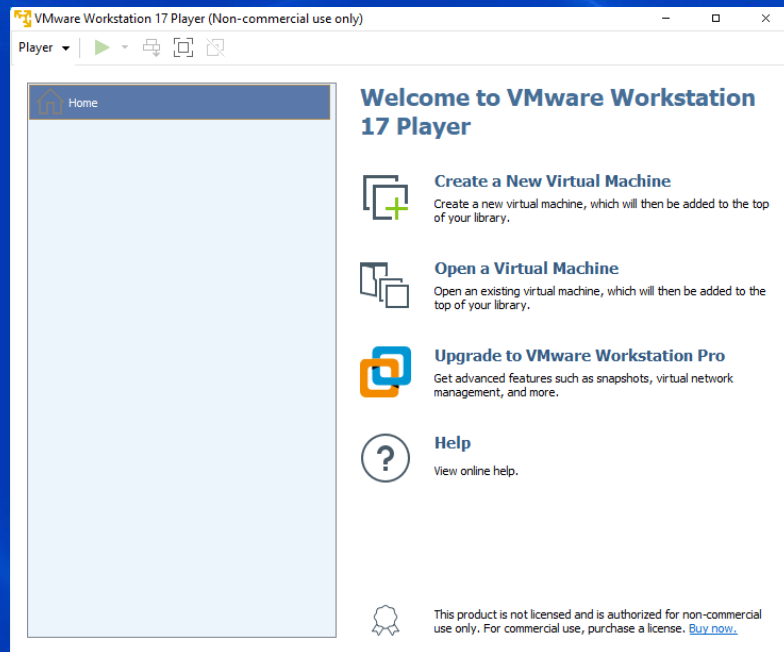


Things to know beforehand:

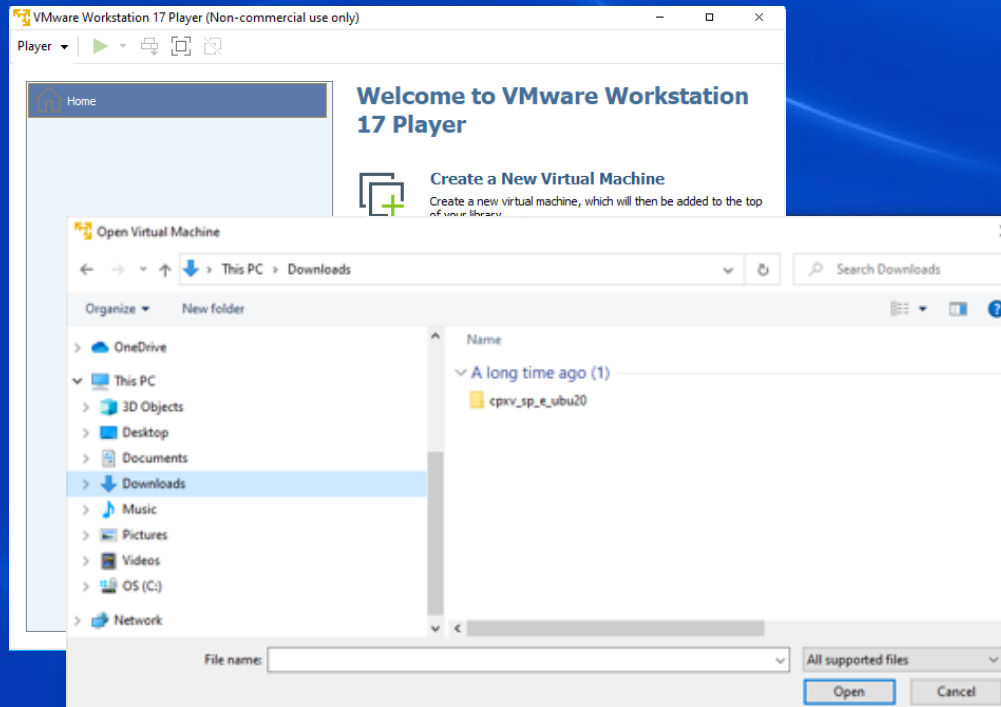
- Prior to extracting the virtual machine image folder, the downloaded folder should have been successfully verified using the CyberPatriot provided verification checksum and WinMD5
- **Do not open** the virtual machine image until you are ready to begin the competition. Opening the image beforehand will result in competition time-loss and you will have to re-extract the image.



