# RHEL9 INSTALLATION ON / IN VMWARE WORKSTATION PRO

### **MINIMUM SYSTEM REQUIREMENTS FOR RHEL 9:**

- 2 GB RAM or more
- 1 GHz Single or multiple CPU
- 20 GB hard disk space
- RHEL 9 ISO Image (Download from RedHat Website)

#### **PROCESS TO CREATE A NEW VIRTUAL MACHINE:**

• Launch VMware Workstation:

#### **Click New Virtual Machine**

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• Select the type of virtual machine you want to create and click Next: Click Next.

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• Select I will install the Operating system later: WORKSTATION PRO<sup>-</sup>17

Guest Operating System Installation A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?	Connect to a
Install from:	- Hernote Server
🔿 Installer disc:	
No drives available	
O Installar disc image file /iso)-	
◯ Installer disc image file (iso): D:\ISO-IMAGES\rhel-9.2-x86_64-dvd.iso ✓ Browse	
Installer disc image file (iso): D:\ISO-IMAGES\rhel-9.2-x86_64-dvd.iso Browse	
Installer disc image file (iso): D:\ISO-IMAGES\rhel-9.2-x86_64-dvd.iso Browse I will install the operating system later.	
<ul> <li>○ Installer disc image file (iso):</li> <li>D:\ISO-IMAGES\rhel-9.2-x86_64-dvd.iso</li> <li>✓ Browse</li> <li>✓ I will install the operating system later.</li> <li>The virtual machine will be created with a blank hard disk.</li> </ul>	
<ul> <li>☐ Installer disc image file (iso):</li> <li>☐:\ISO-IMAGES\rhel-9.2-x86_64-dvd.iso</li> <li>✓ Browse</li> <li>✓ I will install the operating system later.</li> <li>The virtual machine will be created with a blank hard disk.</li> </ul>	

• Select your guest operating system (OS), then click Next. WORKSTATION PRO<sup>-</sup>17

New Virtual Machine Wizard	×	$\geq$
Select a Guest Operating System		`
Which operating system will be installed on this virtual machine?		Connect to a Remote Server
Guest operating system		
Microsoft Windows		
O Linux		
VMware ESX		
Other		
Version		
Red Hat Enterprise Linux 9 64-bit	~	

ASHOK IT

• Enter a virtual machine name and specify a location for virtual machine files to be saved, click Next.

lew Virtual Machine Wizard	×	<li></li>
Name the Virtual Machine What name would you like to use for this virtual machine?		Connect to a Remote Server
Virtual machine name:		
RHEL9		
Location:		
C:\VMS\RHEL9	Browse	

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• Establish the virtual machine's disk size 50G, select split virtual disk into multiple files click Next.

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New Virtual Machine Wizard	× Ž
Specify Disk Capacity How large do you want this disk to be?	Connect to a Remote Serve
The virtual machine's hard disk is stored as one or more files on the hor computer's physical disk. These file(s) start small and become larger as applications, files, and data to your virtual machine.	st s you add
Maximum disk size (GB):	
Recommended size for Red Hat Enterprise Linux 9 64-bit: 20 GB	
Store virtual disk as a single file	
Splitting the disk makes it easier to move the virtual machine to ano computer but may reduce performance with very large disks.	ther

• Verify the other configuration settings for your virtual machine: Click Finish.

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Ready to Create Click Finish to Enterprise Linu	<b>Virtual Machine</b> create the virtual machine. Then you can install Red Hat ux 9 64-bit.	Connect to a Remote Server
The virtual machine	will be created with the following settings:	
Name:	RHEL91	
Location:	C:\VMS\RHEL91	
Version:	Workstation 17.x	
Operating System:	Red Hat Enterprise Linux 9 64-bit	
Hard Disk:	50 GB, Split	
Memory:	2048 MB	
Network Adapter:	NAT	
Other Devices:	2 CPU cores, CD/DVD, USB Controller, Printer, Sound C	
Customize Hardw	are	

• You are prompted VM Settings:





• Edit Virtual machine Settings, choose CD/DVD(SATA), Select Use ISO Image file and browse and load RHEL9 ISO Image File: Click OK.



