Accessing VM's web server from Host machine

1. Check the network adapter of the VM by clicking on the VM's name under the "Network" tab. Most likely you will be having only one network adapter, the NAT (network address translation)

New Settings Start Discard	
Ubuntu-VM1 Powered Off	E General
	Name: WebSec - CS5331 ownCloud Operating System: Ubuntu
Powered Off	System
Ubuntu10 (Frefox + Webkit) @ Powered Off	Base Memory: 512 MB Boot Order: Flopp, CD(DVD, Hard Dak Acceleration: V-1/AMD-V, Nested Paging, PAE/INX
Powered Off	
WebSec - App1 @ Powered Off	3 Display
PhpCoverage © Powered Off	Video Memory: 12 MB Remote Desktop Server: Disabled Video Capture: Disabled
WebSec - Gallery Off Powered Off	Storage
CS5331 Clone @ Powered Off	Controller: IDE IDE Secondary Monter: (CD,DVD) Empty Controller: SKR SKR PVF 10: WebGer - CSS331 overClaud wit (Normal, 10,00 GR)
WebSec - CSS331 Gallery Powered Off	🕒 Audio
WebSec - C55331 eFront @ Powered Off	Hest Driver: Windows DirectSound Controller: ICH AC97
WebSec - CS5331 Dokeos	P Network Adapter 1: Intel PRO/1000 MT Desktop (NAT)
WebSec - CS5331 ownCloud	Commenter and the second se
2 OP Powered Off	Device Filters: 0 (0 active)
WebSec - C55331 phpScheduleIt	Shared folders
GC WebSec - CSS331 Flag	None
2 Severed Off	y bescription
Gallery @ Powered Off	

2. Go to "Settings" and click "Network" tab



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		General	General	
D		System Display Storage Audio	Basic Advanced Description Name: WebSec - CS5331 ownCloud Type: Linux	
	ľ	Network	Version: Ubuntu	
		9 Serial Ports 9 USB 9 Shared Folders		
			OK Cancel H	elp

3. Go to "Adapter 1" tab, check 'Enable Network Adapter', and choose 'Host-only adapter' under 'Attached to' dropdown list. Under 'Name' dropdown list, choose everything that you have there. Click OK.

6	🤪 WebSec - CS5331 ownCloud - Settings		
		General	Network
		System	Adapter 1 Adapter 2 Adapter 3 Adapter 4
		Storage	Enable Network Adapter
		Audio	Attached to: Host-only Adapter V
		Network	Name: VirtualBox Host-Only Ethernet Adapter
		Serial Ports USB	Advanced
		Shared Folders	
]	OK Cancel Help
l			

4. If nothing is there under "Name" drop down list, try to create new Ethernet adapter. Go to File → Preferences. Under "Network" option, go to 'Host-only Networks' tab. Click on the green icon.

Eile Machine Help				
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New Settings Start Discard				
Ubuntu-VM1 Operation Off		📃 General		
Ubuntu-VM2 Powered Off	VirtualBox - Settings	Name:	WebSec - CS5331 ownCloud	×)
Ubuntu10 (Firefox + Webkit) Powered Off	General Network		1	
WebSec Powered Off	Update VirtualBox Host-O Stanguage	Host-only Networks		
WebSec - App1 Powered Off	Cipley Network			<i>~</i>
PhpCoverage Powered Off	Extensions			
WebSec - Gallery Powered Off				
C55331 Clone Powered Off				Normal, 10.00 0
WebSec - CS5331 Gallery Powered Off		ОК	Cancel Help	>
WebSec - C55331 eFront Powered Off		Controller: ICH A	C97	

Now, something should appear under the "Name" dropdown list.

5. Go to "Adapter 2" tab, check 'Enable Network Adapter', and choose 'NAT' under 'Attached to' dropdown list. Click OK.

9	WebSec - CS5331	WebSec - CS5331 ownCloud - Settings	
	📃 General	Network	l
	System	Adapter 1 Adapter 2 Adapter 3 Adapter 4	
	Storage	I Enable Network Adapter	
	┣ Audio	Attached to: NAT 🔹	
	P Network	Name:	
	🚫 Serial Ports	Advanced	l
	🖉 USB		
	Shared Folders		l
		OK Cancel Help	

6. Now try running the VM. After it boots up, open terminal and run ifconfig. Get the IP address from the 'eth0' interface. In my case, it is '192.168.56.102'



7. Start the web server, and try accessing this web server from the host OS. Using the IP address that we got, go to the URL of the application.

← → C ☐ 192.168.56.102/owncloud/	ownCloud
	WebSec - CS5331 ownCloud (Running) - Oracle VM VirtualBox
	Machine View Devices Help Applications Places System ?? File Edit View Terminal Help Student@student-laptop: - File Edit View Terminal Help Student@student-laptop: - Student@student-laptop: - Student@studen