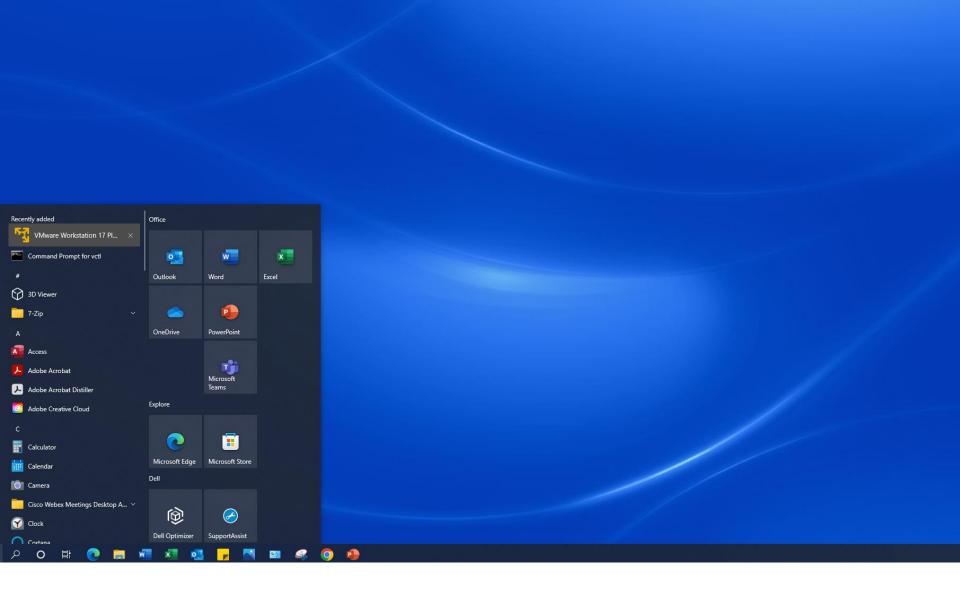
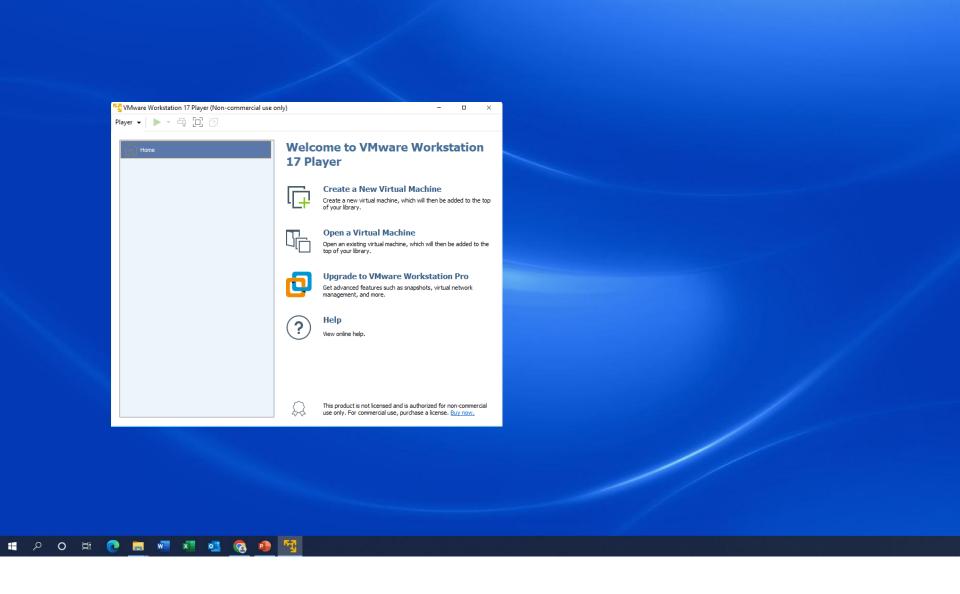
Things to know beforehand:

