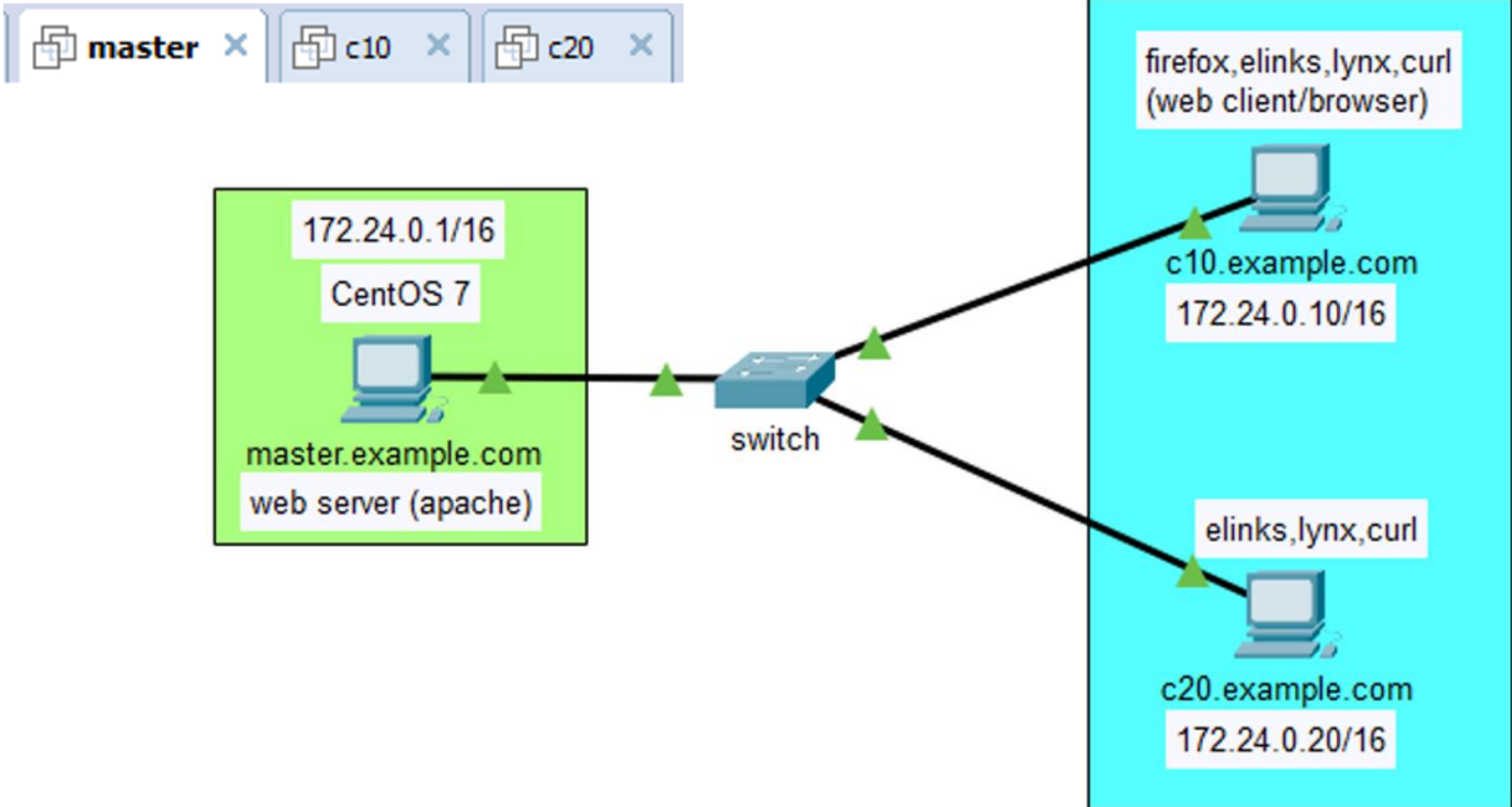


Apache Web Server Lab Setup

(Open/Import VMs)

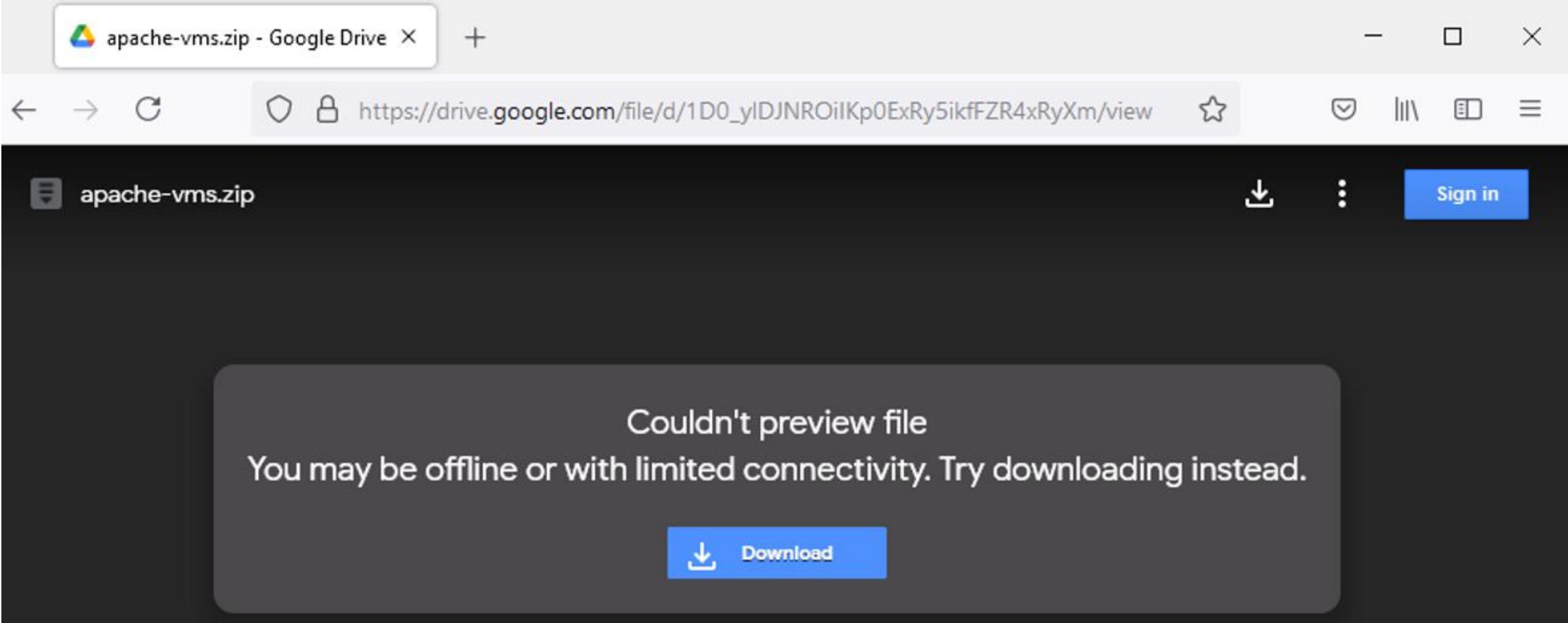
VM Settings



Download VMs Zip File

https://drive.google.com/file/d/1D0_ylDJNROiIKp0ExRy5ikfFZR4xRyXm/view?usp=sharing

