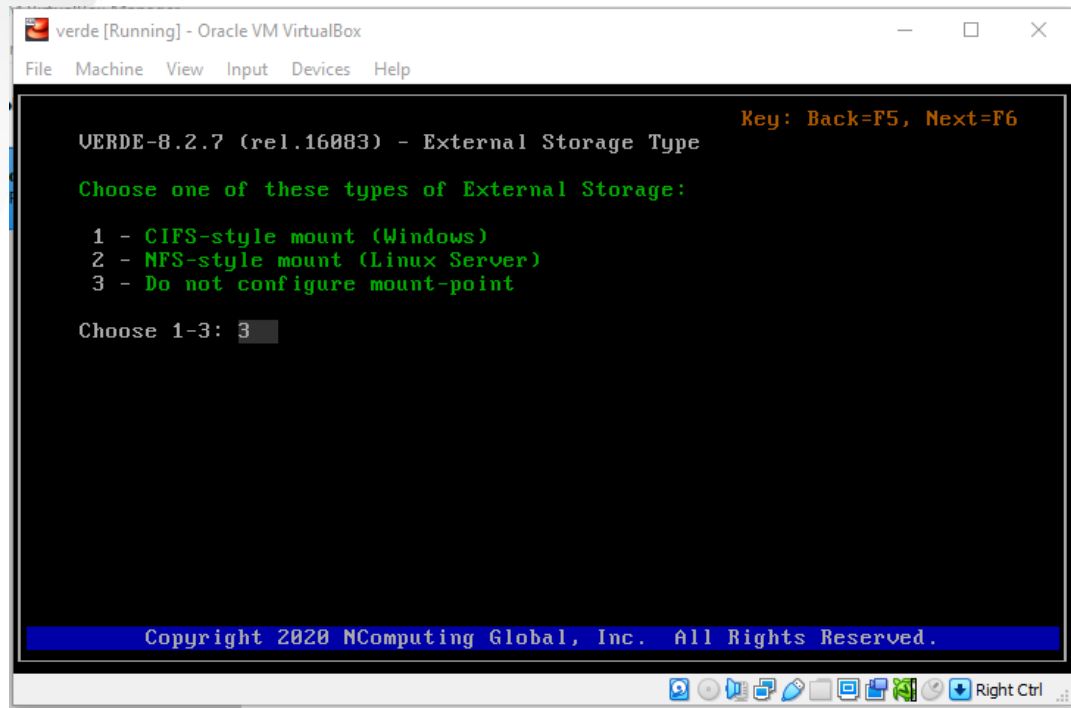
3. OVA setup [advanced] (continued)

- Accept the default value by clicking the ENTER key.
- The setup wizard should use the IP address you entered previously.



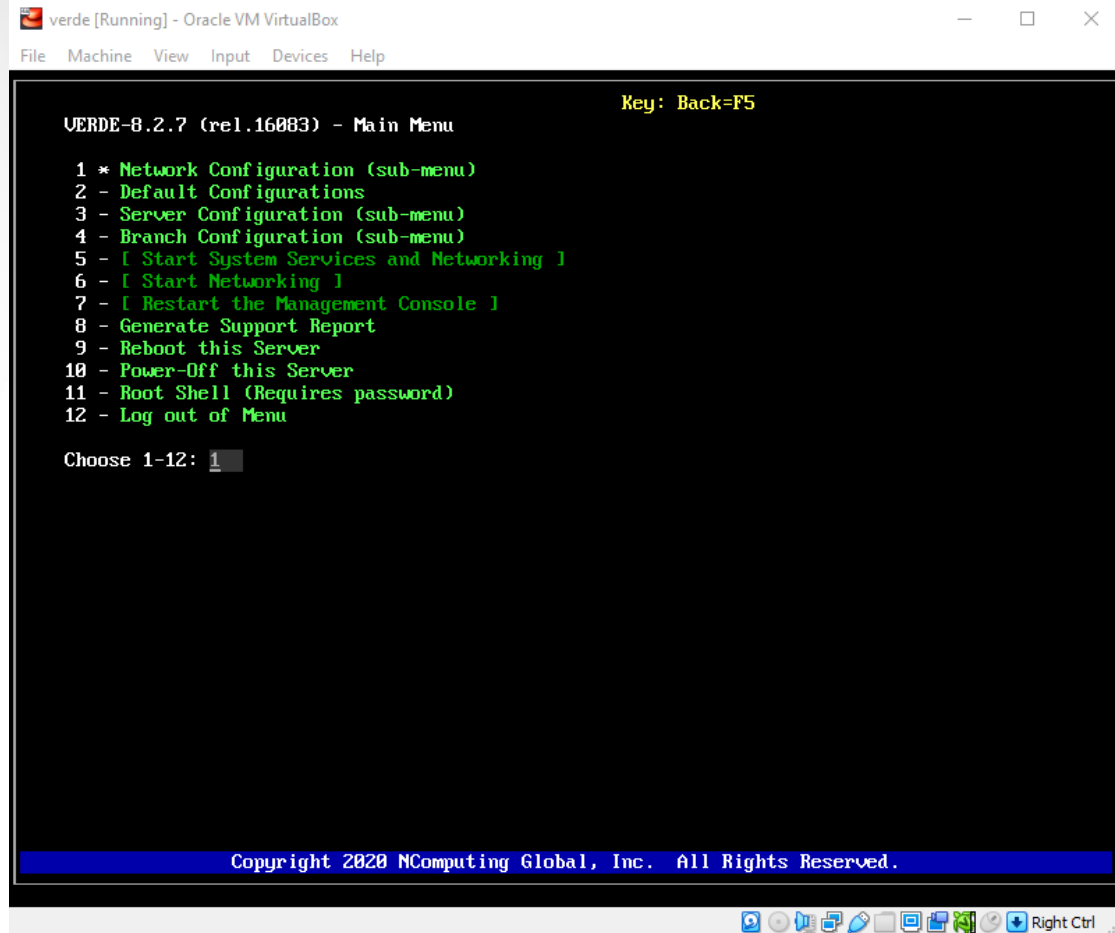
3. OVA setup [advanced] (continued)

- Select option 3 and click ENTER.



