



VMWARE VSPHERE 7.0: INSTALL, CONFIGURE, MANAGE



Lab 01: Navigating the vSphere Web Client

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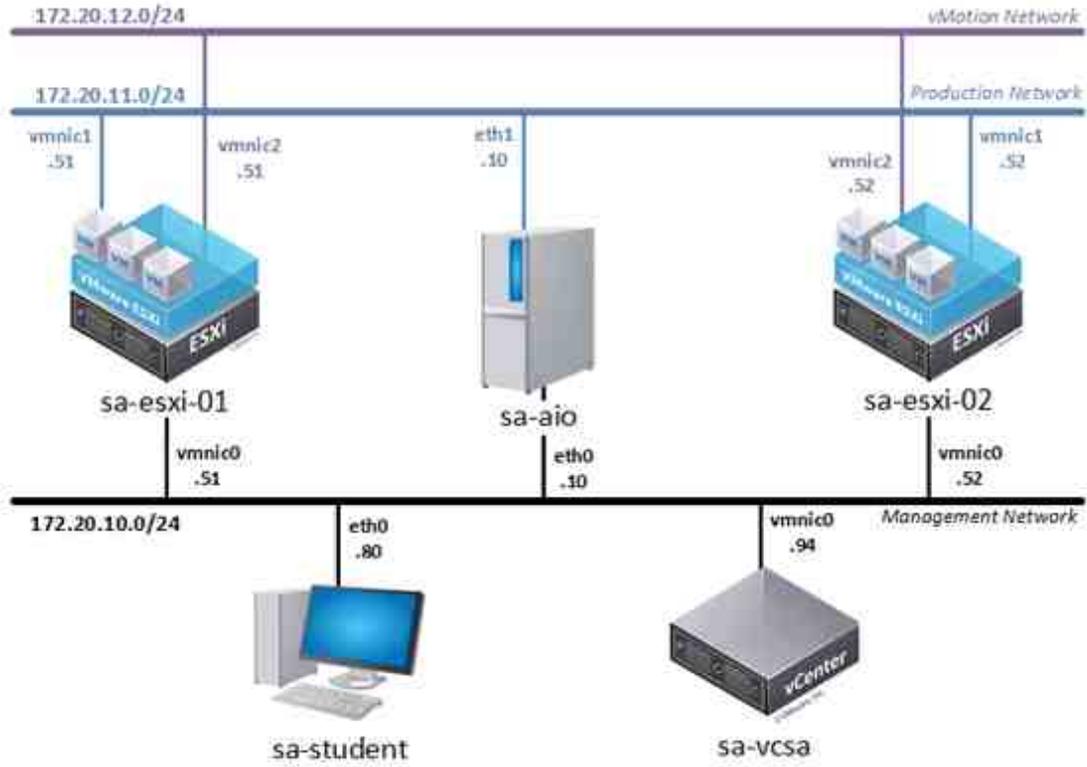
Introduction

In this lab, you will become familiar with the vSphere Client.

Objectives

-) Log In and Navigate vCenter Server via the vSphere Client
-) Log In to an ESXi host via the VMware Host Client

Lab Topology



Lab Settings

The information in the table below will be needed to complete the lab. The task sections below provide details on the use of this information.

Virtual Machine	IP Address	Account	Password
sa-esxi -01	eth0: 172. 20. 10. 51	root	Trai n1ng\$
sa-esxi -02	eth0: 172. 20. 10. 52	root	Trai n1ng\$
sa-ai o	eth0: 172. 20. 10. 10	sysadmi n	vmware123
sa-student	eth0: 172. 20. 10. 80	sysadmi n	vmware123
sa-vcsa	eth0: 172. 20. 10. 94	sysadmi n@vcl ass. l ocal	vmware123

1 Log In and Navigate vCenter Server via the vSphere Client

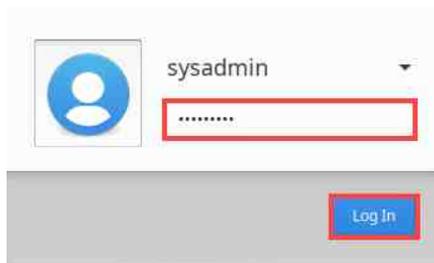
In this task, you will navigate through the objects in the navigation tree and view the configuration settings to become familiar with the UI layout while using the vSphere Client.