Download “apache-vms.zip” File From Google Drive



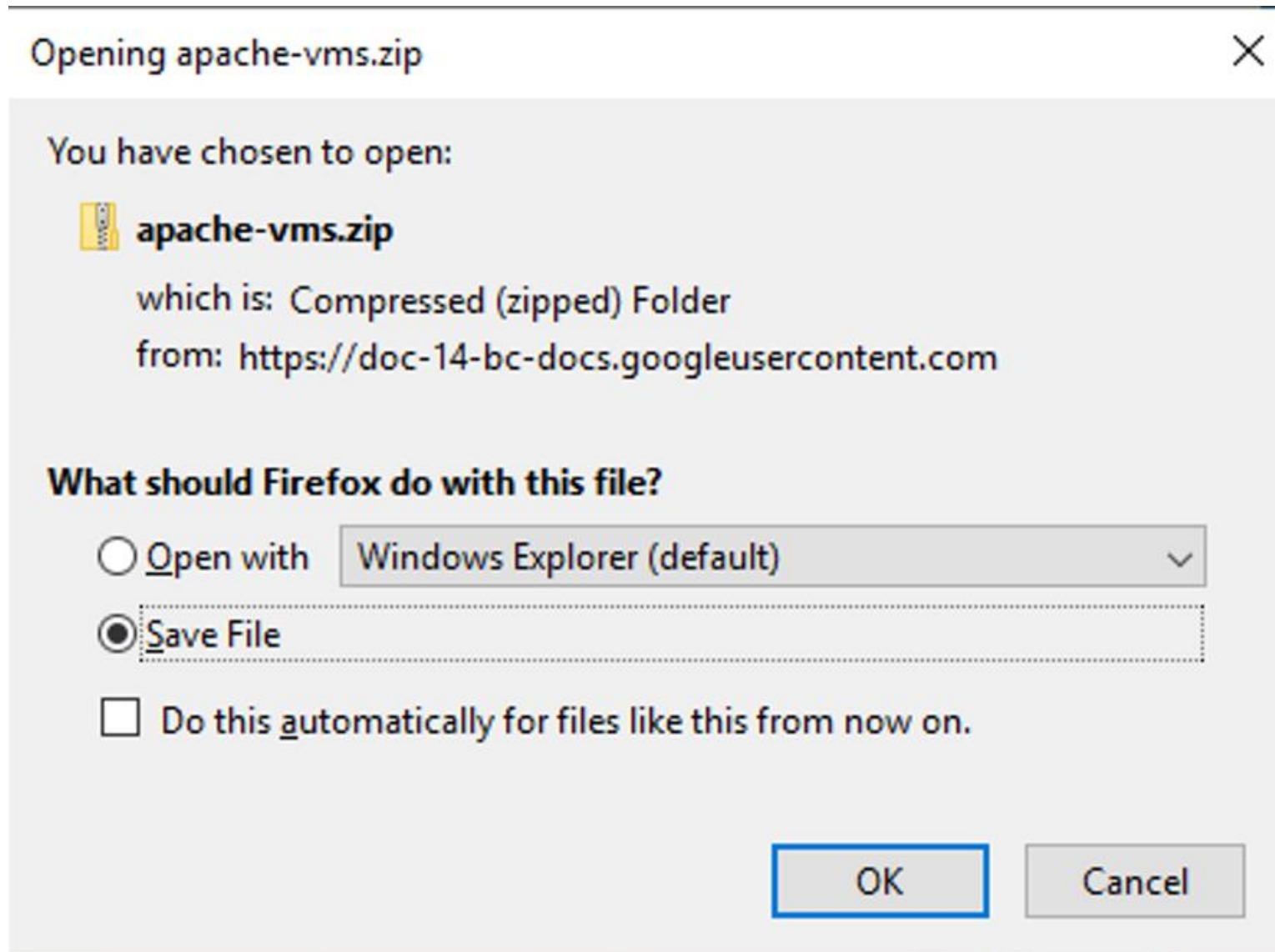
Download “apache-vms.zip” File From Google Drive

Google Drive can't scan this file for viruses.

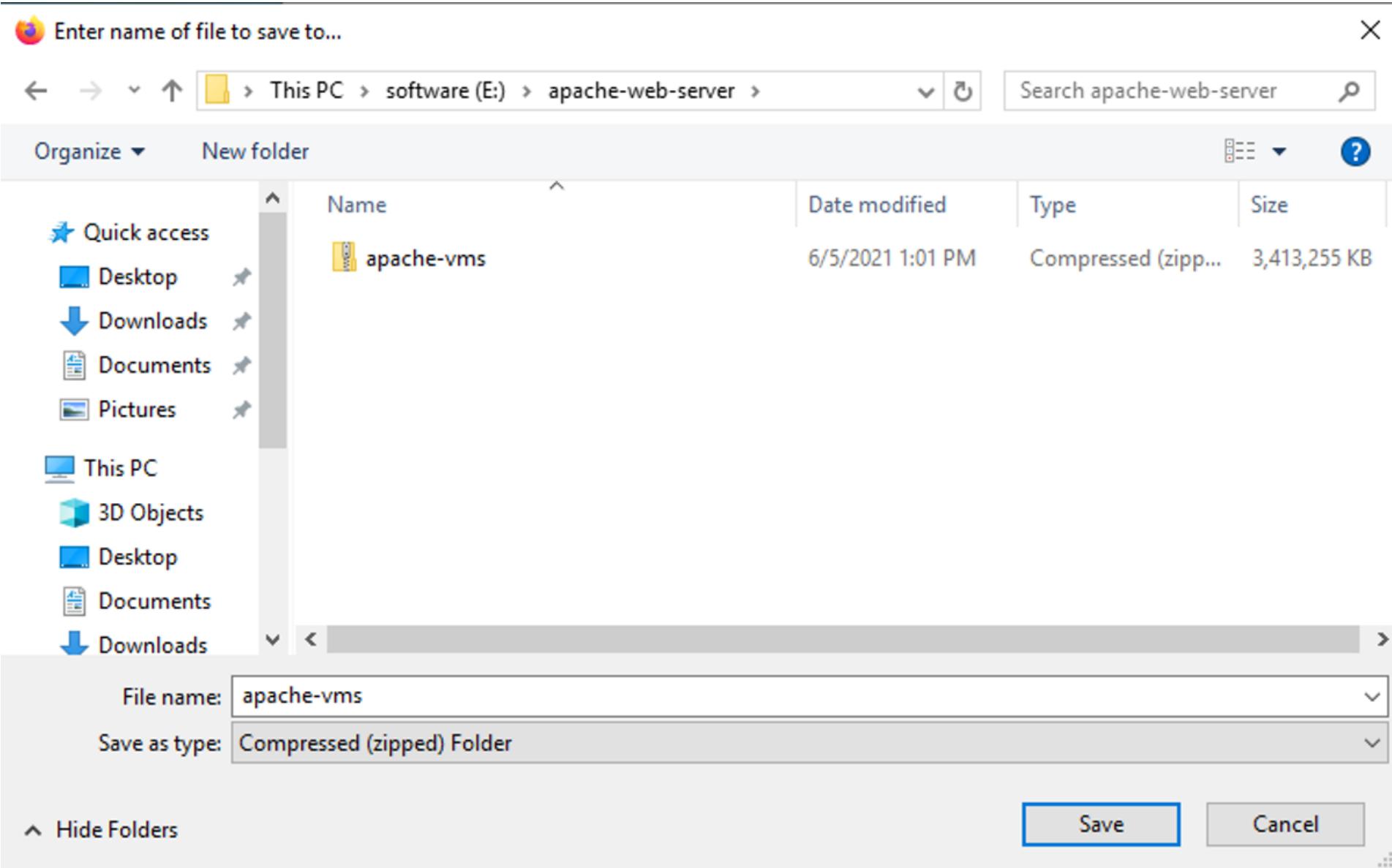
apache-vms.zip (3.3G) is too large for Google to scan for viruses. Would you still like to download this file?