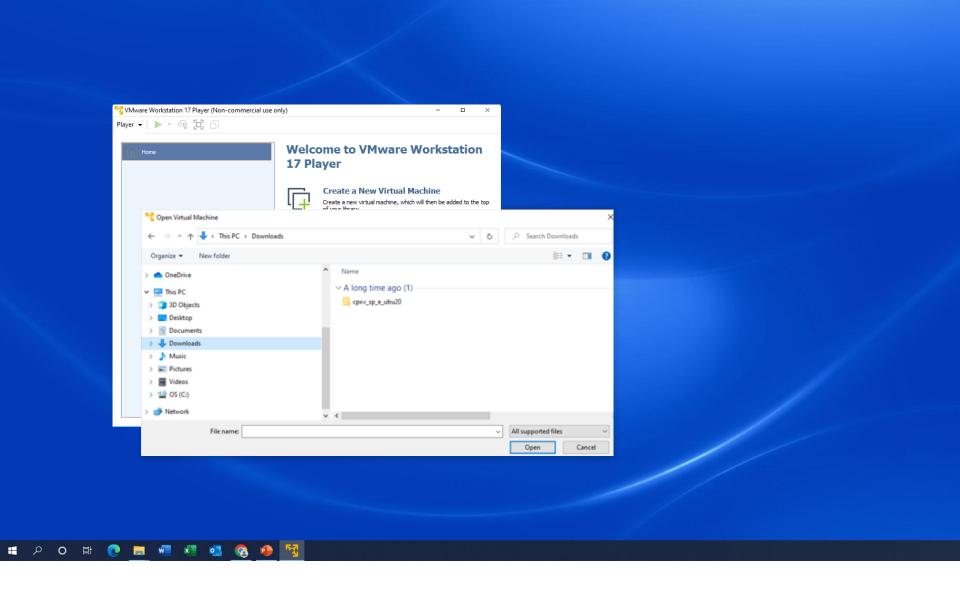
- Prior to extracting the virtual machine image folder, the downloaded folder should have been successfully verified using the CyberPatriot provided verification checksum and WinMD5
- **Do not open** the virtual machine image until you are ready to begin the competition. Opening the image beforehand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



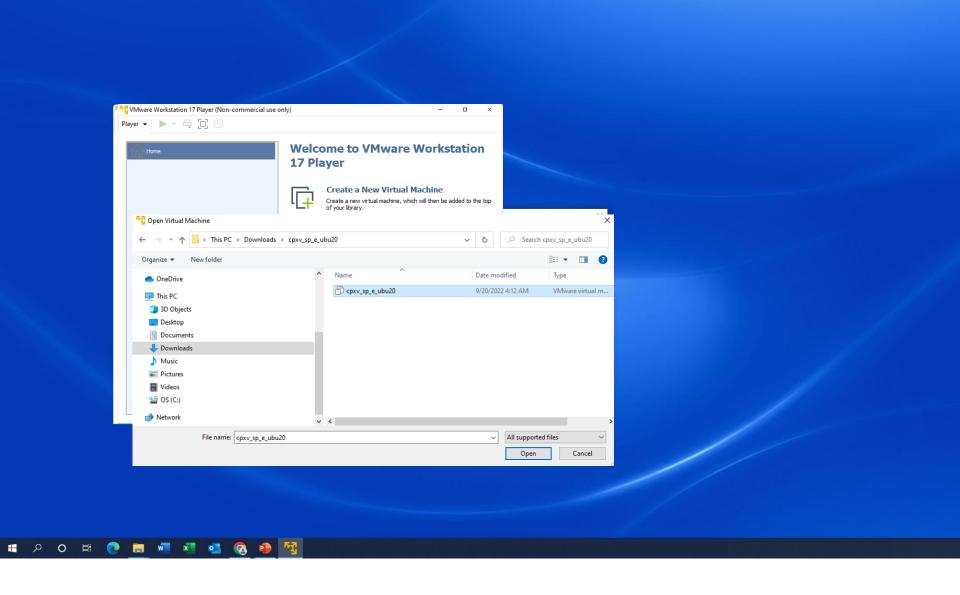
1. To open VMware Workstation Player, click the Start button, find the VMware folder, and then click VMware Workstation 17 Player.