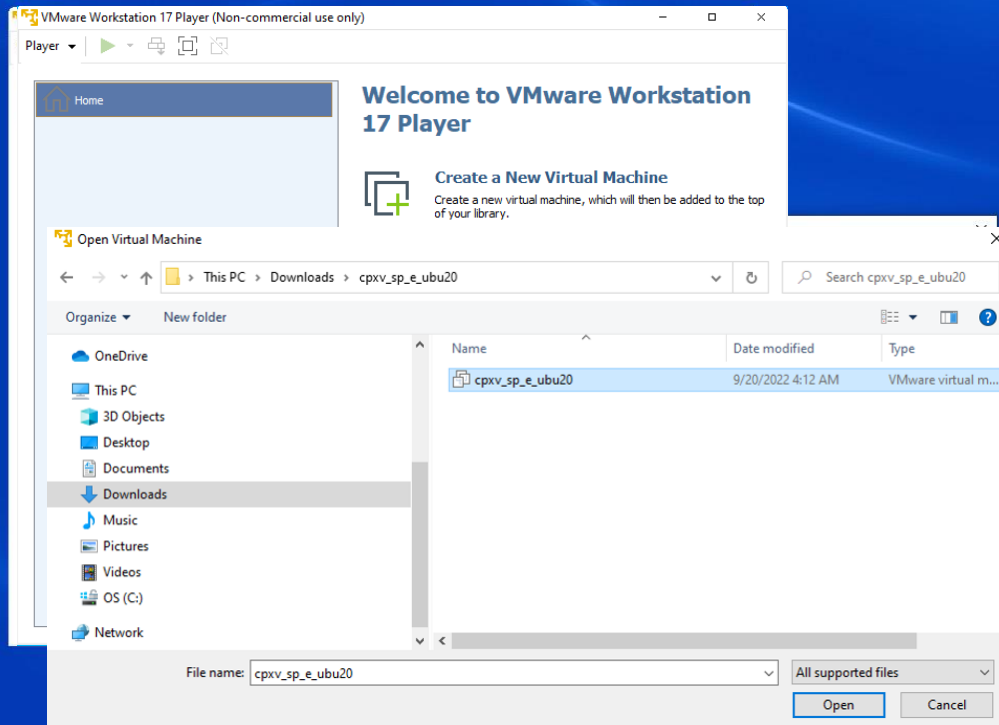
1. To open VMware Workstation Player, click the Start button, find the VMware folder, and then click VMware Workstation 17 Player.



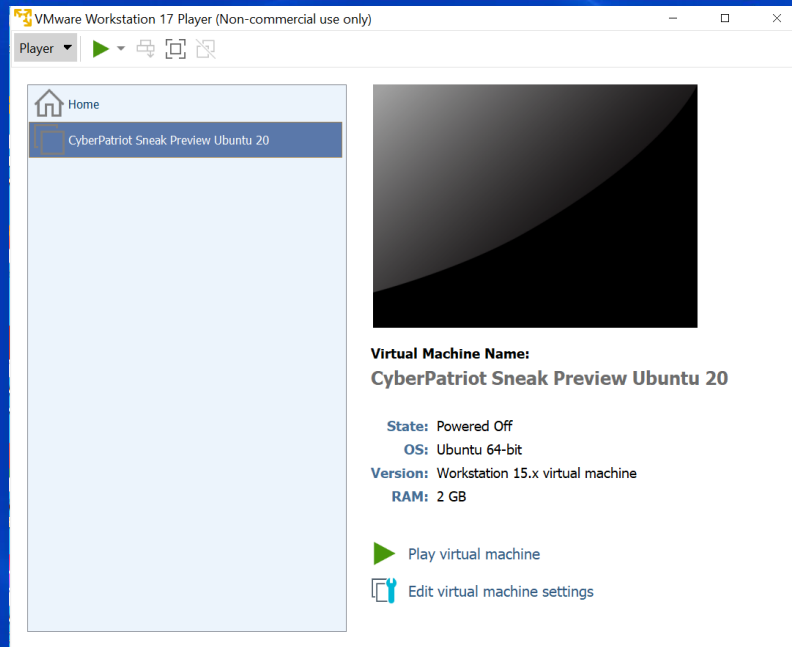
2. In the VMware Workstation Player window, select “Open a Virtual Machine.”