[Download anyway](#)

Download “apache-vms.zip” File From Google Drive






Download "apache-vms.zip" File From Google Drive



Extract "apache-vms.zip"

This PC > software (E:) > apache-web-server >

Name	Date modified	Type	Size
 apache-vms	C/E (2021-1-01 PM)	Compressed (zipp...	3,413,255 KB

- Open
- Open in new window
- Extract All...
- 7-Zip >
- CRC SHA >
- Pin to Start
-  Scan with Windows Defender...
-  Share
- Open with >
- Restore previous versions
- Send to >
- Cut
- Copy
- Create shortcut

- Open archive
- Open archive
- Extract files...
- Extract Here
- Extract to "apache-vms\"
- Test archive
- Add to archive...
- Compress and email...
- Add to "apache-vms.7z"
- Compress to "apache-vms.7z" and email
- Compress to "apache-vms.zip" and email

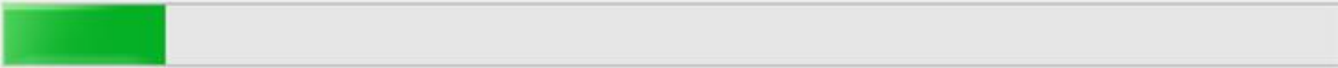
Extract “apache-vms.zip”

Name	Date modified	Type	Size
apache-vms	6/5/2021 12:57 PM	File folder	
apache-vms	6/5/2021 1:01 PM	Compressed (zipp...	3,413,255 KB

12% Extracting E:\apache-web-server\apache-vms.zip

Elapsed time:	00:00:12	Total size:	3438 M
Remaining time:	00:01:22	Speed:	36 MB/s
Files:	0	Processed:	437 M
Compression ratio:	99%	Compressed size:	433 M

Extracting
apache-vms\c10\
c10-disk1.vmdk






Background Pause Cancel

View Extracted Files

This PC > software (E:) > apache-web-server > apache-vms >

Name	Date modified	Type
 c10	6/4/2021 10:27 AM	File folder
 c20	6/4/2021 10:31 AM	File folder
 master	6/4/2021 10:34 AM	File folder


This PC > software (E:) > apache-web-server > apache-vms > master

Name	Date modified	Type	Size
 master.mf	6/4/2021 10:34 AM	MF File	1 KB
 master	6/4/2021 10:34 AM	Open Virtualization Format	7 KB
 master-disk1	6/4/2021 10:34 AM	Virtual Machine Disk Format	1,180,778 KB