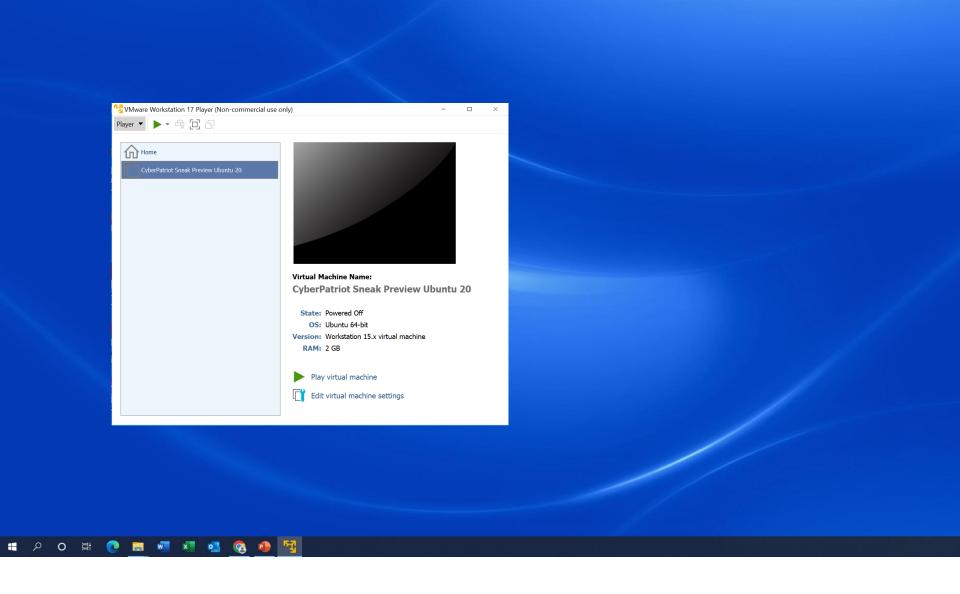
2. In the VMware Workstation Player window, select "Open a Virtual Machine."



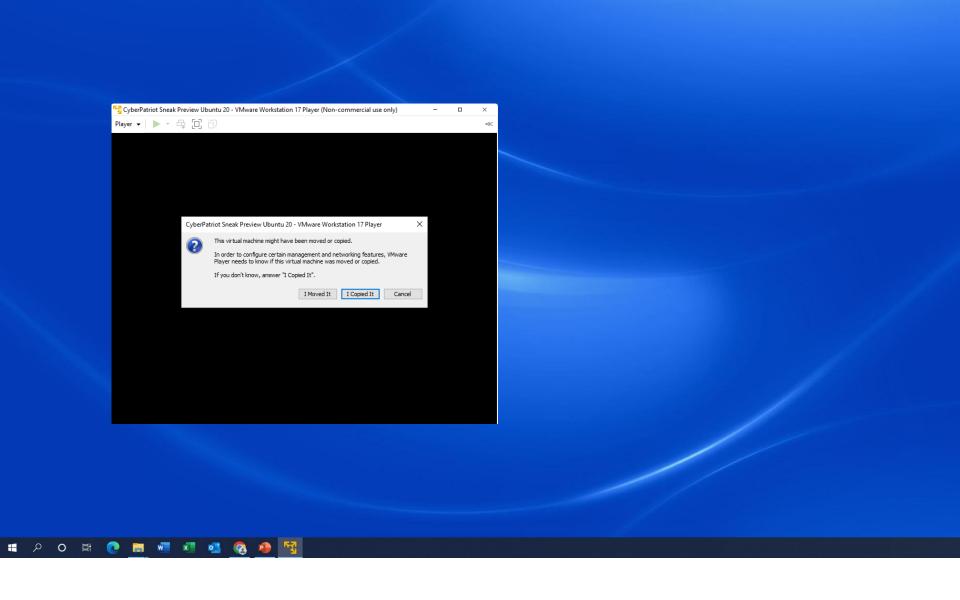
3. Locate the image folder that you unzipped and select Open.