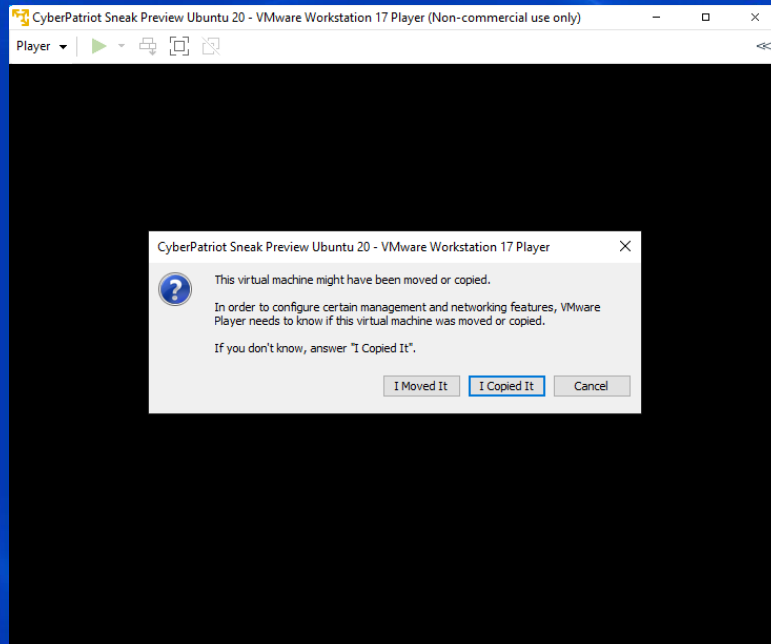
3. Locate the image folder that you unzipped and select Open.



4. Select the VMware virtual machine image file and Select Open.



5. Click “Play virtual machine.”



6. Select “I Copied It” and the virtual machine will open.

Common VMware Workstation Player Errors

- Intel VT-x is disabled
- Image file does not open or crashes
- VMware Player and Device/Credential Guard are not compatible

The following slides denote common errors in opening an image in VMware Workstation Player.



Intel VT-x is disabled: This means that the computer's BIOS settings for Intel VT-x must be enabled. To do this, you will need to boot into the BIOS menu, enable the setting, save and then restart the machine. VMware should now open the image as expected.

