Step 1: Open the Virtual Box and Start the "Server 2008" > Open the "Initial Configuration Tasks" and click the "Add Roles" in customize this server.



Step 2: Click the "Add Roles" in customize this server and click "Next".



Step 3: In select server roles click "DHCP Server" and click "Next".

<

Add Dates Wissed		
Select Server R	bles	
Before You Begin Ever Roles DHCP Server Network Correction Bindings IP-4 WINS Settings IP-4 WINS Settings IP-6 Scopes DHCP-6 Stablese Mode IP-6 DHS Settings IP-60 Server Authorization Confirmation Progress Results	Select one or more roles to install on this server. Reles: Childre Dectory Certificato Services Childre Dectory Foderato Services Childre Dectory Foderato Services Childre Dectory Rights Hanagement Services Application Server Childre Services Field Services Field Services Physical Childre Services Childre Dectory Rights And Access Services Physical Services Childre Services	Description: Dynamic tools Configuration Protocol (DKRC) Sarry enables you to certrally configure, manage, and protocols and the set of the
	< Previous Next	t > Instal Cancel
Notart II. 🔊 🤭		Do D San (* 1:50 PM
		2/16/2024
Add Roles Wizard		
Select Network	Connection Bindings	
	connection bindings	
- Refore You Regin		
Server Roles	One or more network connections having a static IP address wer be used to service DHCP dients on a separate subnet.	e detected. Each network connection can
DHCP Server	Select the network connections that this DHCP server will use for	servicing dients.
Network Connection Bindings	Network Connections:	
IPv4 DNS Settings	IP Address	Туре
IPv4 WINS Settings	☑ 192.168.1.100	IPv4
DHCP Scopes		
IPu6 DNS Settings		
DHCP Server Authorization		
Confirmation		
Progress		
Results		
	Details	
	Name: Local Area Connectio Network Adapter: Local Area Connectio	n
	Physical Address: 08-00-27-07-BA-B2	
	< Previous N	ext > install Cancel
🕈 Start 🍇 🛃 🚞		P 🖹 🖥 🕼 2/16/2024
Add Roles Wizard		×K
Specify IPv4 DNS	Server Settings	
Defens Ven Deels		5
Server Roles	When clients obtain an IP address from the DHCP server, they can be give addresses of DNS servers and the parent domain name. The options you was a server of the servers and the parent domain name.	n DHCP options such as the IP provide here will be applied to cleants
DHCP Server	using IPv4.	
Network Connection Bindings	Specify the name of the parent domain that clients will use for name resolu scopes you create on this DHCP server.	tion. This domain will be used for all
IPv4 DNS Settings	Parent domain:	
DHCP Scopes	Rizzachan.com	
DHCPv6 Stateless Mode		
IPv6 DNS Settings	specify the IP addresses of the DNS servers that clients will use for name r used for all scopes you create on this DHCP server.	esolution. These DNS servers will be
DHCP Server Authorization	Preferred DNS server IPv4 address:	
Progress	127.0.0.1 Validate	
Results	Valid V	
	Alternate DNS server IPv4 address:	
	Validate	
	Mara sharit DNS annua collinas	
-	Divic avoit DNS SErver Settings	ž.
	Commission March 1	Tostal Carrel
	< Previous Next >	Cancel
🎝 Start 🦓 🛃 📻		2/16/2024 💻

Step 4: In DHCP Scopes click "Next" and click "Install"

Add Roles Wizard		×
Add or Edit DHCP	Scopes	
Before You Begin Server Roles	A scope is the range of possible IP addresses for a network. The DHCP server cannot distribute IP addresses to clients until a scope is created. Scopes:	
DHCP Server	Name IP address range Add	
Network Connection Bindings	Edit	
IPv4 DNS Settings		
IPv4 WINS Settings	Delete	
DHCP Scopes		
DHCPv6 Stateless Mode		
IPv6 DNS Settings		
DHCP Server Authorization		
Confirmation		
Progress		
Results	Properties Add or select a scope to view its properties. More about adding scopes	
	< Previous Next > Install Cancel	
🕅 start 👗 ⊿ 🚞		РМ 2024 🗖

Step 5: You are done!