1. Launch the sa-student virtual machine to access the graphical login screen.

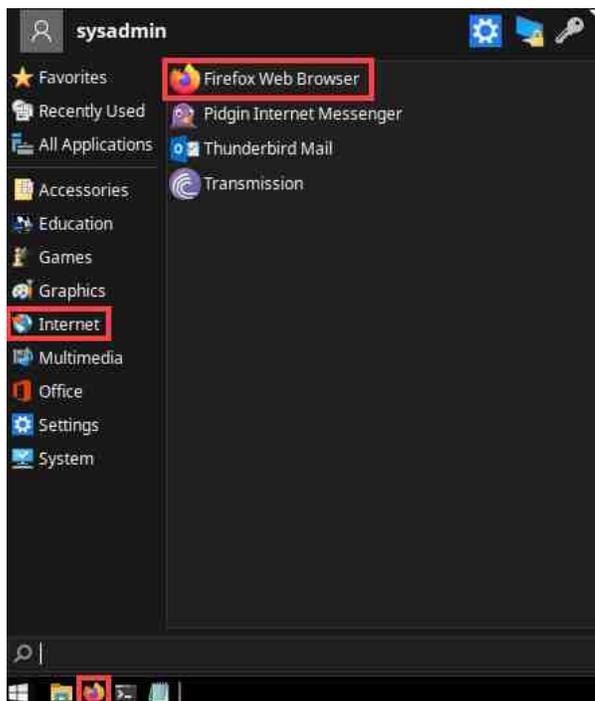


To launch the console window for a virtual machine, you may access by either clicking on the machine's graphic image from the topology page or by clicking on the machine's respective tab from the navigation bar.

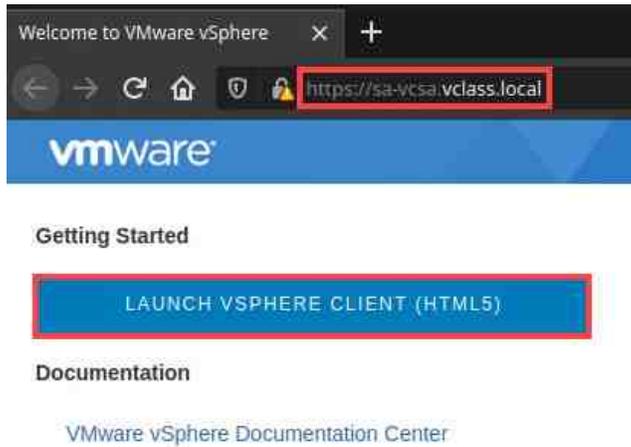
2. Log in as `sysadmin` using the password `vmware123`.



3. Launch the Mozilla Firefox web browser by either clicking on the icon shortcut found on the bottom toolbar or by navigating to Start Menu > Internet > Firefox Web Browser.

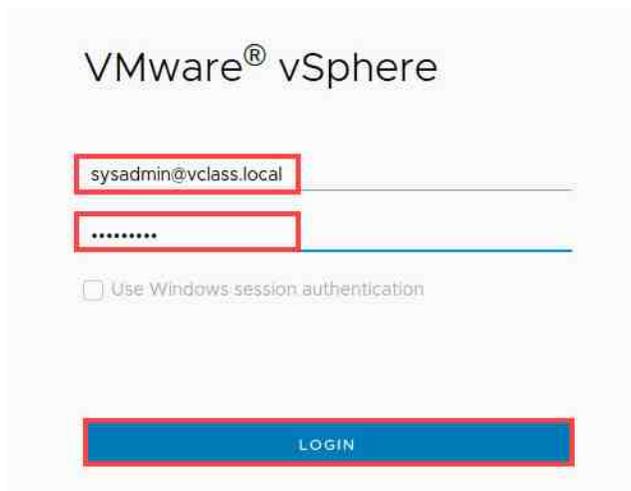


4. Notice the homepage is automatically configured to load the URL address of the VMware vCenter Server Appliance (sa-vcasa virtual machine). Click on the LAUNCH VSPHERE CLIENT (HTML5) button to launch the vSphere Client.