Open VMs Using VMWare Player


All Apps Documents Web More ▾ 🔍

Best match

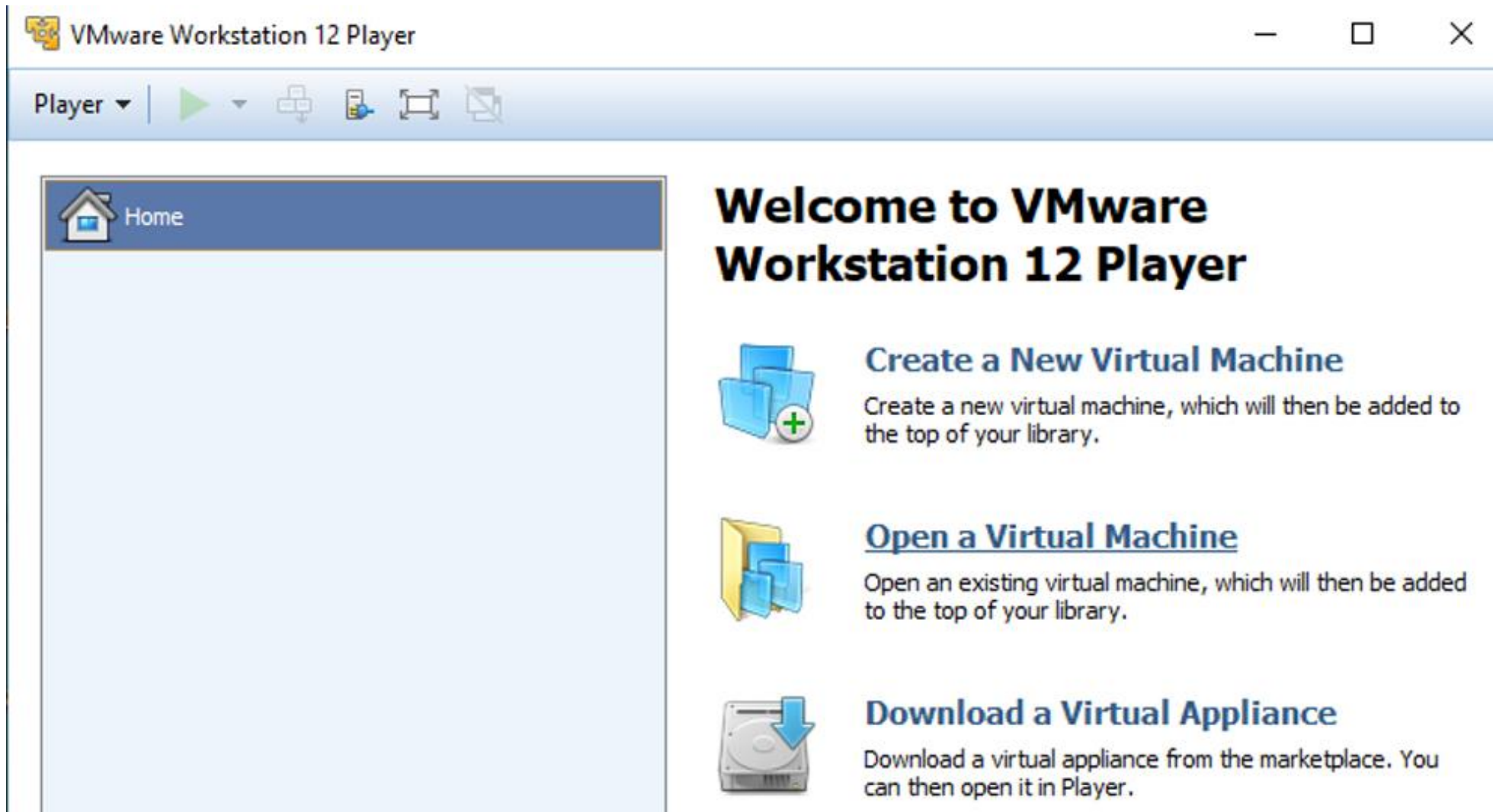
 VMware Workstation 12 Player
App

Search the web

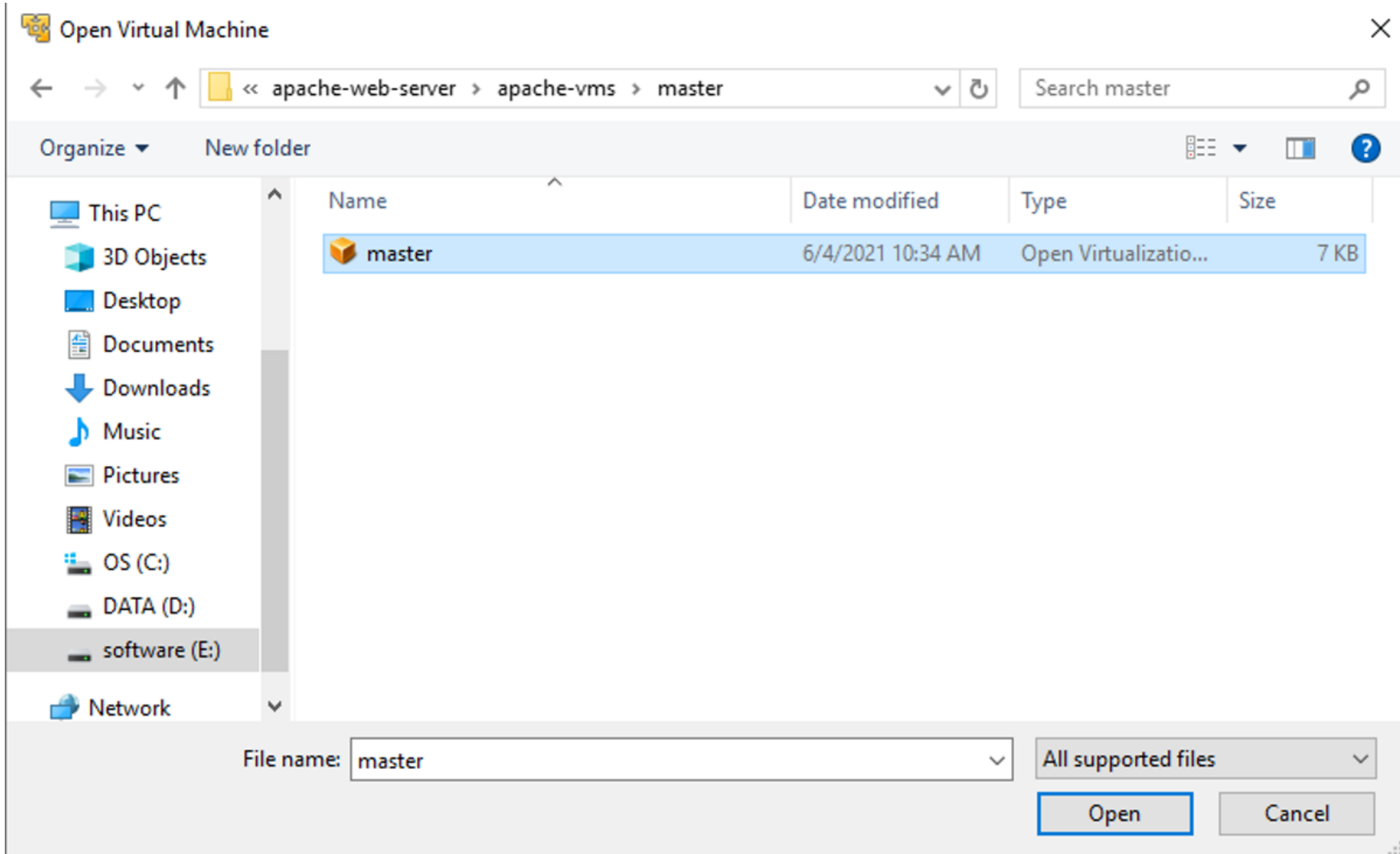
 vmplayer - See web results >


VMware Workstation 12 Player
App

Open Master VM



Open Master VM



Open Master VM

Import Virtual Machine



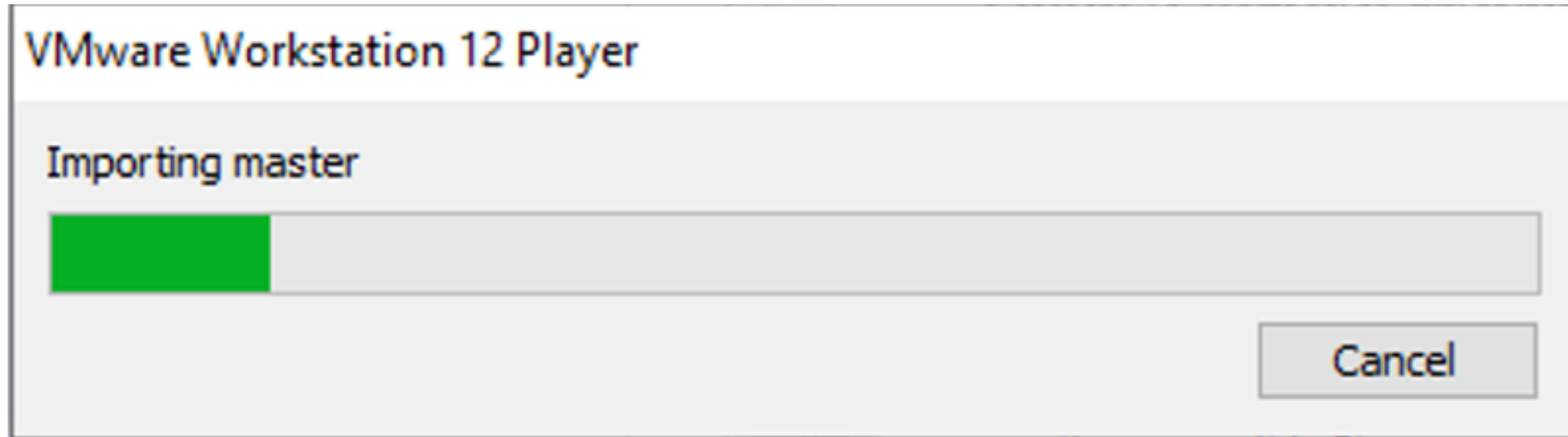
Store the new Virtual Machine

Provide a name and local storage path for the new virtual machine.