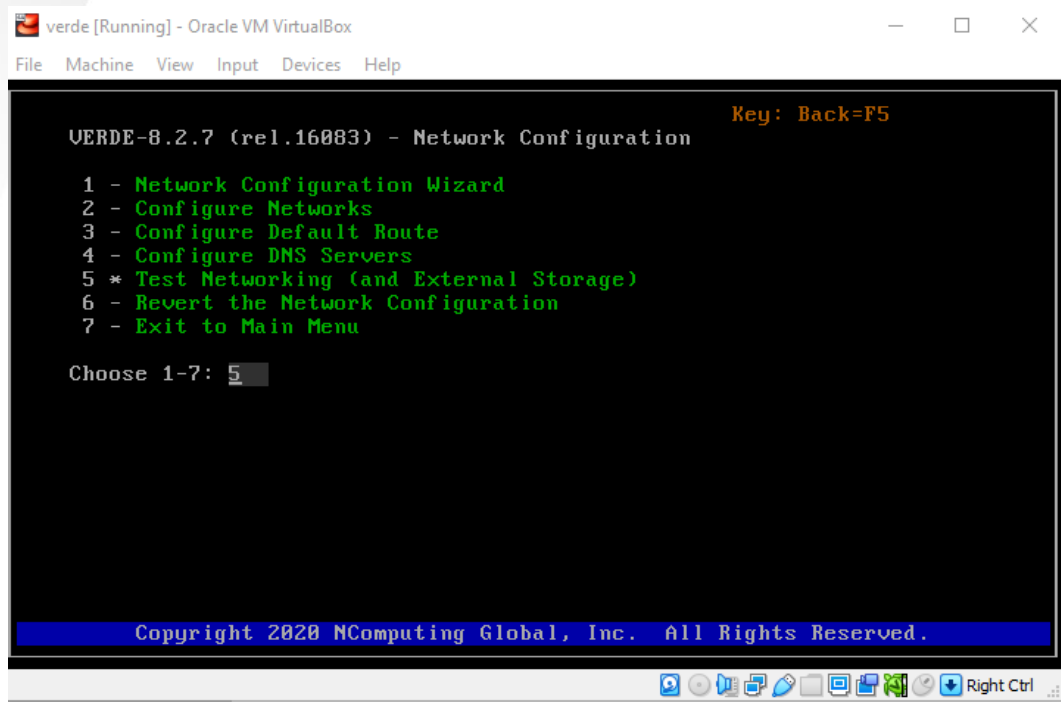
3. OVA setup [advanced] (continued)

- Select option 1 and click ENTER.



3. OVA setup [advanced] (continued)

- Select option 5 and click ENTER.



3. OVA setup [advanced] (continued)

- Assuming successful network test, press ENTER
- If the network test failed you may need to start over.

```
verde [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

VERDE-8.2.7 (rel.16083) - Test <NONE> Mount Point      Key: Back=F5

Testing Networking and Mount Command...

Bringing up configured networking. (Please wait...)
No External Storage Type configured!
  NETWORK0:          addr=10.0.0.209          mtu=1500
Bringing down networking.

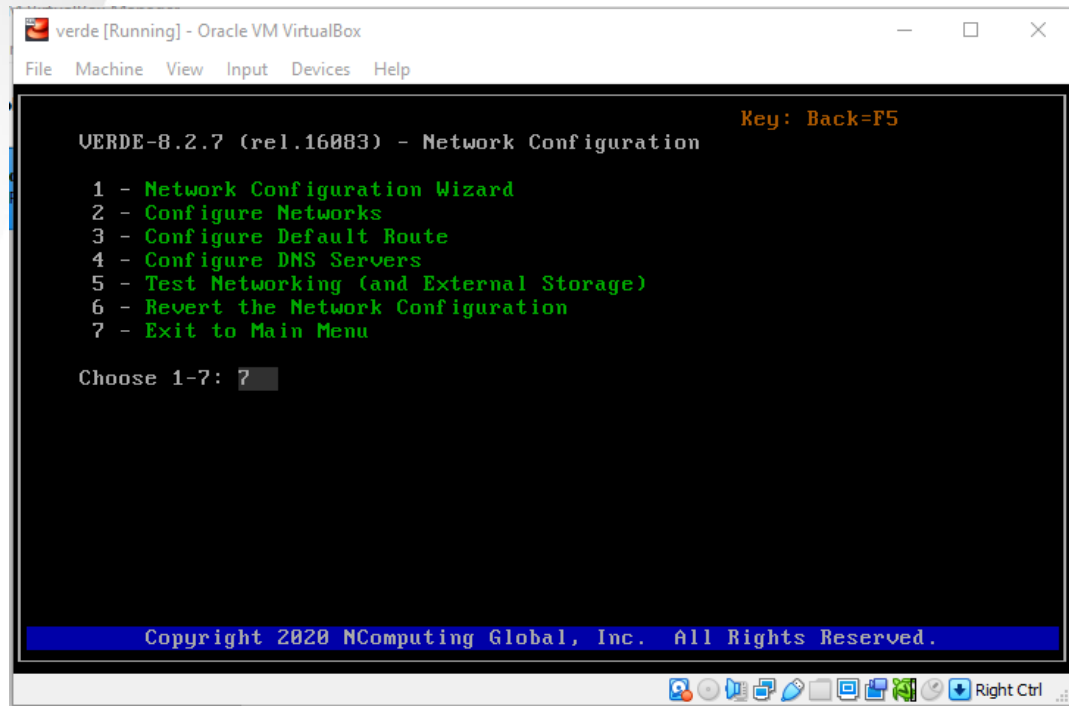
SUCCESS! The network/mount test passed!