If you cannot successfully load the VMware Getting Started webpage, then please wait an additional 3-5 minutes and refresh the page to continue. During this time, the vCenter Server Appliance is still booting up and requires extra time to initialize.

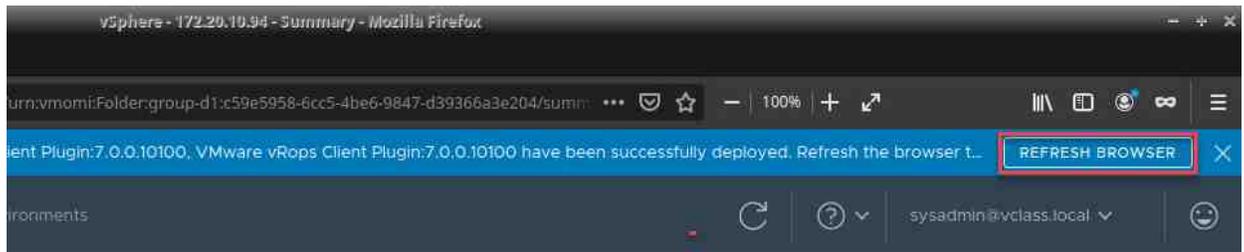
5. In the Username text field, type `sysadmin@vclass.local` and in the Password text field, type `vmware123`. Click on LOGIN.



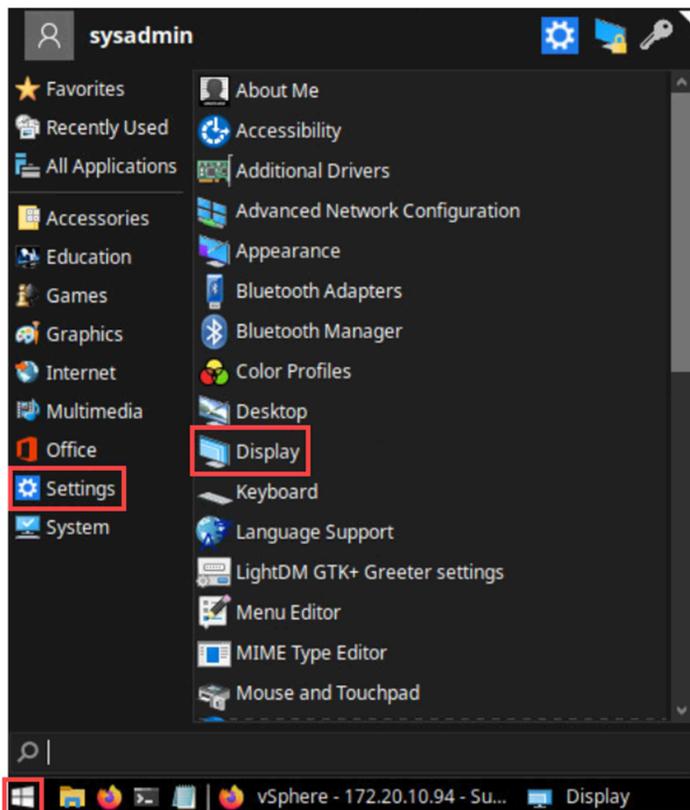
Please Note

You may ignore the "browser-OS combination" warning message presented on the VMware vCenter Single Sign-On page and continue moving forward with the lab.