Name for the new virtual machine:

Storage path for the new virtual machine:

Open Master VM



Open Master VM

 VMware Workstation 12 Player

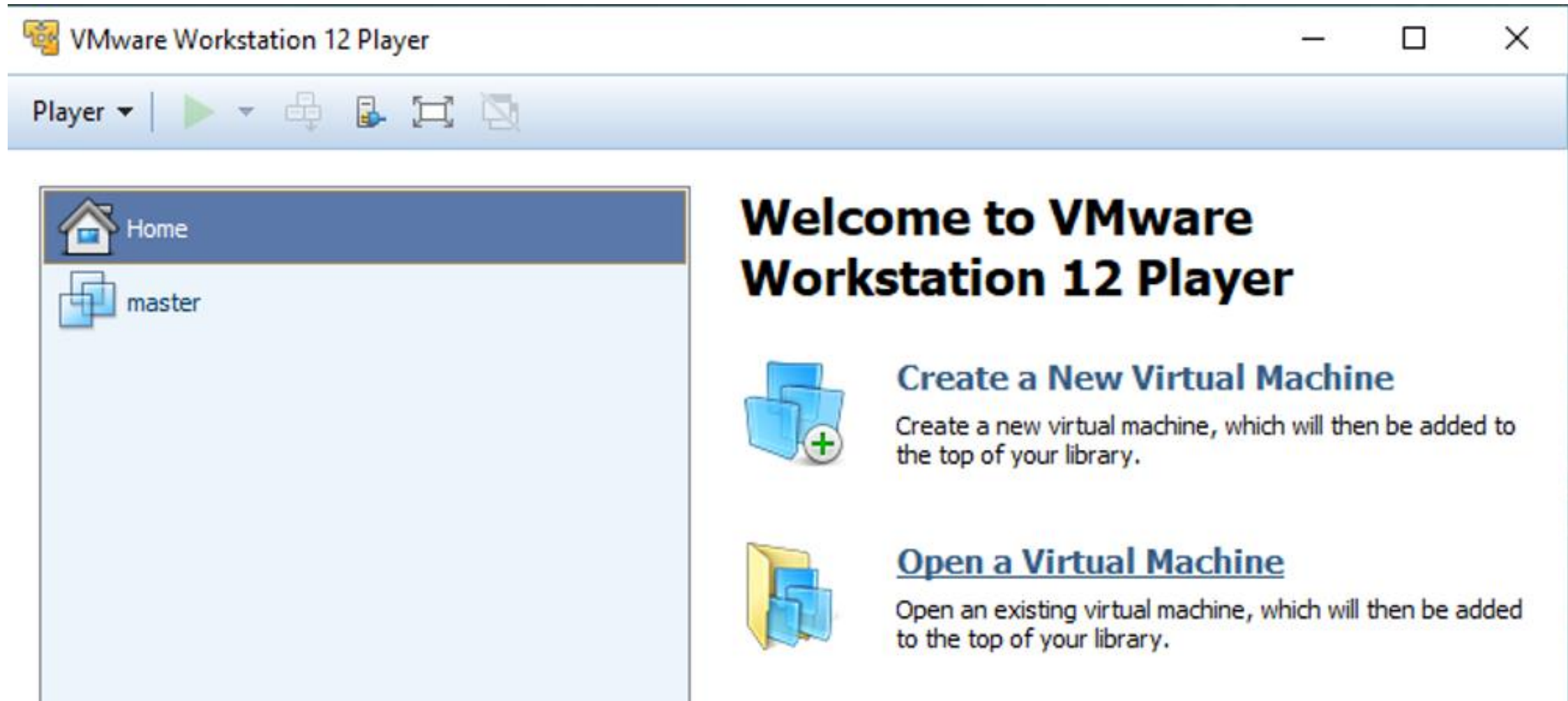


Home



master

Open C10 VM



The screenshot shows the VMware Workstation 12 Player interface. The title bar reads "VMware Workstation 12 Player" with standard window controls. Below the title bar is a toolbar with icons for "Player", play/pause, power, refresh, and other functions. On the left is a library pane with a "Home" section and a "master" folder. The main area displays a "Welcome to VMware Workstation 12 Player" message with two primary actions:

- Create a New Virtual Machine**: Create a new virtual machine, which will then be added to the top of your library.
- Open a Virtual Machine**: Open an existing virtual machine, which will then be added to the top of your library.

Open C10 VM

Open Virtual Machine

software (E:) > apache-web-server > apache-vms > c10

Search c10

Organize New folder

Name	Date modified	Type	Size
c10	6/4/2021 10:27 AM	Open Virtualizatio...	7 KB

File name: c10

All supported files

Open Cancel

Open C10 VM

Import Virtual Machine ✕

Store the new Virtual Machine
Provide a name and local storage path for the new virtual machine.

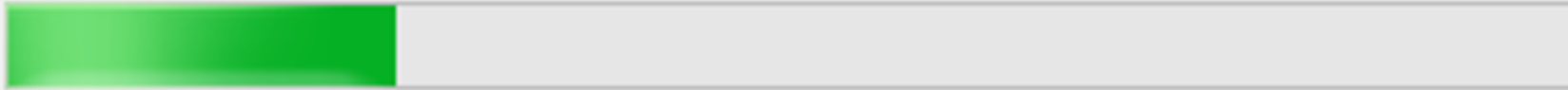
Name for the new virtual machine:

Storage path for the new virtual machine:

Open C10 VM


VMware Workstation 12 Player

Importing c10



Cancel

Open C10 VM



The screenshot shows the VMware Workstation 12 Player interface. The title bar reads "VMware Workstation 12 Player" with standard window controls. Below the title bar is a toolbar with icons for "Player", play, power, refresh, and other functions. On the left is a library pane with a "Home" header and two virtual machines listed: "c10" and "master". The main area displays a "Welcome to VMware Workstation 12 Player" message with two options: "Create a New Virtual Machine" and "Open a Virtual Machine". The "Open a Virtual Machine" option is highlighted with a blue border and a yellow folder icon.