Press <ENTER> to continue: █

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```

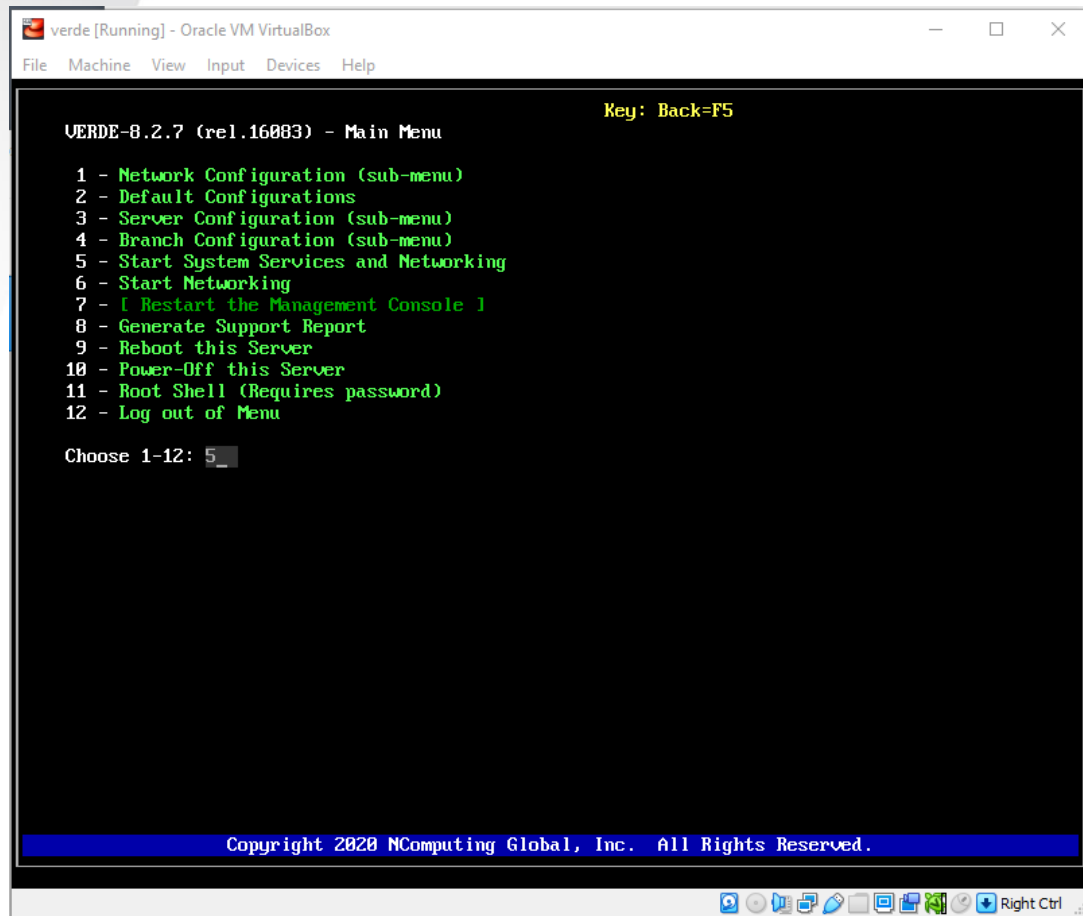
3. OVA setup [advanced] (continued)

- Select option 7 and click ENTER.



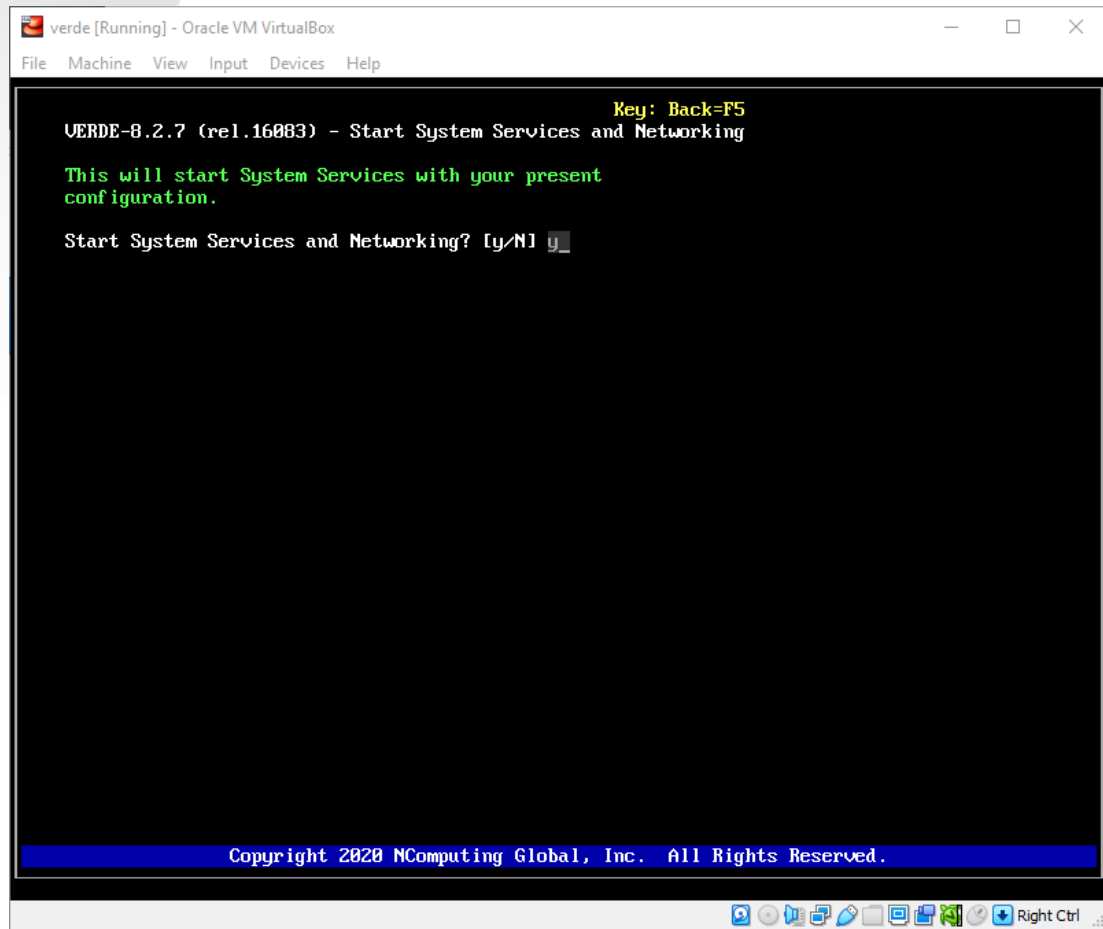
3. OVA setup [advanced] (continued)

- Select option 5 and click ENTER.