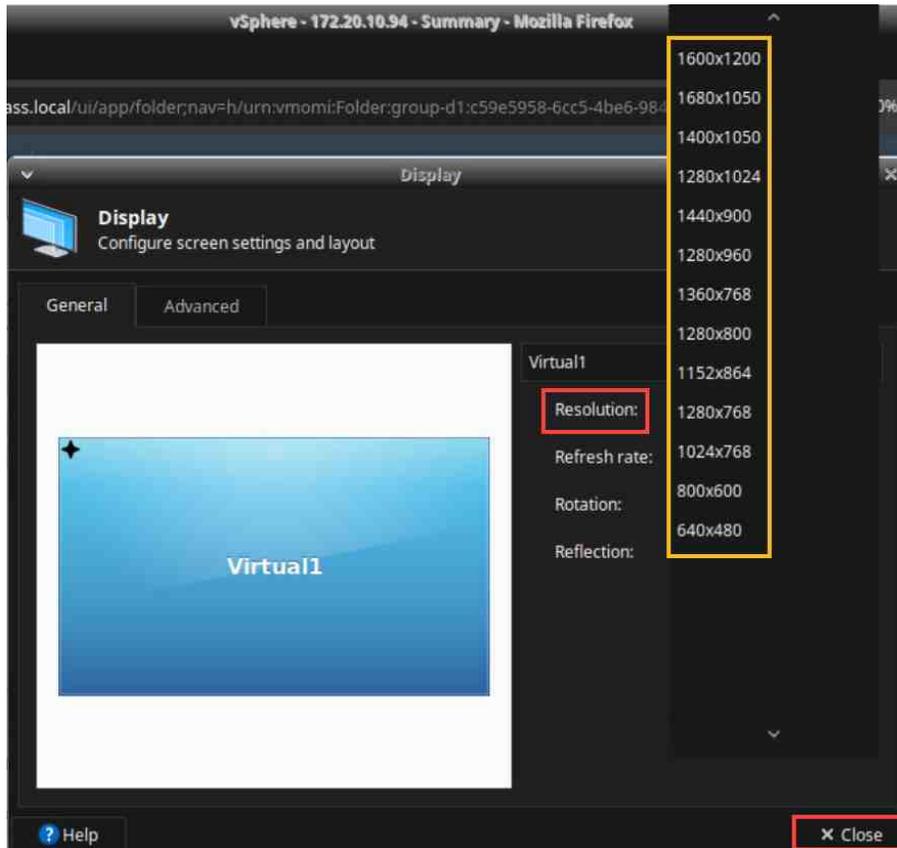
- Throughout the VMware ICM lab set, if you see an informational pop-up, click REFRESH BROWSER.



- For this VMware ICM lab set, adjust the Display resolution at the beginning of each lab, depending on your screen size. Click the Start button, go to Settings > Display.

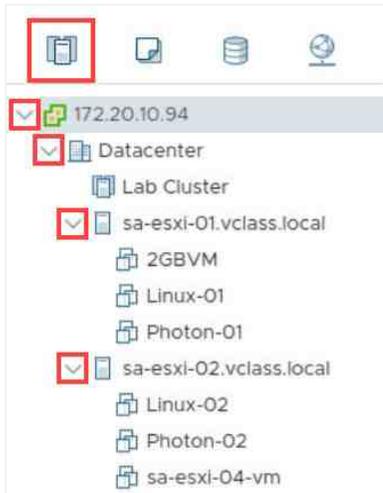


- In the Display window, the default Resolution is automatically set to 1280x768 for each new lab reservation. Open the Resolution dropdown menu and choose the resolution that best fits your screen.

**Please Note**

This is the only lab with these instructions, and that in each new lab reservation the default screen resolution will be set to 1280x768. If you have difficulties viewing the lab environment throughout the VMware ICM lab set, refer to steps 6 and 7 of Lab 1.

- In the navigator pane, ensure that you are viewing the Hosts and Clusters tab. Proceed with clicking the arrow next to each object to expand the view completely.