VMware Workstation 12 Player

Player ▾ | ▶ ▾ | [Refresh] [Power] [Refresh] [Fullscreen] [Close]

Home

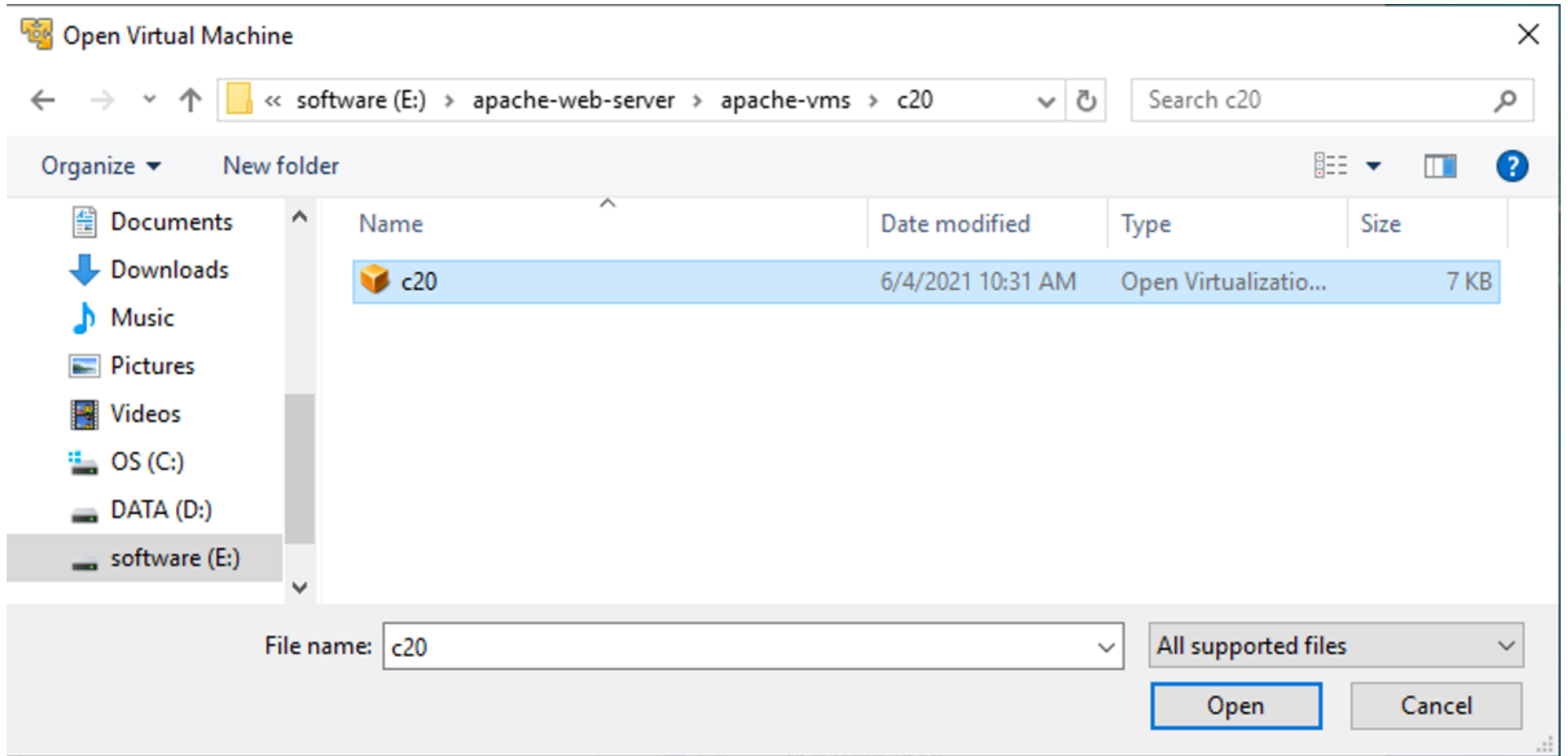
- c10
- master

Welcome to VMware Workstation 12 Player

Create a New Virtual Machine
Create a new virtual machine, which will then be added to the top of your library.

Open a Virtual Machine
Open an existing virtual machine, which will then be added to the top of your library.

Open C20 VM



Open C20 VM

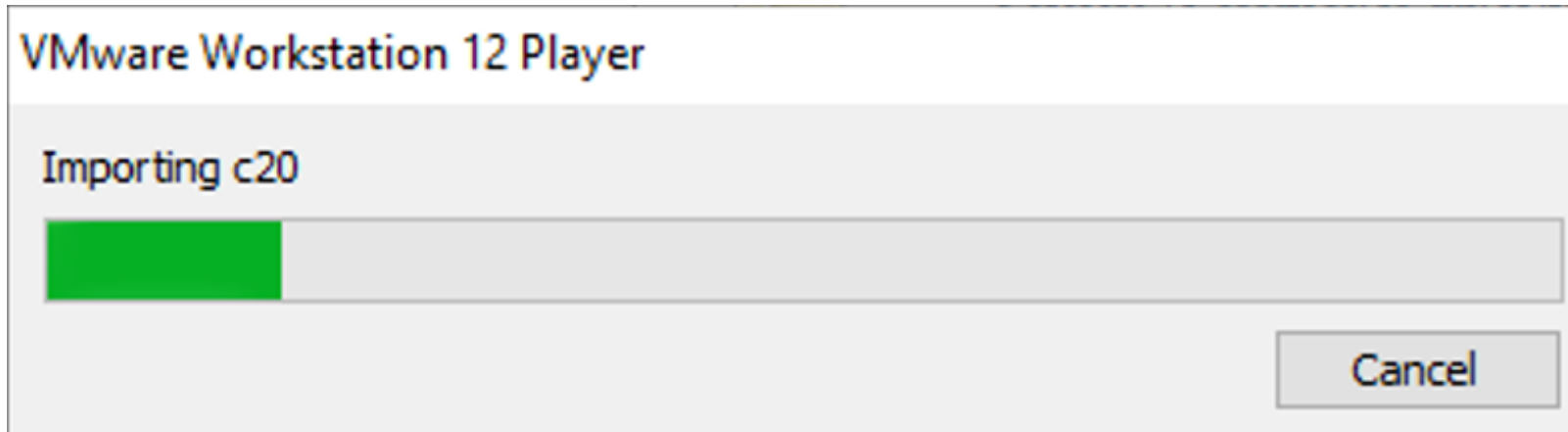
Import Virtual Machine ✕

Store the new Virtual Machine
Provide a name and local storage path for the new virtual machine.