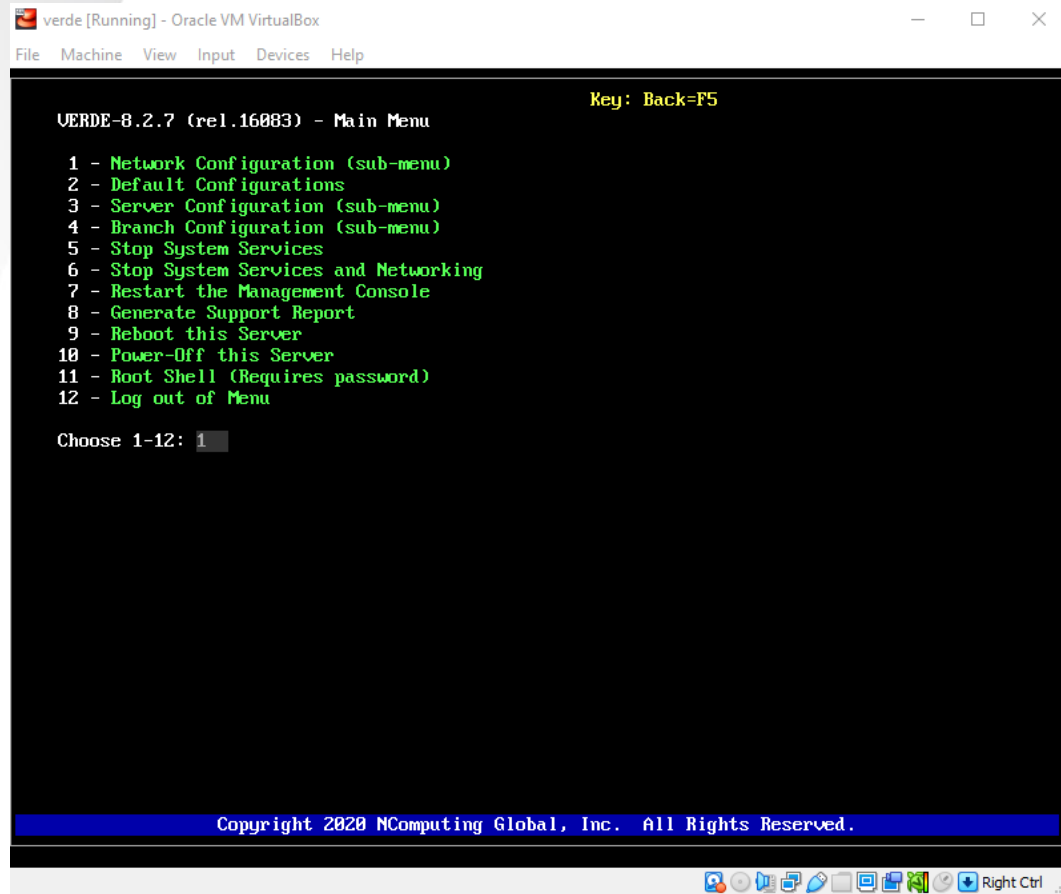
3. OVA setup [advanced] (continued)

- Enter “y” and click ENTER.



3. OVA setup [advanced] (continued)

- Setup is complete.
- Wait 1-2 minutes for all services to start.



4. VERDE Console



- Open a browser and go to `https://<IP address>:8433/mc` where “<IP address>” is the address you noted from the setup.
- Follow the usual mcadmin1 password setup

VERDE Console

*indicates required field

*Master Administrator Username

*Master Administrator Password

*Confirm Master Administrator Password

*[I accept the License Agreement \(click here to read\)](#) ☒

SAVE

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4. VERDE Console (continued)

← → ↻ ⚠ Not secure | 10.0.0.209:8443/mc/



- Login to the mcadmin1 account.

VERDE Console

Username

Password

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4. VERDE Console (continued)

- You can register now or later.
(This is the standard VERDE setup)

The screenshot shows the NComputing VERDE Console interface. The browser address bar indicates a local address: 10.0.0.209:8443/mc/MPortalLicense/tlist. The page header shows 'ORGANIZATION: GLOBAL' and user 'mcadmin1' with 'Help' and 'Logout' links. The left sidebar contains a navigation menu with categories like GOLD IMAGES, APPLICATION LAYERS, DESKTOP POLICY, SESSION SETTINGS, PRE-LAUNCH, ORGANIZATIONS, COMPUTER RESOURCES, ADMINISTRATION, and GENERAL SETTINGS. The main content area is titled 'License Pool Allocations' and displays a table with columns 'NAME' and 'EXPIRES'. A modal window is open in the center, titled 'Welcome to NComputing's VERDE VDI 8.2.7', prompting the user to register. The modal includes buttons for 'ALREADY HAVE AN ACCOUNT', 'CREATE A NEW ACCOUNT', 'OFFLINE REGISTRATION', and 'REGISTER LATER'. A red reminder message is visible in the background: '*Reminder: you have not yet Please complete the registration licenses.'

