Using VCP NWP workshop VirtualBox VM image

1. Install VirtualBox and Extension Pack

Both the application <u>VirtualBox</u> and its <u>Extension Pack</u> have to be installed in order to load the provided Practical session virtual machine (VM) image. The installer can be found from <u>https://www.virtualbox.org/wiki/Downloads</u>

VirtualBox 6.1.16 platform packages ● ☞ Windows hosts ● ☞ OS X hosts ● Linux distributions ● ☞ Solaris hosts							
The binaries are released under the terms of the GPL version 2.							
See the changelog for what has changed.							
You might want to compare the checksums to verify the integrity of downloaded packages. The S must be treated as insecure!							
SHA256 checksums, MD5 checksums							
Note: After upgrading VirtualBox it is recommended to upgrade the guest additions as well.							
VirtualBox 6.1.16 Oracle VM VirtualBox Extension Pack							
Support for USB 2.0 and USB 3.0 devices, VirtualBox RDP, disk encryption, NVMe and PXE boot for introduction to this Extension Pack. The Extension Pack binaries are released under the VirtualBox the same version extension pack as your installed version of VirtualBox.							
VirtualBox 6.1.16 Software Developer Kit (SDK)							
● ✑ All platforms							
User Manual							

2. Importing VirtualBox VM image

1. Launch VirtualBox application. Click "File">"Import Appliance..."

_	🔮 Oracle VM VirtualBox Manager — 🗆 🗙									
File	File Machine Help									
S	Preferences	Ctrl+G								
Q	Import Appliance	Ctrl+I	Export New Add							
R	Export Appliance	Ctrl+E	alBox!							
4	New Cloud VM		on window contains							
P	Virtual Media Manager	Ctrl+D	virtual machines and n your computer.							
	Host Network Manager	Ctrl+H	bar buttons. You							
╩	Network Operations Manager		rently selected ding element							
	Check for Updates									
<u>^</u>	Reset All Warnings		y to get instant help, org for more ews.							
C	Exit	Ctrl+Q								
			_							

2. Select the provided VM image file "vcpnwp2020.ova"

Applia	nce to import	
Please cl	noose the source to import appliance from. This can be a local file system to import OVF archive or one of known cloud service providers to import cloud	/M from.
Source	Local File System	-
	noose a file to Import the virtual appliance from. VirtualBox currently supports importing appliances saved in the Open Virtualization Format (OVF). To cor import below.	tinue, select
File	C:\Users\kwchui\Desktop\vcpnwp2020.ova	

3. Accept default settings. Then the image will be imported into VirtualBox within several minutes.

←	Import Virtual Appliance	?	×
	Appliance settings		
[Virtual System 1	ed in the appliance and the suggested settings of the imported VirtualBox machines. You can change many of the properties shown by le others using the check boxes below.	'
	Rame	vcpnwp2020	
	号 Guest OS Type	🛃 Ubuntu (64-bit)	
	CPU	2	
	RAM	4096 MB	
	o DVD	Importing Appliance: Importing appliance 'C\Users\kwchul\Desktop\vc ×	
	🖉 USB Controller		
	🕩 Sound Card	Importing virtual disk image 'vcpnwp2020-disk001.vmdk' (2/3)	
	Network Adapter	8% 🗶	
	🔷 Storage Controller (IDE)	1 minute, 14 seconds remaining	
	Storage Controller (IDE)	•	
	🗙 🔶 Storage Controller (SATA)	AHCI	
	🧕 Virtual Disk Image	vcpnwp2020-disk001.vmdk	
	📕 Base Folder	C:\Users\kwchui\VirtualBox VMs	

4. Select the VM "vcpnwp2020" and then click "Start" to run it as shown:

Oracle VM VirtualBox Manager File Machine Help		– 🗆 X			
	New Settings Discard				
Vcpnwp2020 Powered Off	General Name: vcpnwp2020 Operating System: Ubuntu (64-bit)	Preview			
	System Oblind (of bit) Base Memory: 4096 MB Processors: 2 Boot Order: Floppy, Optical, Hard Disk Acceleration: VT-x/AMD-V, Nested Paging, KVM Paravirtualization Paravirtualization	vcpnwp2020			
	Display Video Memory: 128 MB Graphics Controller: VBoxVGA Remote Desktop Server: Disabled Recording: Disabled				
	Storage Controller: IDE IDE Secondary Master: [Optical Drive] Empty Controller: SATA SATA Port 0: vcpnwp2020-disk001.vdi (N	ormal, 50.00 GB)			
-	Audio.				

 The Ubuntu Linux system containing the tutorial materials will login directly without password. The username is set to "<u>r2_user</u>" and the default password is "<u>r2_user#1</u>".

Y vcpr	wp2020 [Ru	inning] -	Oracle VI	M VirtualBox						
	Machine	View	Input	Devices	Help					
Activiti	es			-		w	ed 13:21	1.	1000	
6	-									
	Trash									
?										
>-										
2										
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6. All the necessary materials are located under the directory at <u>/r2</u>.

The End