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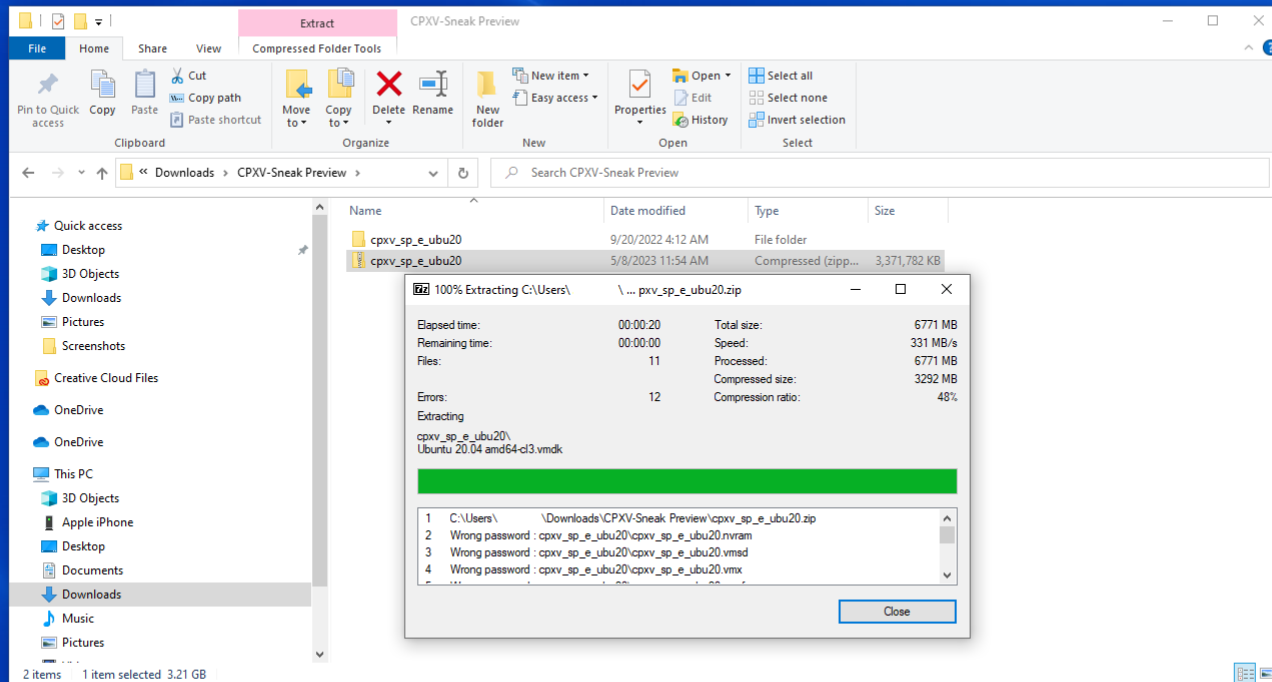
```

* Starting configure network device security          [ OK ]
* Setting up X socket directories...                  [ OK ]
* Stopping System V initialisation compatibility      [ OK ]
* Starting configure virtual network devices          [ OK ]
* Starting System V runlevel compatibility            [ OK ]
* Starting regular background program processing daemon [ OK ]
* Starting anac(h)ronistic cron                      [ OK ]
* Starting save kernel messages                      [ OK ]
* Stopping save kernel messages                      [ OK ]
* Stopping CPU interrupts balancing daemon           [ OK ]
* Starting automatic crash report generation         [ OK ]
* Starting domain name service... bind9              [ OK ]
* speech-dispatcher disabled; edit /etc/default/speech-dispatcher
saned disabled; edit /etc/default/saned
* Restoring resolver state...                         [ OK ]
* Starting CCS Client CCSClient                      [ OK ]
* Starting ACPI daemon                              [ OK ]
* Stopping crash report submission daemon            [ OK ]
* Stopping System V runlevel compatibility           [ OK ]
[  7.943259] sdal: WRITE SAME failed. Manually zeroing.
* Starting HTTP proxy-cache                          [ OK ]
* Stopping OpenSSH server                           [ OK ]
* Stopping Restore Sound Card State                  [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [fail]
* Stopping HTTP proxy-cache                          [ OK ]
* Starting VMWare Tools services                    [ OK ]

```

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File is corrupted: You will need to delete the extracted file and verify the checksum of the image zip file using WinMD5. If the checksum does not match, you will need to delete the zip file, redownload it, and verify the checksum again.



Incorrect extraction password: You will need to delete the extracted file and re-extract the file using 7-Zip and the correct password. The extraction process should take a minute or two.