← → ↻ ⚠ Not secure | 10.0.0.209:8443/mc/MPortalLicense/tlist

ORGANIZATION: GLOBAL mcadmin1 | Help Logout

verde™ Dashboard Configuration Reporting VERDE Console

GOLD IMAGES
Cache IO Status

APPLICATION LAYERS

DESKTOP POLICY

DESKTOP POLICY CONFIGURATION

SESSION SETTINGS

PRE-LAUNCH
Desktop Pools
Scheduled Launch
VM Execution

ORGANIZATIONS

COMPUTER RESOURCES

ADMINISTRATION
Roles
Users
Groups
LDAP Connections

GENERAL SETTINGS
General Settings
License
MAC Address Pools
Branch Clusters
Resources
WinCo Settings
Log Transfer

License Pool Allocations

NAME	EXPIRES
Offline trial	28 Jun 2020

Welcome to NComputing's VERDE VDI 8.2.7

Please register your VERDE VDI installation with the NComputing Management Portal

ALREADY HAVE AN ACCOUNT

CREATE A NEW ACCOUNT

OFFLINE REGISTRATION

REGISTER LATER

VERDE VDI 8.2.7 installations come with trial seat licenses that allow you to immediately begin using all VERDE VDI features. You must complete the registration process and obtain paid VERDE seat licenses to continue using VERDE after the trial licenses expire.

***Reminder:** you have not yet Please complete the registration licenses.

g. to be eligible to obtain and apply paid VERDE seat

4. VERDE Console (continued)

- Click on Users and add a new local user

ORGANIZATION: GLOBAL mcadmin1 Help Logout

verde Dashboard Configuration Reporting VERDE Console

Users

USERNAME
mcadmin1

Create new User

*Username: frank *indicates required field

* Password: *****

* Confirm Password: *****

Roles

- ☐ Management Console Master Administrator
- ☐ Management Console User
- ☐ Desktop Administrator

Search by: Group Name: Search Clear

Search Results:

0 Click "Select" in Search Results to add a group to the Selected list.

Name	Action
------	--------

Selected:

0

Name	Action
------	--------

SAVE CANCEL

+ CREATE NEW

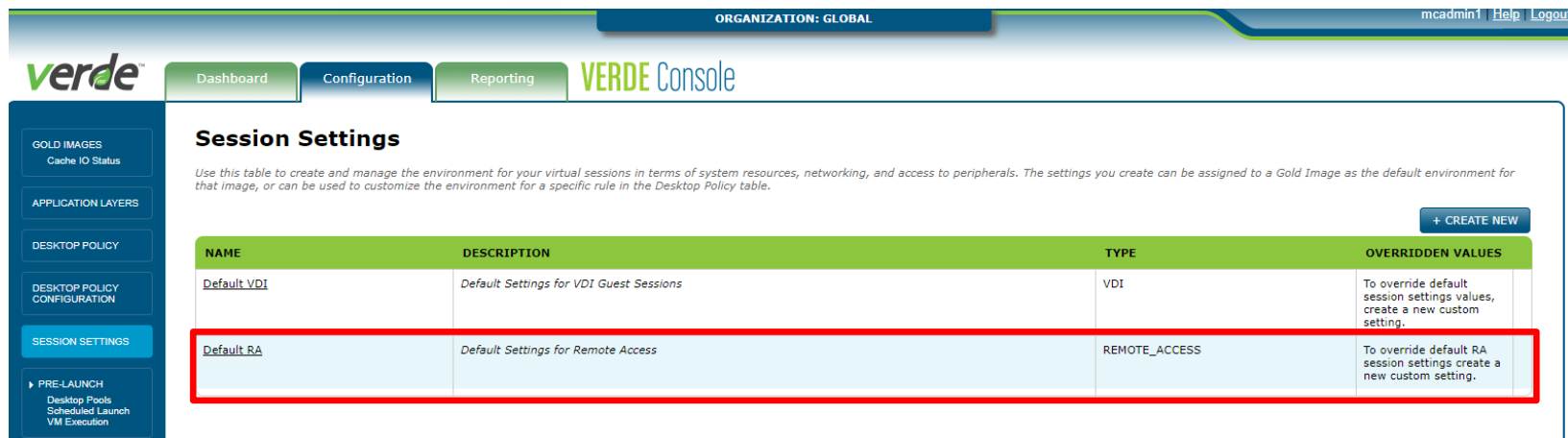
Page size: 10 25 50

ADMINISTRATION

- Users

4. VERDE Console (continued)

- VERDE comes with a Default Session Settings configured for Remote Access Functionality



ORGANIZATION: GLOBAL mcadmin1 | Help | Logout

verde Dashboard Configuration Reporting VERDE Console

Session Settings

Use this table to create and manage the environment for your virtual sessions in terms of system resources, networking, and access to peripherals. The settings you create can be assigned to a Gold Image as the default environment for that image, or can be used to customize the environment for a specific rule in the Desktop Policy table.

[+ CREATE NEW](#)

NAME	DESCRIPTION	TYPE	OVERRIDDEN VALUES
Default VDI	Default Settings for VDI Guest Sessions	VDI	To override default session settings values, create a new custom setting.
Default RA	Default Settings for Remote Access	REMOTE_ACCESS	To override default RA session settings create a new custom setting.

4. VERDE Console (continued)

Alternatively, you can define custom Remote Access Session settings.

- Click on Session Settings to add a new Remote Access Session setting.
- Enter a Name, Description and set Type to “Remote Access”

ORGANIZATION: GLOBAL mcadmin1 Help Logout

verde Dashboard Configuration Reporting VERDE Console

Session Settings

Use this table to create and manage the environment for your virtual sessions in terms of system resources, networking, and access to peripherals. The settings you create can be assigned to a Gold Image as the default environment for that image, or can be used to customize the environment for a specific rule in the Desktop Policy table.