Name for the new virtual machine:

Storage path for the new virtual machine:

Open C20 VM



Open C20 VM

 VMware Workstation 12 Player

Player ▾



Power on



Home



c20

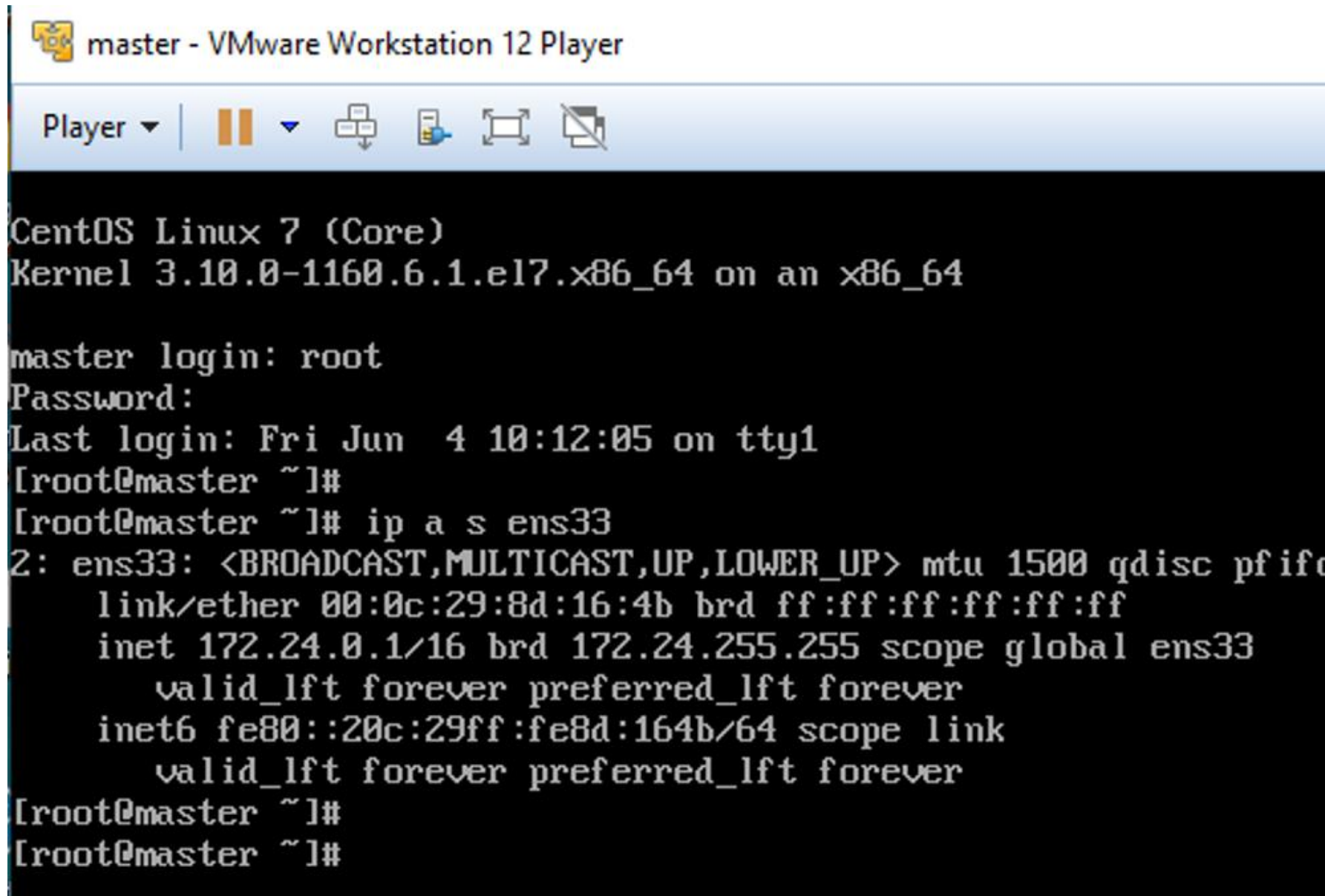


c10



master

Start Master VM



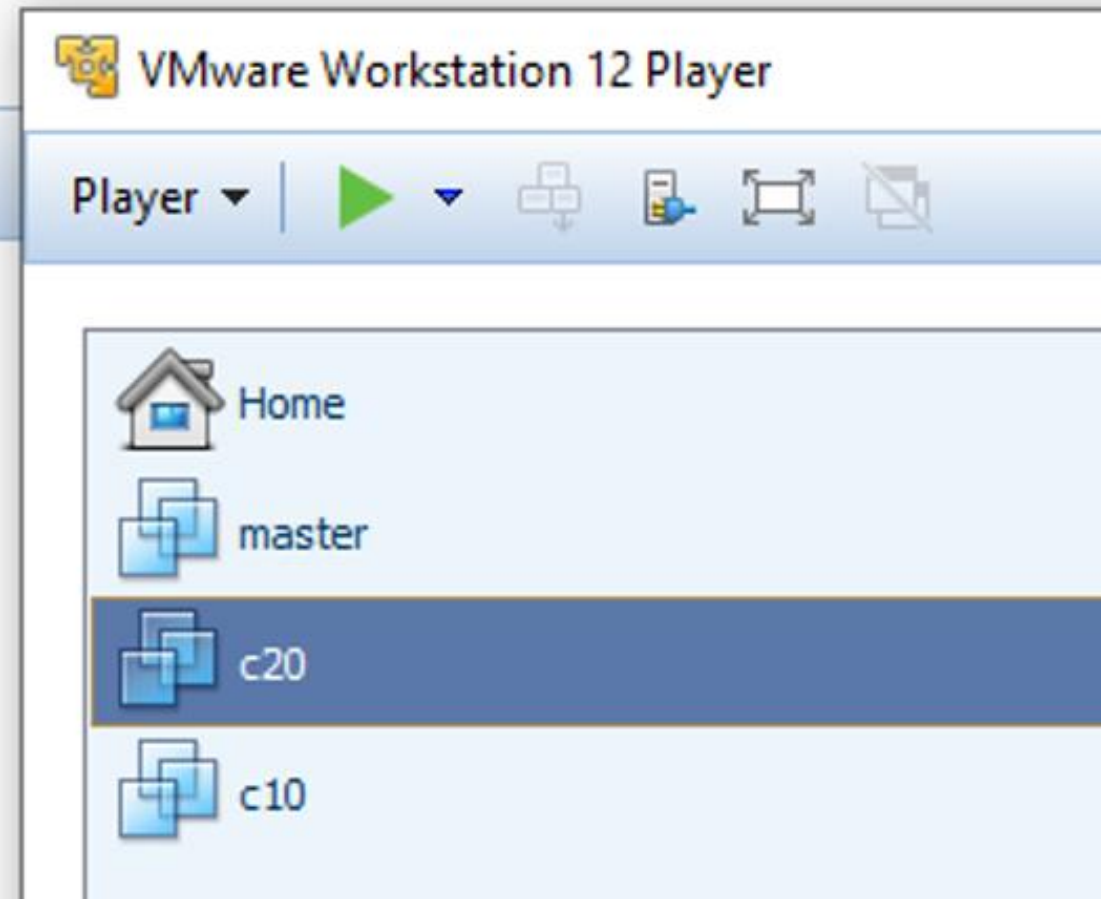
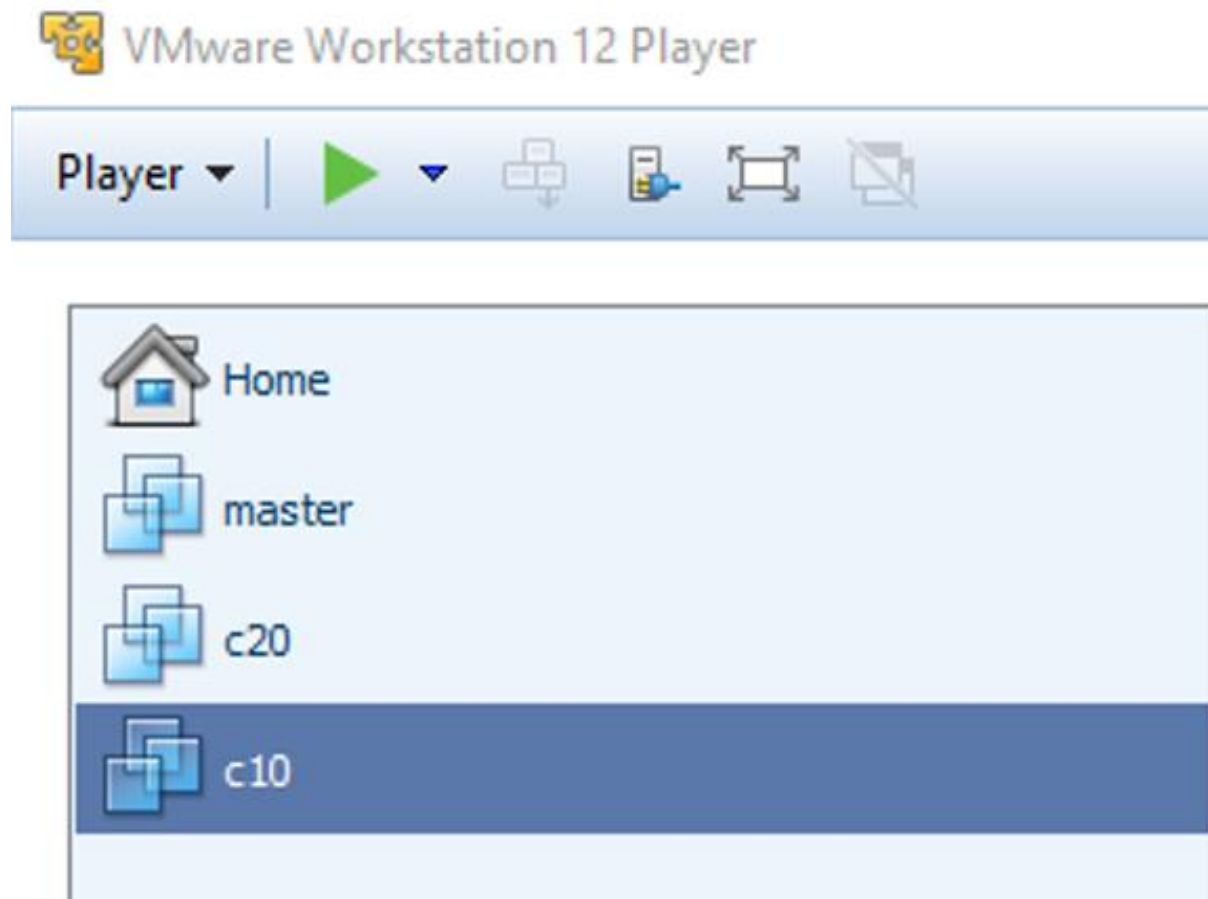
The screenshot shows a VMware Workstation 12 Player window titled "master - VMware Workstation 12 Player". The window contains a terminal window for a CentOS Linux 7 (Core) VM. The terminal output shows the login process for the root user, followed by the execution of the command "ip a s ens33" to display network interface details for ens33. The output shows the interface is up and has an IP address of 172.24.0.1.

```
CentOS Linux 7 (Core)
Kernel 3.10.0-1160.6.1.el7.x86_64 on an x86_64

master login: root
Password:
Last login: Fri Jun  4 10:12:05 on tty1
[root@master ~]#
[root@master ~]# ip a s ens33
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo
    link/ether 00:0c:29:8d:16:4b brd ff:ff:ff:ff:ff:ff
    inet 172.24.0.1/16 brd 172.24.255.255 scope global ens33
        valid_lft forever preferred_lft forever
    inet6 fe80::20c:29ff:fe8d:164b/64 scope link
        valid_lft forever preferred_lft forever
[root@master ~]#
[root@master ~]#
```

user: root
password: 123456

Start C10, C20 VMs



Start C10, C20 VMs

```
c10 - VMware Workstation 12 Player
Player | [Pause] [Print] [Screenshot] [Fullscreen] [Close]

CentOS Linux 7 (Core)