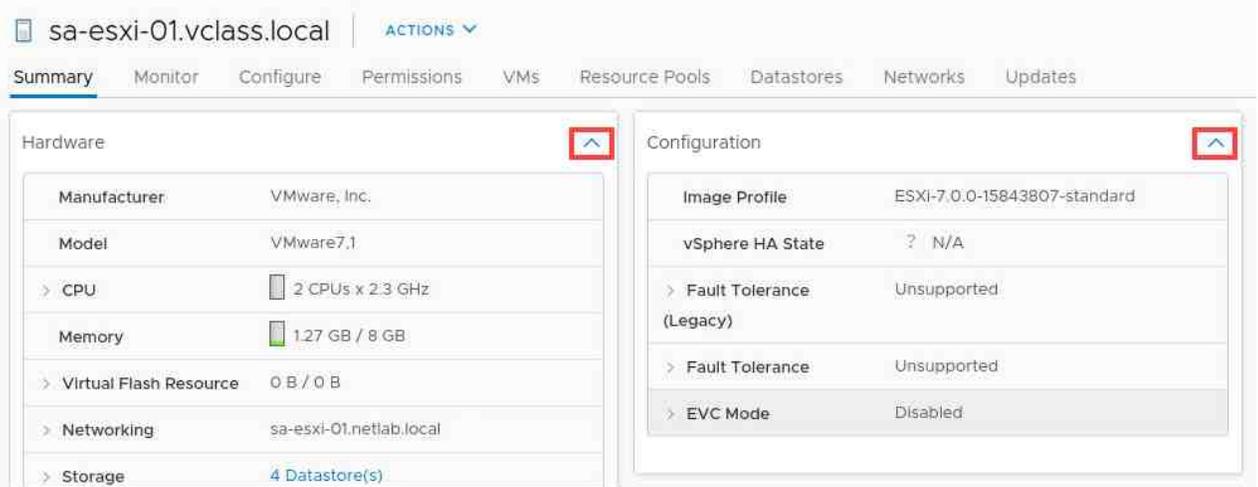
- Select sa-esxi-01.vclass.local from the navigator pane, followed by clicking on the Summary tab.



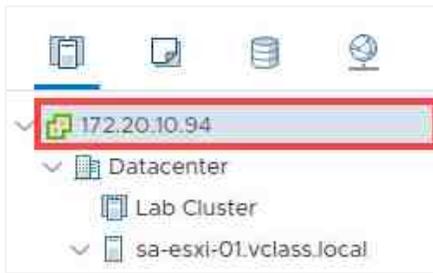
- Notice while on the Summary tab for the selected host that live performance data is shown near the top-right corner.



12. Expand the Hardware and Configuration panes to view the host's information regarding the CPU, Memory, Network, Storage, and Image Profile.



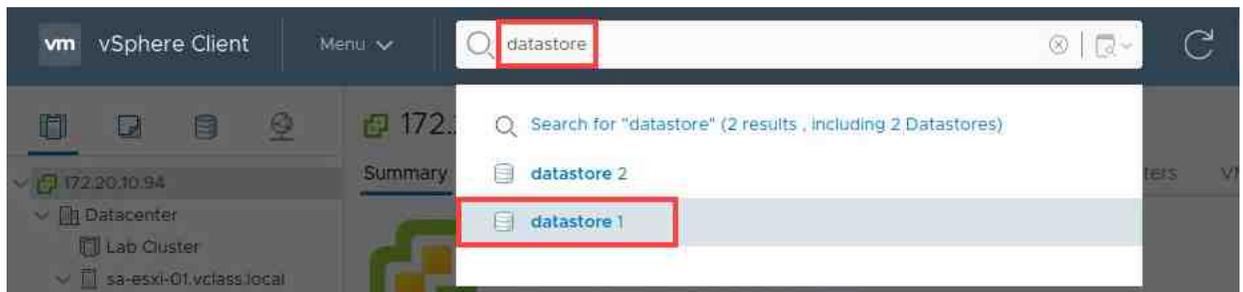
13. In the navigator pane, click on 172.20.10.94 to return to the top of the navigation tree.