Create new Session Settings Object

NAME

Default VDI

Default RA

Session Settings

PRE-LAUNCH

Desktop Pools

Scheduled Launch

VM Execution

ORGANIZATIONS

COMPUTER RESOURCES

ADMINISTRATION

Roles

Users

Groups

LDAP Connections

CREATE NEW

OVERIDDEN VALUES

To override default session settings values, create a new custom setting.

To override default RA session settings create a new custom setting.

***Name:** Custom_RA

Description: My Custom Remote Access Session Settings

Type: ☐ VDI ☒ Remote Access

SECURITY **PROTOCOL** **USB** **ACTIVE DIRECTORY**

SETTINGS

Clipboard *

☐ User PC environment > VM environment

☐ VM environment > User PC environment

☒ Allow All (user PC <=> VM)

☐ Disable

VALUE

* These features apply only to VERDE Windows Software Client and Windows OS-based Guest Sessions

SAVE **CANCEL**

4. VERDE Console (continued)

- Click on Desktop Policy to add a new rule to access a physical PC.
- Select Remote Access Assignment Type
- Enter the physical PC IP address. This IP address must be accessible from the VERDE Remote Access VA. This could be a physical PC located on the same network using an internal IP (e.g., 10.0.1.7) or a PC with a publically accessible IP address (e.g., 104.209.67.63).
- Enter a description and, optionally, the domain name of the physical PC. The domain name may be required if the PC from which you want to connect is already connected to a different domain. The PC Domain Name entered here will override any cached value.

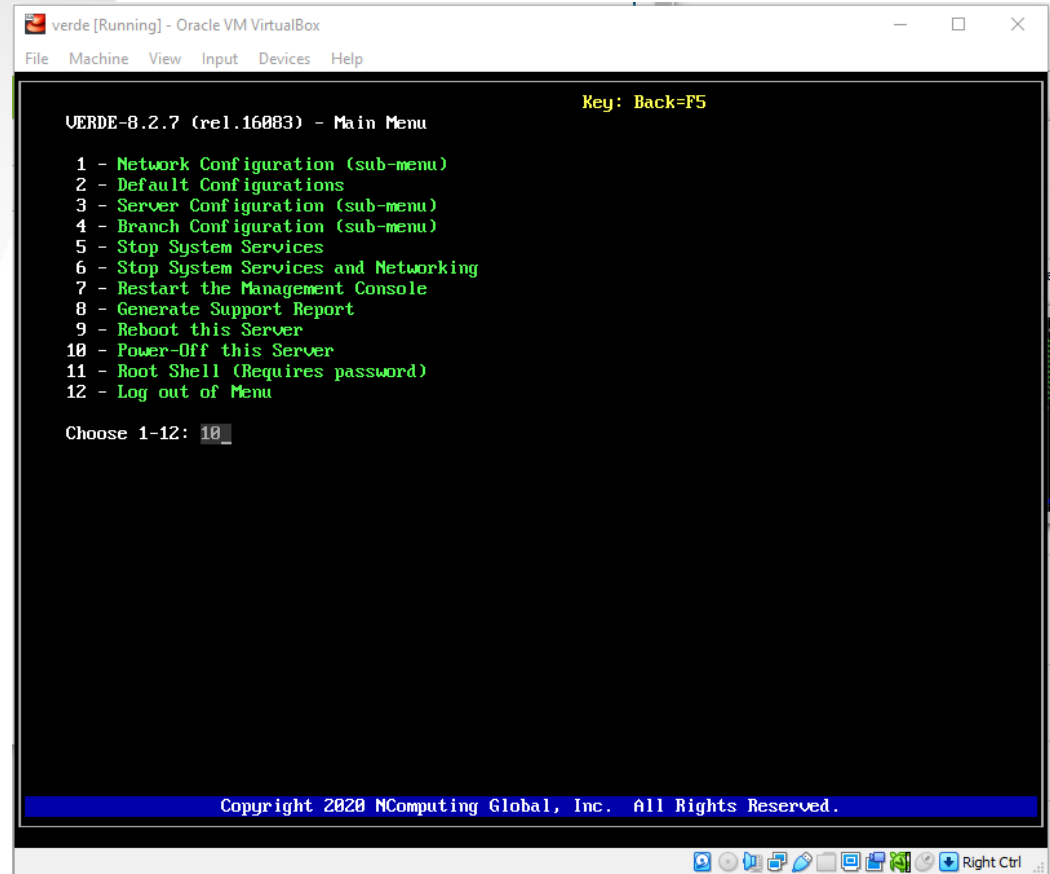
The screenshot shows the VERDE Console interface. On the left sidebar, the 'DESKTOP POLICY' menu item is highlighted with a red circle. The main content area is titled 'Desktop Policy' and includes a table with columns 'RULE' and 'USER / GROUP'. A single rule is listed with '1' in the 'RULE' column and 'frank' in the 'USER / GROUP' column. Below the table, it says 'All Users'. An 'Add Rule' dialog box is open in the foreground, containing the following fields:

- *User/Group**: frank (with a note: "Precede group names with \"%\"")
- Assignment Type**: Radio buttons for Gold Image, Desktop Pool, and Remote Access (selected).
- Settings**: Default RA (dropdown)
- PC IP Address**: 104.210.60.63
- PC Description**: AzureWin10
- PC Domain Name**: fcpvwin10 (optional)

At the bottom right of the dialog are 'SAVE' and 'CANCEL' buttons.