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



5. Click "Play virtual machine."

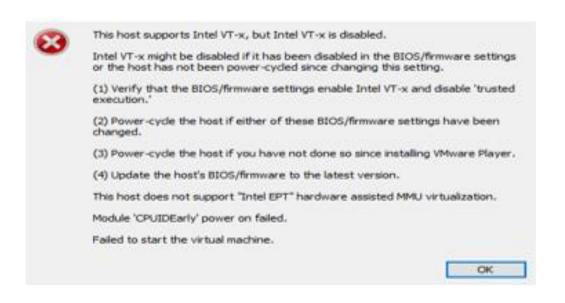


6. Select "I Copied It" and the virtual machine will open.

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

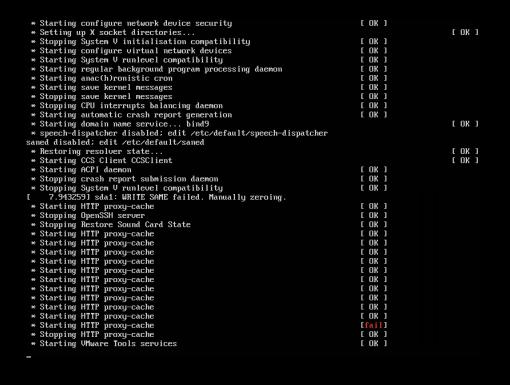
The following slides denote common errors in opening an image in VMware Workstation Player.



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.