Step 6: Open your DHCP, Search in you file explorer and click "DHCP"

Step 7: Right click the "IPv4" text and click "New Scope.."









Step 9: Input the name you want.

	DH New Scope Wizard
Ŋ	Scope Name You have to provide an identifying scope name. You also have the option of providing a description.
	Type a name and description for this scope. This information helps you quickly identify how the scope is to be used on your network.
	Name: S1A MALES
	Description:
	< Back Next > Cancel
	Cancelland Cancelland

Step 10: input the required "Start IP Address", "End IP Address" and "Length"

Recycle Bin	PH New Scope Wizard				
File	IP Address Range You define the scope address range by identifying a set of consecutive IP addresses.				
₩	Configuration settings for DHCP Server				
	Start IP address: 10 . 0 . 0 . 1				
	End IP address: 10 . 0 . 41))			
	Configuration settings that propagate to DHCP Client				
	Length: 8				
	Subnet mask: 255 . 0 . 0 . 0				
	<pre> < Back Next > Cancel</pre>	_			

Step 11: Add Exclusions and Delay

2			
.ecycle Bin	😲 DH File	New Scope Wizard Add Exclusions and Delay	
		Exclusions are addresses or a range of addresses that are not distributed by the server. A delay is the time duration by which the server will delay the transmission of a DHCPOFFER message.	
		Type the IP address range that you want to exclude. If you want to exclude a single address, type an address in Start IP address only.	^
	Œ	Start IP address: End IP address: 10 . 0 . 1 10 . 0 . 10 Add	
		Excluded address range:	
		Subnet delay in milli second:	
	•	< Back Next > Cancel	

Step 12: Input the required duration

File	Lease Duration The lease duration specifies how long a client can use an IP address from this scope.	
	Lease durations should typically be equal to the average time the computer is connected to the same physical network. For mobile networks that consist mainly of portable computers or dial-up clients, shorter lease durations can be useful. Likewise, for a stable network that consists mainly of desktop computers at fixed locations, longer lease durations are more appropriate. Set the duration for scope leases when distributed by this server. Limited to:	•
	Days: Hours: Minutes:	
•	< Back Next > Cancel	

Step 13: click "Yes" and "Next"

賀 DH	New Scope Wizard	
File	Configure DHCP Options You have to configure the most common DHCP options before clients can use the scope.	
	When clients obtain an address, they are given DHCP options such as the IP addresses of routers (default gateways), DNS servers, and WINS settings for that scope.	- -
Ē	The settings you select here are for this scope and override settings configured in the Server Options folder for this server.	
	Do you want to configure the DHCP options for this scope now?	
	Yes, I want to configure these options now	
	O No, I will configure these options later	
	< Back Next > Cancel	

Step 14: Input the required IP address of DNS Server.

Bin	🔮 DH	New Scope Wiz	zard	
	File	Domain Na The Dom on your	me and DNS Servers nain Name System (DNS) maps and translates domain names used by clients network.	
		You o DNS Parei	Validation Validating if DNS Server service is running on 8.8.4.4, this process can take some time due to Network Traffic	÷
	Œ	To ci serve	P addresses for those	
		Server name:	IP address:	
			8 8 4 4 Add Resolve 127.0.0.1 Remove Up Down Down Down Down	
	•		< Back Next > Cancel	Q.

Step 15: click "Yes" and click "Next"

Dirio numo roso	ulon.	
Parent domain:	Rizzachan.com	
To configure sc servers.	DHCP	X
Server name:	The IP Address 8.8.4.4 is not a valid DNS address, do you stil want to add it ?	
	Yes No	
	Down	



Step 16: click "Finish" and you are all set!