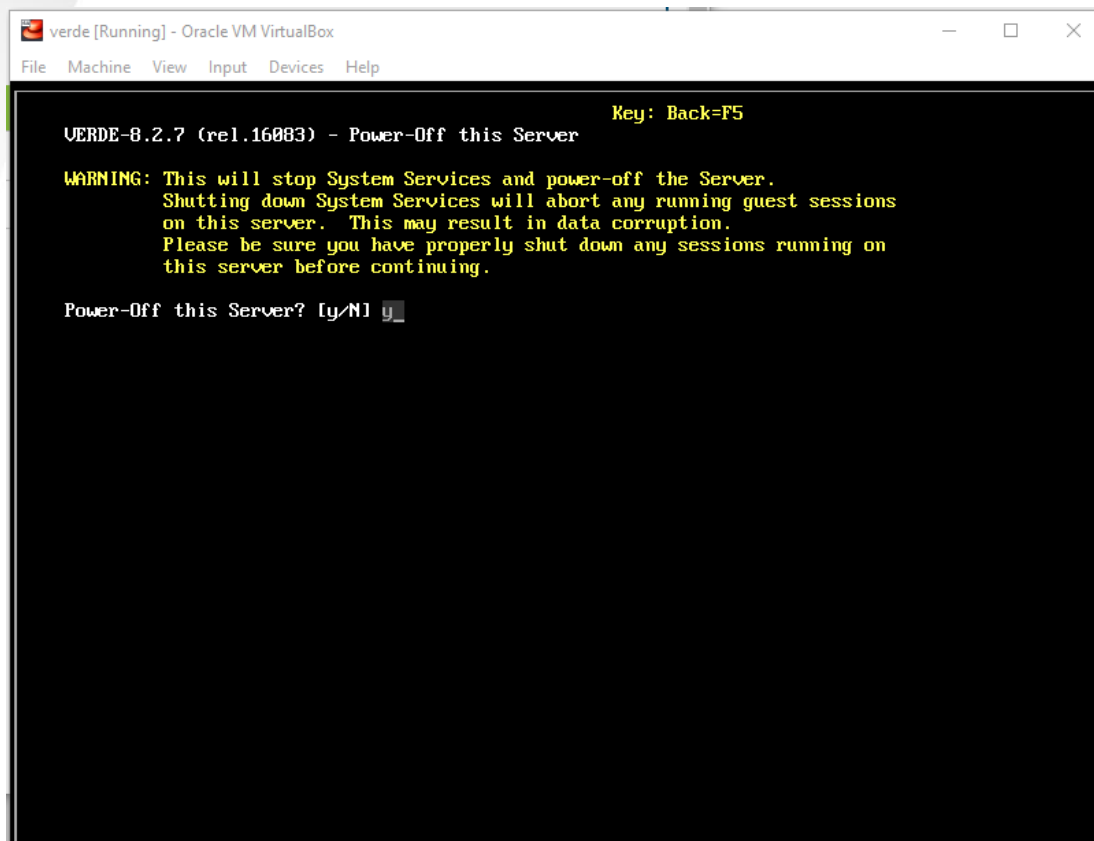
5. Shut down VERDE Remote Access

- To shutdown the VERDE Remote Access OVA, select option 10 and click Enter



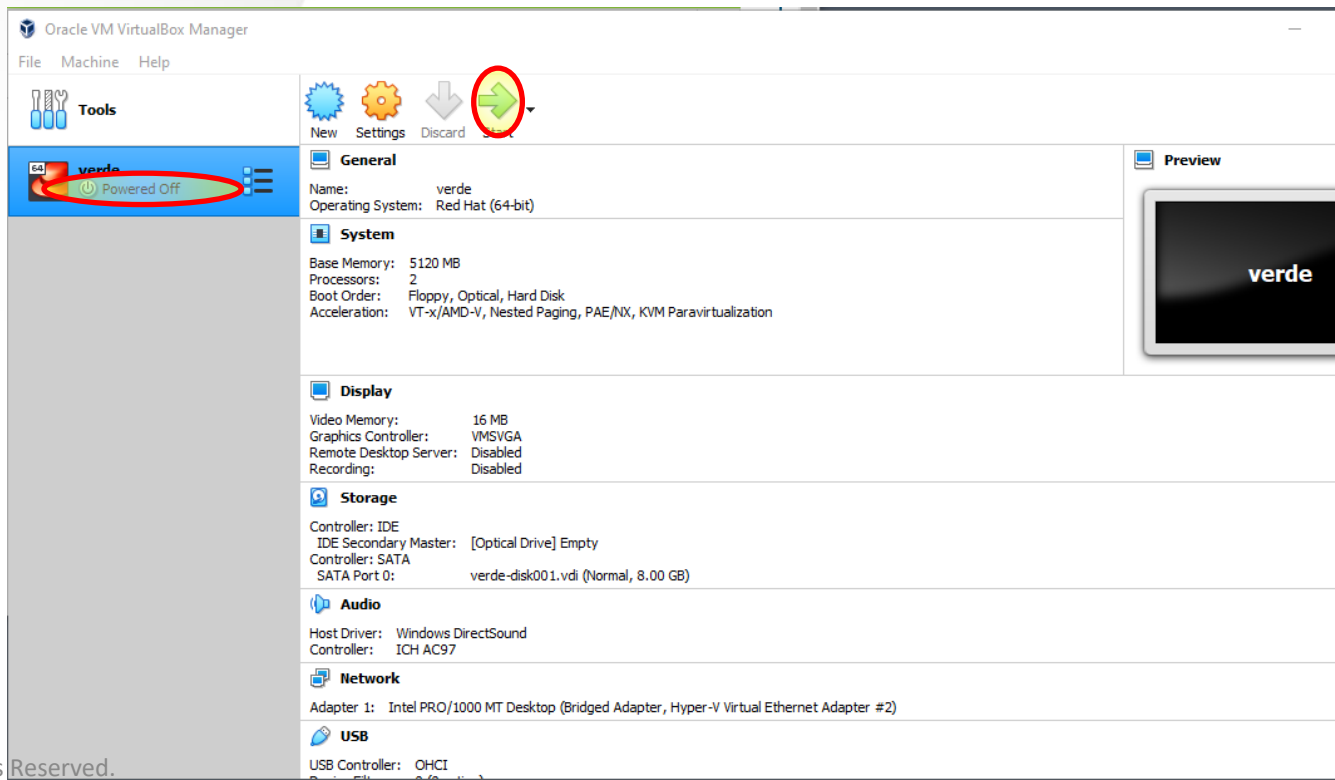
5. Shut down VERDE Remote Access (continued)

- Enter “y” and click ENTER



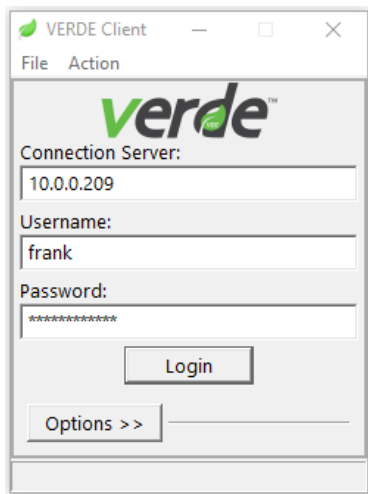
5. Shut down VERDE Remote Access (continued)

- When shutdown is complete, the VM will show as “Powered Off.”