### • Click Power on the Virtual Machine

<b></b>	
Power on this virtual ma	achine
🕞 Edit virtual machine set	tings
<ul> <li>Devices</li> </ul>	
📟 Memory	2 GB
Processors	2
Hard Disk (NVMe)	20 GB
S CD/DVD (SATA)	Using file D:\ISO
P Network Adapter	NAT
🖶 USB Controller	Present
Sound Card	Auto detect
🛄 Display	Auto detect
<ul> <li>Description</li> </ul>	

ASHOK IT

• Use Up and Down arrow keys, select Install Red Hat Enterprise Linux 9



• Select language English, Click Continue.

	RED HAT ENTERPRISE LINUX 9.2 INSTALLATION		
	🖽 us	Help! (F1)	
WELCOME TO RED H	AT ENTERPRISE LINU	JX 9.2.	

What language would you like to use during the installation process?

हिन्दी	Hindi	English (United States)
English	English >	English (United Kingdom)
বাংলা	Bangla	English (India) English (Australia)
తెలుగు	Telugu	English (Canada)
मराठी	Marathi	English (Denmark)
தமிழ்	Tamil	English (Ireland) English (New Zealand)
اردو	Urdu	English (Nigeria)
ગુજરાતી	Gujarati	English (Hong Kong SAR China) English (Philippines)
Type here to search.	•	

Quit



• From the Installation summary, setting language. time zone, software selection: Server with GUI



• Click Installation Destination option: From storage configuration select Custom Option: Click Done.





## • Click Network & Host:

INSTALLATION SUMMARY	RED HAT ENTERPR	RISE LINUX 9.2 INSTALLATION
	🖽 us	Help!
LOCALIZATION	SOFTWARE	SYSTEM
English (US)	Connect to Red Hat	Destination Destination Custom partitioning selected
Language Support English (United States)	Installation Source     Local media	KDUMP Kdump is enabled
Sia/Kolkata timezone	Software Selection Server with GUI	Network & Host Name Connected: ens160
USER SETTINGS		Security Profile No profile selected
Root Password Root account is disabled		
	Quit	t Begin Installation

• Enable Ethernet (ens160), Set Hostname: Server.example.com.

NETWORK & HOST NAME	RED HAT ENTERPRISE LINUX 9.2 INSTALLATION	
Ethernet (ens160)     VMware VMXNET3 Ethernet Controller	Ethernet (ens160)	
	Hardware Address 00:0C:29:C1:45:7B	
	Speed 10000 Mb/s	
	IP Address 192.168.10.11/24	
	Default Route 192.168.10.2	
	DNS 192.168.10.2	
+ -	Configure	
Host Name: Server.example.com	Apply Current host name: localhost	



• Now only user settings item is pending, click on 'Root Password' to set password for root user: Click Done.



• Setting up root password: Click Done.

ROOT PASSWORD	RED HAT E 圙 us	NTERPRISE LINUX 9.2 INSTALLATION
The root account	is used for administering the system. Enter a pas	sword for the root user.
<u>R</u> oot Password:	•••••	©
		Weak
<u>C</u> onfirm:	•••••	¢
Lock root ac	ount	
Allow root S	H login with password	



• Click on 'User Creation': Fill local user details and then click on 'Done', it will take us back to installation summary: Done



• Fill local user / Normal user details and then click on Done.

CREATE USER	RED HAT ENTERPRISE LINUX	( 9.2 INSTALLATION Help! (F1)
<u>F</u> ull name	RNRAJU	
<u>U</u> ser name	raju	
	Make this user administrator	
Password	••••	•
	Too sh	iort
<u>C</u> onfirm password	••••	®
	Advanced	



### • Now click on 'Begin Installation' to start the installation.



### • Installation Started.





• Once the installation is completed, installer will instruct to reboot the system: Click Reboot system.

INSTALLATION PROGRESS	RED HAT ENTERPRISE LINUX 9.2 INSTALLATION
Complete!	
Red Hat Enterp	prise Linux is now successfully installed and ready for you to use! Go ahead and reboot your system to start using it! Reboot System

• Login Screen appear: Click Not listed, Type username root & password



• After login, To open a terminal Prompt: Select Activities and click on Terminal:



**NOTE:** Terminal open with [ root@Server ] #