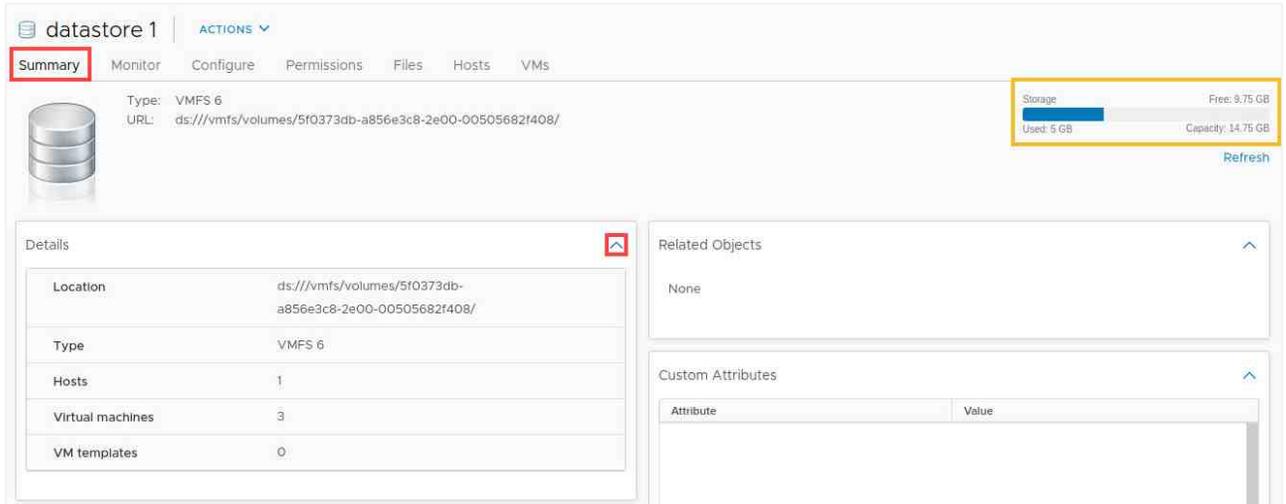
Please Note

For this lab, you will notice that the IP address of VCSA is being utilized in the navigator pane within the vSphere Client. When you log on to VCSA via Firefox, you will use the FQDN of sa-vcsa.vclass.local.

14. Click in the Search in all environments text box located at the top of the page and type datastore. From the search results, click datastore 1.



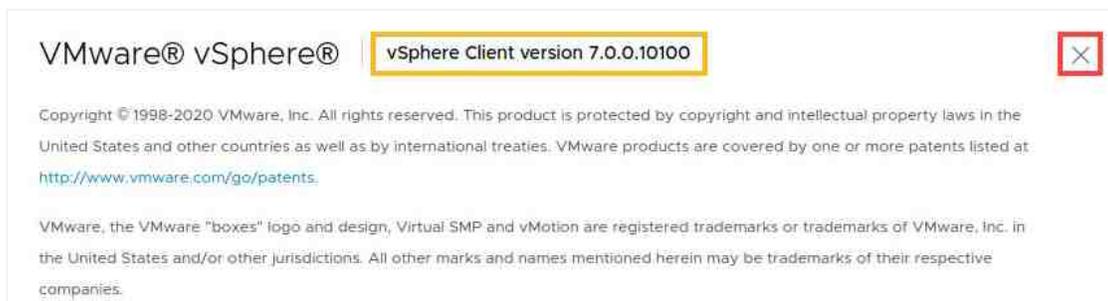
- In the main workspace, view the Summary tab for datastore 1. Notice, in the top-right corner, how much storage space is available for live performance data. Review the datastore details in the Details pane.



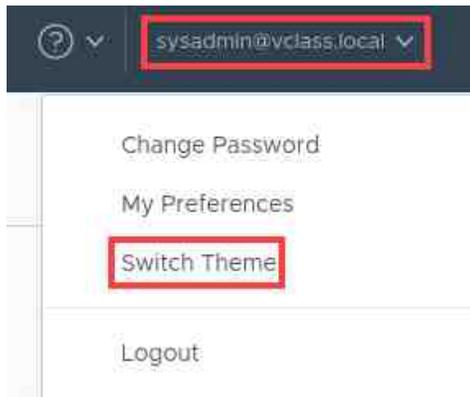
- To identify the vSphere Client version, click on the Help button located at the top of the page and click About VMware vSphere.