* Stopping System V initialisation compatibility [0K] * Starting configure virtual network devices [0K] * Starting System V runlevel compatibility [0K] * Starting regular background program processing daemon [0K] * Starting anac(h)ronistic cron [0K] * Starting save kernel messages [0K] * Stopping save kernel messages [0K] * Stopping CPU interrupts balancing daemon [0K] * Starting automatic crash report generation [0K] * Starting domain name service bind9 [0K] * speech-dispatcher disabled; edit /etc/default/speech-dispatcher saned disabled; edit /etc/default/saned * Restoring resolver state [0K] * Starting CCS Client CCSClient [0K] * Starting hCPI daemon [0K] * Stopping crash report submission daemon [0K] * Stopping CS Stem V runlevel compatibility [0K]	* Starting configure network device security * Setting up X socket directories	[OK]	[OK]
* Starting Configure virtual network devices		ו אח ז	r ov 1
* Starting System V runlevel compatibility			
* Starting regular background program processing daemon			
* Starting anac(h)ronistic cron			
* Starting save kernel messages * Stopping save kernel messages * Stopping CPU interrupts balancing daemon * Starting automatic crash report generation * Starting domain name service bind9 * Starting cCS client cCsClient coscilient starting cCS client cCsClient * Restoring resolver state [OK] * Starting ACPI daemon * Starting ACPI daemon * Stopping crash report submission daemon * Stopping crash report submission daemon * Stopping crash report submission daemon * Stopping system V runlevel compatibility [OK] * Stopping system V runlevel compatibility [OK] * Stopping DensSH server * Stopping DensSH server [OK] * Starting HTIP proxy-cache * Stopping Bestore Sound Card State [OK] * Starting HTIP proxy-cache * Starting HTIP proxy-cac			
* 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/speech-dispatcher * Restoring resolver state [OK] * Starting CCS Client CCSClient [OK] * Stopping CPU interestate [OK] * Stopping crash report submission daemon [OK] * Stopping System V runlevel compatibility [OK] * Stopping System V runlevel compatibility [OK] * Stopping OpenSSH server [OK] * Starting HTTP proxy-cache [OK]			
* Stopping CPU interrupts balancing daemon			
* Starting automatic crash report generation * Starting domain name service bind9 * Speech-dispatcher disabled; edit /etc/default/speech-dispatcher saned disabled; edit /etc/default/saned * Restoring resolver state * Restoring resolver state * Starting CCS Client CCSClient * Starting ACPI daemon * Stopping crash report submission daemon * Stopping crash report submission daemon * Stopping System V runlevel compatibility [7.943259] sda1: WRITE SAME failed. Manually zeroing. * Starting HTTP proxy-cache * Stopping DemSSH server [0K] * Stopping DemSSH server [0K] * Starting HTTP proxy-cache			
* Starting domain name servicebind9 [0K] * speech-dispatcher disabled; edit /etc/default/speech-dispatcher saned disabled; edit /etc/default/saned * Restoring resolver state [0K] * Starting CCS Client CCSClient [0K] * Starting ACPI daemon [0K] * Stopping Crash report submission daemon [0K] * Stopping System V runlevel compatibility [0K] * Stopping System V runlevel compatibility [0K] * Starting HTTP proxy-cache [0K]			
* speech-dispatcher disabled; edit /etc/default/speech-dispatcher saned disabled; edit /etc/default/saned * Restoring resolver state [0K] * Starting CCS Client CCSClient [0K] * Starting fCPI daemon [0K] * Stopping crash report submission daemon [0K] * Stopping grash report submission daemon [0K] * Stopping System V runlevel compatibility [0K] * 7.9432591 sda1: WRITE SAME failed. Manually zeroing. * Starting HTTP proxy-cache [0K] * Stopping DemSSH server [0K] * Stopping Restore Sound Card State [0K] * Starting HTTP proxy-cache [0K]		2 311 2	ר או ז
**Restoring resolver state			
* Restoring resolver state			
* Starting ACPI daemon			[OK]
* Stopping Crash report submission daemon	* Starting CCS Client CCSClient		[OK]
* Stopping Crash report submission daemon	* Starting ACPI daemon	[OK]	
7.943259 sda1: WRITE SAME failed. Manually zeroing.		[OK]	
* Starting HTTP proxy-cache	* Stopping System V runlevel compatibility	[OK]	
* Stopping OpenSSH server			
* Stopping Restore Sound Card State	* Starting HTTP proxy-cache	COK 1	
* Starting HTTP proxy-cache	* Stopping OpenSSH server	COK 1	
* Starting HTTP proxy-cache	* Stopping Restore Sound Card State	COK 1	
* Starting HTTP proxy-cache	* Starting HTTP proxy-cache	COK 1	
* Starting HTTP proxy-cache	* Starting HTTP proxy-cache	COK 1	
* Starting HTTP proxy-cache	* Starting HTTP proxy-cache	COK 1	
* Starting HTTP proxy-cache	* Starting HTTP proxy-cache	COK 1	
* Starting HTTP proxy-cache			
* Starting HTTP proxy-cache [OK] * Starting HTTP proxy-cache [OK] * Starting HTTP proxy-cache [OK] * Starting HTTP proxy-cache [Ifail] * Stopping HTTP proxy-cache [OK]			
* Starting HTTP proxy-cache [OK] * Starting HTTP proxy-cache [OK] * Starting HTTP proxy-cache [Ifail] * Stopping HTTP proxy-cache [OK]		COK 1	
* Starting HTTP proxy-cache [OK] * Starting HTTP proxy-cache [fail] * Stopping HTTP proxy-cache [OK]			
* Starting HTTP proxy-cache [fail] * Stopping HTTP proxy-cache [OK]			
* Stopping HTTP proxy-cache [OK]			
* Starting UMware Tools services [OK]			
	* Starting UMware Tools services	[OK]	

Image file does not open or crashes: This typically occurs for one of three reasons; 1) the image file is corrupted, 2) the extraction password was incorrect, or 3) the image has expired. Please follow slides 11-13 for solutions to each.



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.



