Konfigurasi RouterOS Mikrotik dengan VMware

Alat dan bahan yang diperlukan antara lain:

- a. PC/Laptop dengan Sistem Operasi Windows.
- b. Software VMware dengan OS Mikrotik.
- Pertama, buka aplikasi VMware dan install OS Mikrotik. Jalankan mesin dan memulai instalasi OS Mikrotik dengan mencentang semua requirementnya dengan mengklik 'a'. Apabila sudah dicentang semua, klik 'i' pada keyboard sampai proses instalasi selesai. Jika sudah lalu reboot dengan menekan tombol 'enter'.

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C Type here to search	▲ Welcome to	MikroTik Router Software	installation			
 My Computer Mikrotiks Shared VMs 	Move around menu using 'p' Select all with 'a', minim cancel and reboot.	and 'n' or arrow keys, se um with 'm'. Press 'i' to	lect with 'spa install local	acebar ly or	'. 'q' t	to
	[X] system [X] ppp [X] dhcp [X] advanced-tools [X] calea [X] gps [X] hotspot	[X] ipv6 [X] isdn [X] kvm [X] kvm [X] Led [X] mp1s [X] multicast [X] ntp	[X] routerbo [X] routing [X] security [X] ups [X] ups [X] user-Man [X] Wireless	ard ager		
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To direct input to this VM, click in	nside or press Ctrl+G.			🗗 📀 🗄	¦a ⊲₀	J //.

2. Masukkan username dengan nama admin dan password dikosongkan.



3. Masukkan perintah 'ip address add address=192.168.20.1/24 interface=ether1' untuk mengatur ip address. Lalu jalankan perintah 'ip address print' untuk melihat daftar interface.

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	You have 23h49n to configure the router to be remotely acco and to enter the keyb upsating it is a felnet window or in See www.mikrotik.com/key for more details. Current installation "software 10": W5Y-LHT9 Flease press "Dher" to continue?	ssible, Winbox			
	[admin@HikroIik] > ip address add address=192.168.20.1/24 i [admin@HikroIik] > ip address print Flags: X - disabled, I - invalid, D - dynamic ■ onPropressabled, I - invalid, D - dynamic	nterfac	e=etho		
	0 192.168.20.1/24 192.168.20.0 ether1 [admin@likroTik] >				

 Lakukan kembali perintah 'ip address add address=192.168.20.2/24 interface=ether2' untuk mengatur ip address ethernet kedua dan jalankan kembali perintah 'ip address print' untuk melihat daftar interface.



5. Menambahkan konfigurasi nat dengan cara memberi perintah 'ip firewall nat add chain=scrnat out-interface=ether1 action=masquerade' dan 'ip dhcp-server setup', enter dan masukkan perintah 'ether2' lalu klik enter kembali.



6. Mengatur DNS dengan perintah pada dns server '8.8.8.8,8.8.4.4' dan klik enter.



7. Klik kanan pada taskbar network dan pilih Open Network and Internet Setting, pilih Change Adapter Options, dan pilih VMware Network Adapter VMnet1, klik kanan dan pilih Properties.

Network Connections					-		×
← → · · ↑ 👰 > Control Panel > Net	work and Internet > Network	Connections		v Ö	Search Network Con	nections	P
Organize - Disable this network device	Diagnose this connection	Rename this connection	View status of this connection	Change settings of th	is connection	•	?
Ethernet Network cable unplugged Realtek PCIe GBE Family C	King Kanala	vork Adapter	Whware Network Adapter Whret8 Enabled	Sela Broadc	om 802.11n Networ		
4 items 1 item selected						8	

8. Pilih Internet Protocol Version 4 (TCP/IPv4), dan klik properties.

VMware Network Adapter VMnet8 Properties	<				
Networking Sharing					
Connect using:					
VMware Virtual Ethernet Adapter for VMnet8					
<u>C</u> onfigure					
This connection uses the following items:					
Client for Microsoft Networks					
VMware Bridge Protocol					
File and Printer Sharing for Microsoft Networks					
Internet Protocol Version 4 (TCP/IPv4)					
Microsoft Network Adapter Multiplexor Protocol					
Microsoft LLDP Protocol Driver					
Internet Protocol Version 6 (TCP/IPv6)					
< >>					
Install Uninstall Properties					
Description					
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.					
OK Cancel	٦				

9. Pilih Obtain an IP address automatically dan klik OK.

Internet Protocol Version 4 (TCP/IPv4) Properties				
General Alternate Configuration				
You can get IP settings assigned auto this capability. Otherwise, you need t for the appropriate IP settings.	matically if your network supports to ask your network administrator			
Obtain an IP address automatication	ally			
Use the following IP address:				
IP address:	· · · · · · · · ·			
Sybnet mask:	and the second second			
Default gateway:				
Obtain DNS server address auto	omatically			
Use the following DNS server ad	dresses:			
Preferred DNS server:				
<u>A</u> lternate DNS server:				
Vaļidate settings upon exit	Ad <u>v</u> anced			
	OK Cancel			

10. Cek IP Address di Command Prompt dengan mengetikkan perintah 'ip config' lalu tekan

enter.