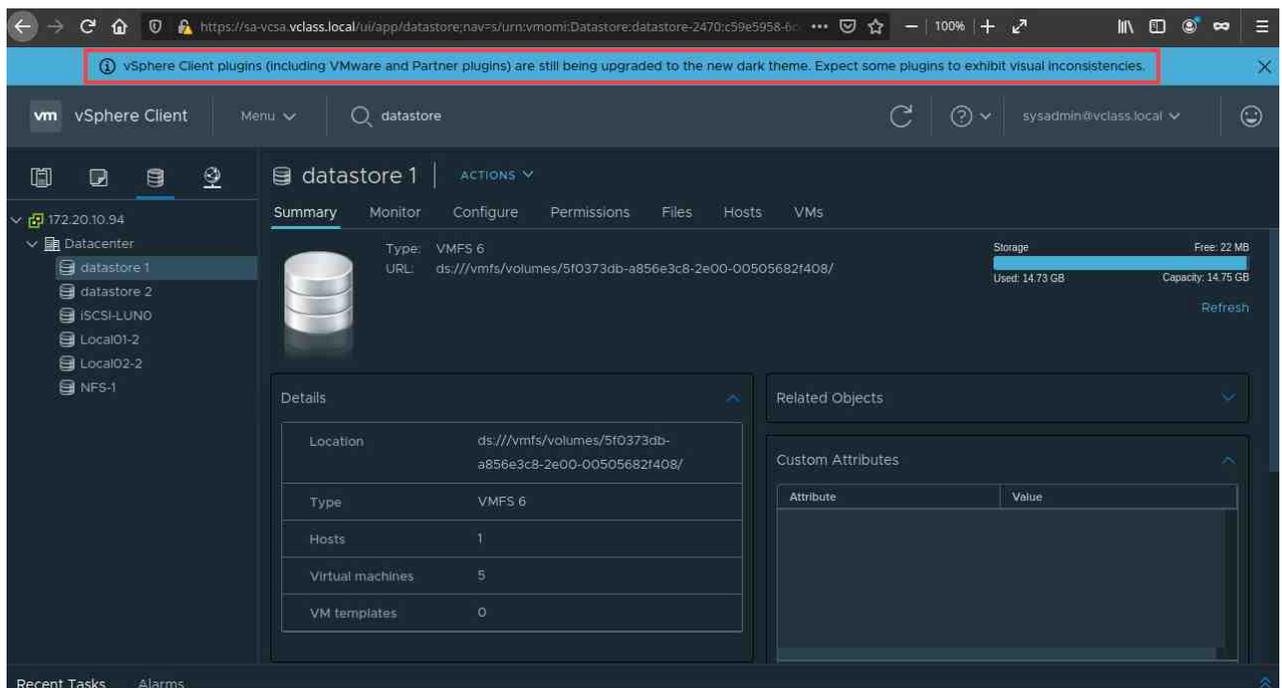
- In the new pop-up window, notice the version of the vSphere Client. Click X to close the window.



18. To change the theme for the vSphere Client UI, click on the username, sysadmin@vclass.local, located at the top of the page and click on Switch Theme.



19. Notice the theme colors changed to a dark mode. Leave Mozilla Firefox open and continue to the next task.



Please Note

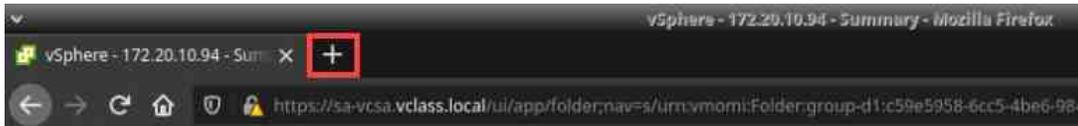
Observe the note that is shown when switching to dark mode. vSphere Client plugins (including VMware and Partner plugins) are still being upgraded to the new dark theme. Expect some plugins to exhibit visual inconsistencies.

Depending on the plugin you are utilizing within your environment, you may experience visual errors. To fix the visual errors, you may need to switch back to the default theme.

2 Log In to an ESXi host via the VMware Host Client

In this task, you will log in to the sa-esxi-01 host and view the UI layout while using the vSphere Host Client.