Kernel 3.10.0-1160.6.1.el7.x86_64 on an x86_64

c10 login: root
Password:
Last login: Fri Jun  4 10:12:16 on tty1
[root@c10 ~]#
[root@c10 ~]# ip a s ens33
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500
    link/ether 00:0c:29:ab:18:25 brd ff:ff:ff:ff:ff:ff
    inet 172.24.0.10/16 brd 172.24.255.255 scope global
        valid_lft forever preferred_lft forever
    inet6 fe80::20c:29ff:feab:1825/64 scope link
        valid_lft forever preferred_lft forever
[root@c10 ~]#
[root@c10 ~]# ping -c2 172.24.0.1
PING 172.24.0.1 (172.24.0.1) 56(84) bytes of data:
64 bytes from 172.24.0.1: icmp_seq=1 ttl=64 time=0.410 ms
64 bytes from 172.24.0.1: icmp_seq=2 ttl=64 time=0.500 ms

c20 - VMware Workstation 12 Player
Player | [Pause] [Print] [Screenshot] [Fullscreen] [Close]

CentOS Linux 7 (Core)
Kernel 3.10.0-1160.6.1.el7.x86_64 on an x86_64

c20 login: root
Password:
Last login: Fri Jun  4 10:12:27 on tty1
[root@c20 ~]#
[root@c20 ~]# ip a s ens33
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500
    link/ether 00:0c:29:61:c5:10 brd ff:ff:ff:ff:ff:ff
    inet 172.24.0.20/16 brd 172.24.255.255 scope global
        valid_lft forever preferred_lft forever
    inet6 fe80::20c:29ff:fe61:c510/64 scope link
        valid_lft forever preferred_lft forever
[root@c20 ~]#
[root@c20 ~]# ping -c2 172.24.0.1
PING 172.24.0.1 (172.24.0.1) 56(84) bytes of data:
64 bytes from 172.24.0.1: icmp_seq=1 ttl=64 time=0.410 ms
64 bytes from 172.24.0.1: icmp_seq=2 ttl=64 time=0.500 ms
```

View Master, C10, C20 VMs