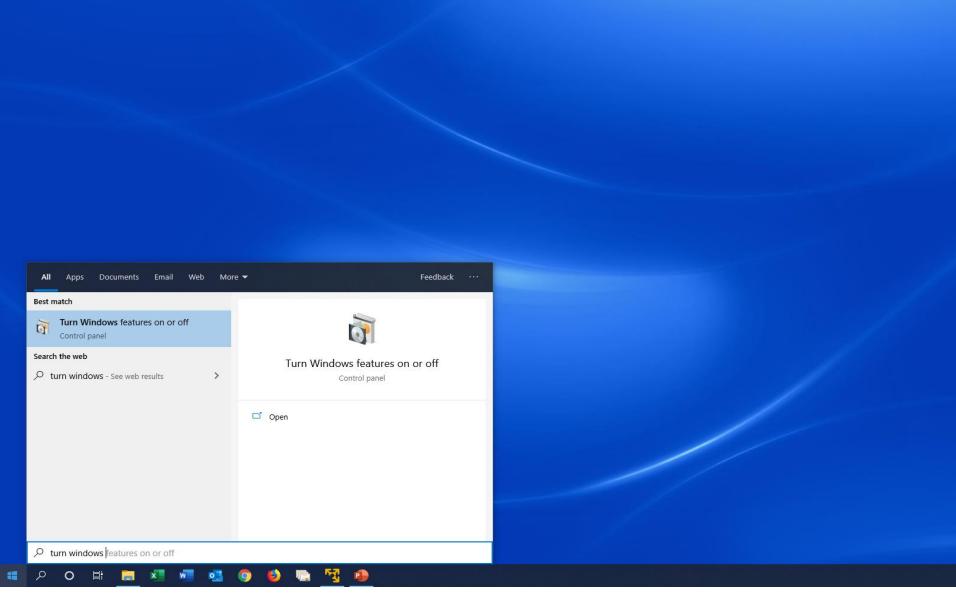
Image has expired: Images can only be opened and used during the round's specified timeframe; they must be deleted at the end of each round. Once opened in VMware Workstation Player, the countdown timer for the image begins and will expire after the round's specified competition length. You will have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



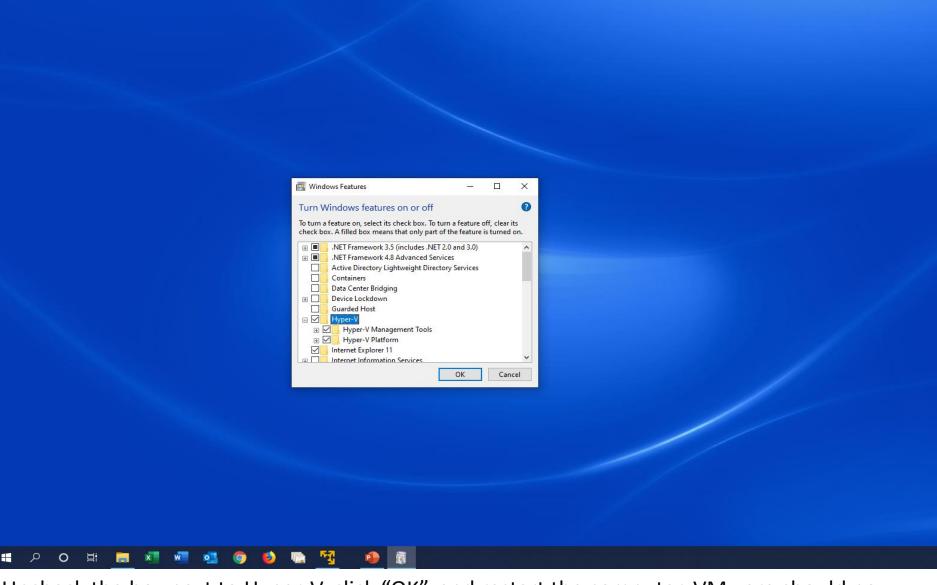
VMware Player and Device/Credential Guard are not compatible. VMware Player can be run after disabling Device/Credential Guard. Please visit http://www.vmware.com/qo/turnoff CG DG for more details.

OK

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. $_{14}$



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.