1. Launch a new tab in Mozilla Firefox.



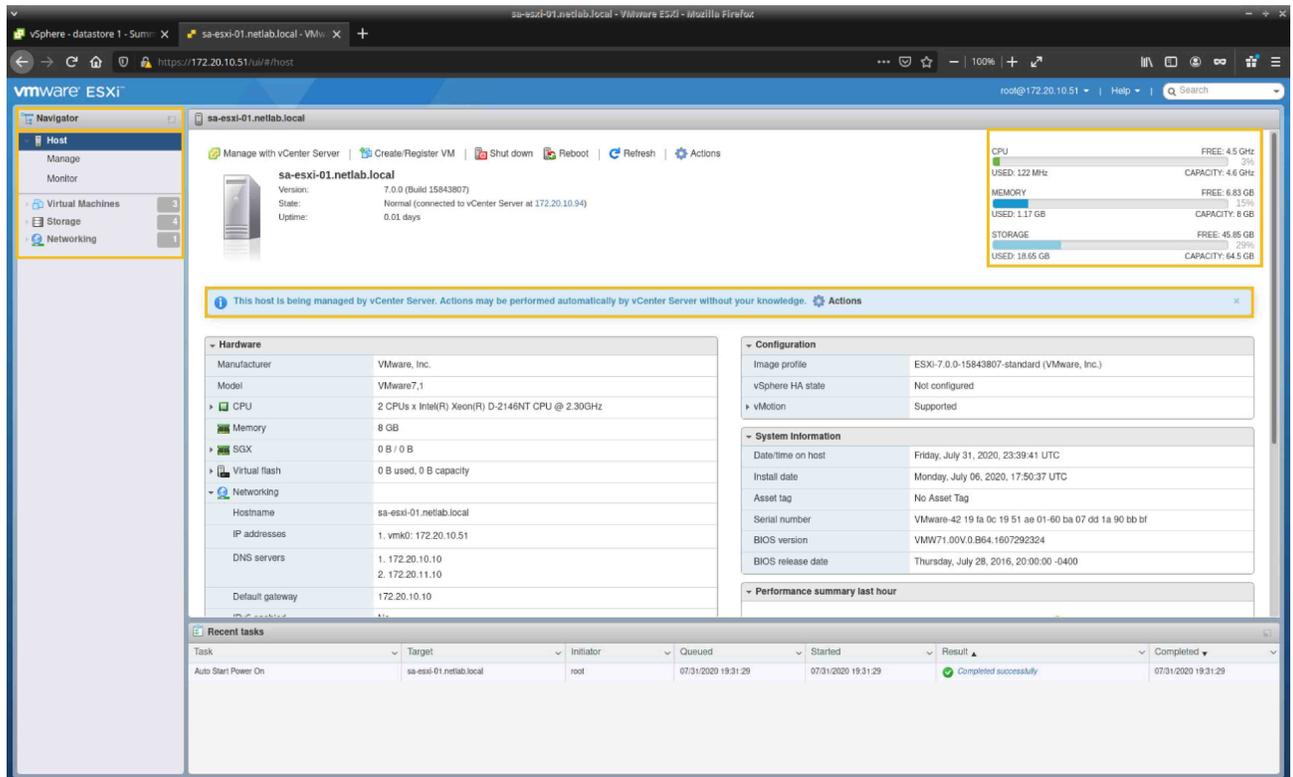
2. On the new tab in the Mozilla Firefox web browser, you will access sa-esxi-01 in the address bar, type `https://172.20.10.51` and click Enter.



3. In the Username field, type `root` and in the Password text field, type `Train1ng$`. Click on Log in.



- The VMware Host Client opens directly with the host selected. You will also notice that there is a Navigator pane available for you to view specific information about the host. The CPU, Memory, and Storage information is available as it was in vCenter Server. Lastly, notice the message stating, "This host is being managed by vCenter Server. Actions may be performed automatically by vCenter Server without your knowledge". This message is advising that the host is active on vCenter Server and there may be automated actions being performed outside of the VMware Host Client view.



Please Note You will install, configure, and manage an ESXi host in a later lab.

- The lab is now complete; you may end your reservation.