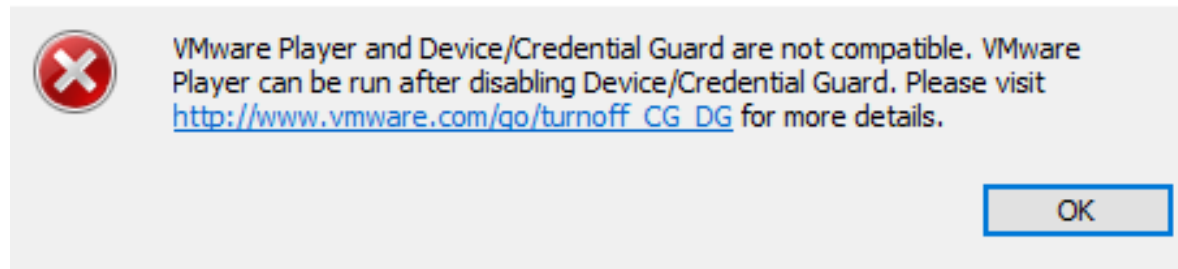
```

* Starting configure network device security           [ OK ]
* Setting up X socket directories...                  [ OK ]
* Stopping System V initialisation compatibility      [ OK ]
* Starting configure virtual network devices          [ OK ]
* Starting System V runlevel compatibility            [ OK ]
* Starting regular background program processing daemon [ OK ]
* Starting anac(h)ronistic cron                       [ OK ]
* Starting save kernel messages                      [ OK ]
* Stopping save kernel messages                      [ OK ]
* Stopping CPU interrupts balancing daemon            [ OK ]
* Starting automatic crash report generation          [ OK ]
* Starting domain name service... bind9               [ OK ]
* speech-dispatcher disabled; edit /etc/default/speech-dispatcher
saned disabled; edit /etc/default/saned
* Restoring resolver state...                         [ OK ]
* Starting CCS Client CCSClient                      [ OK ]
* Starting ACPI daemon                               [ OK ]
* Stopping crash report submission daemon             [ OK ]
* Stopping System V runlevel compatibility            [ OK ]
[ 7.943259] sdal: WRITE SAME failed. Manually zeroing.
* Starting HTTP proxy-cache                          [ OK ]
* Stopping OpenSSH server                           [ OK ]
* Stopping Restore Sound Card State                  [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [ OK ]
* Starting HTTP proxy-cache                          [fail]
* Stopping HTTP proxy-cache                          [ OK ]
* Starting VMWare Tools services                     [ OK ]

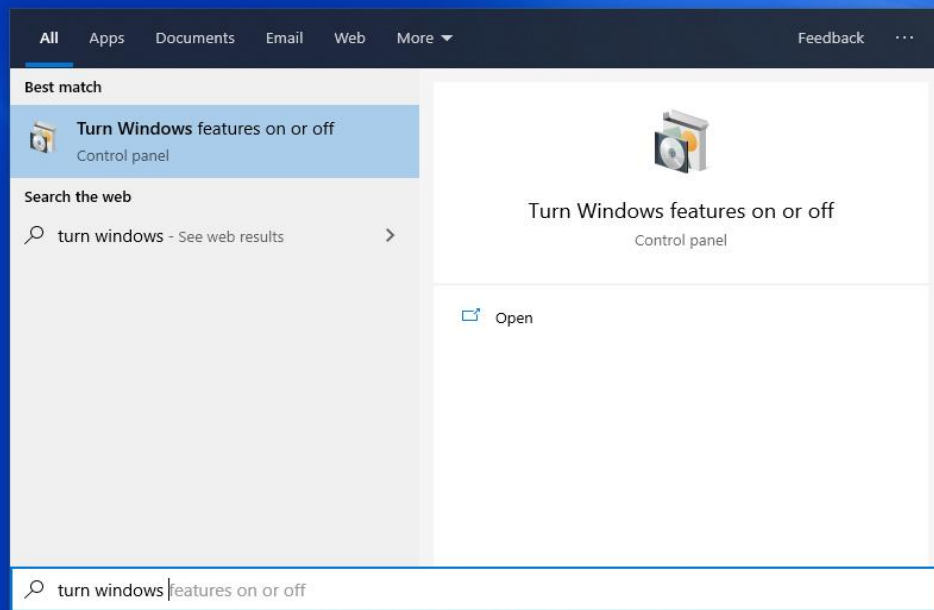
```

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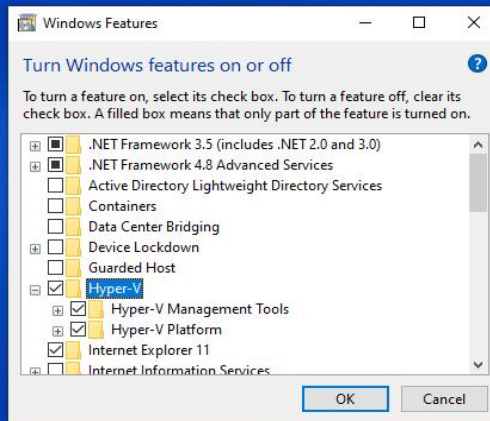
Image has expired: Images can only be opened and used during the round's specified timeframe; they must be deleted at the end of each round. Once opened in VMware Workstation Player, the countdown timer for the image begins and will expire after the round's specified competition length. You will have to delete and re-extract the image.



VMware Player and Device/Credential Guard are not compatible: This error typically occurs when the Hyper-V feature is enabled. Please follow Slides 13-14 to view screenshots of how to disable it.



Click the Start button and type “Turn windows features on or off” and select the control panel option.



Uncheck the box next to Hyper-V, click “OK”, and restart the computer. VMware should now open the image as expected.