- Click the Start button to re-start the VM

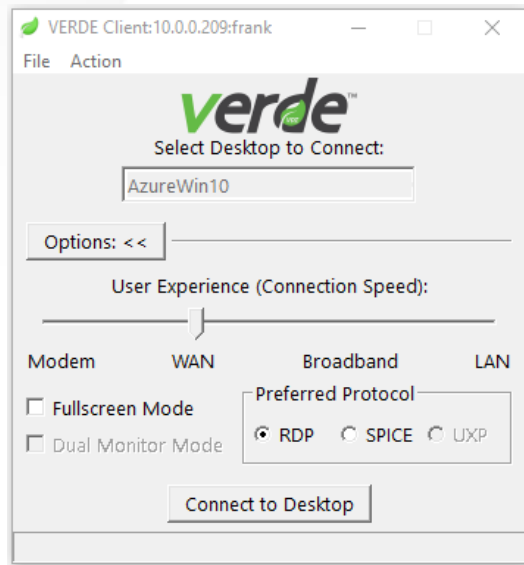


6. How a User Connects

- Launch the new VERDE S/W Client
- Enter the IP address of the VERDE Remote Access Virtual Appliance.

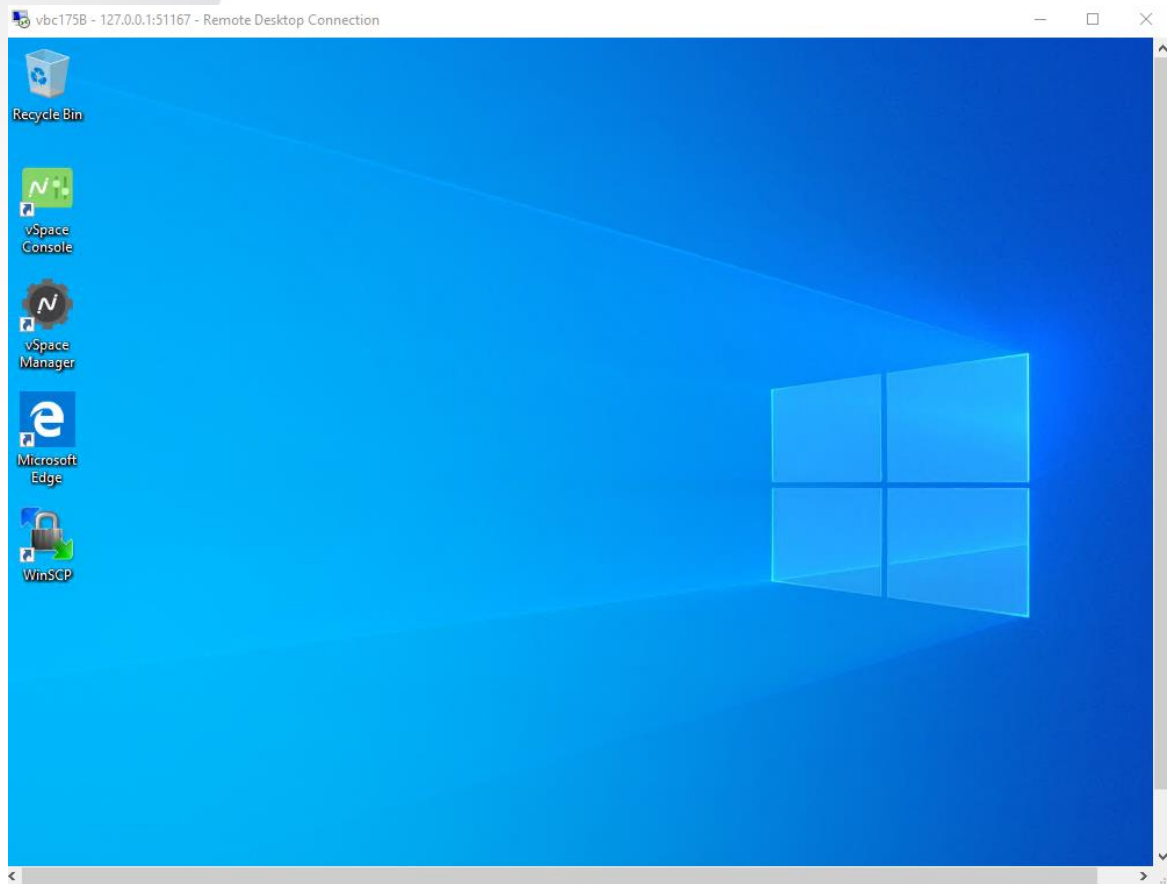


- Select the desired desktop and click "Connect to Desktop"



6. How a User Connects (continued)

- If everything is configured correctly a new window will open with RDP access to your remote PC.



CONTACT US

For more information on NComputing products and services, please contact your local reseller or chat with us on our website.

For technical support, please visit
<https://support.ncomputing.com>



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THANK YOU
CHOOSING
NCOMPUTING