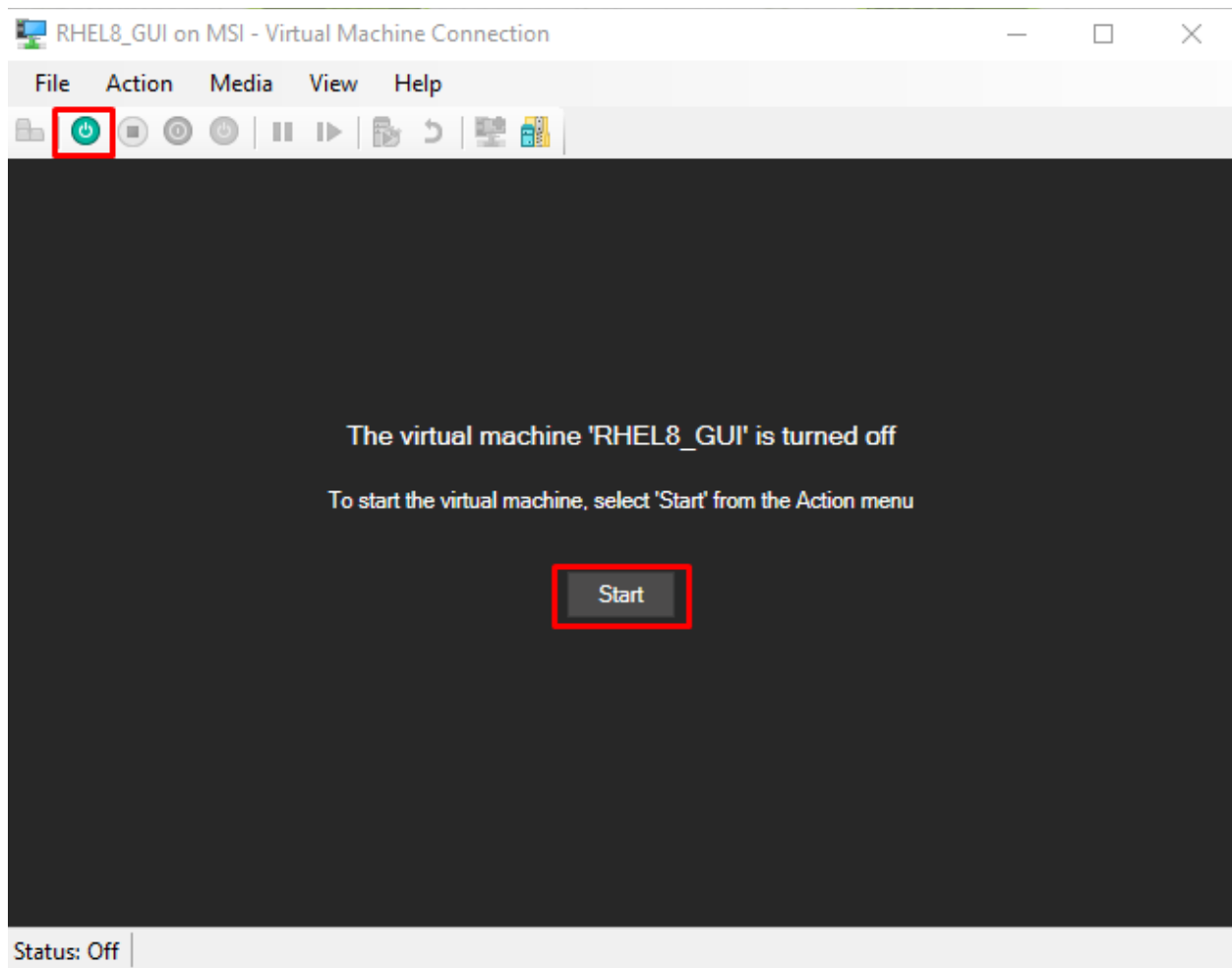


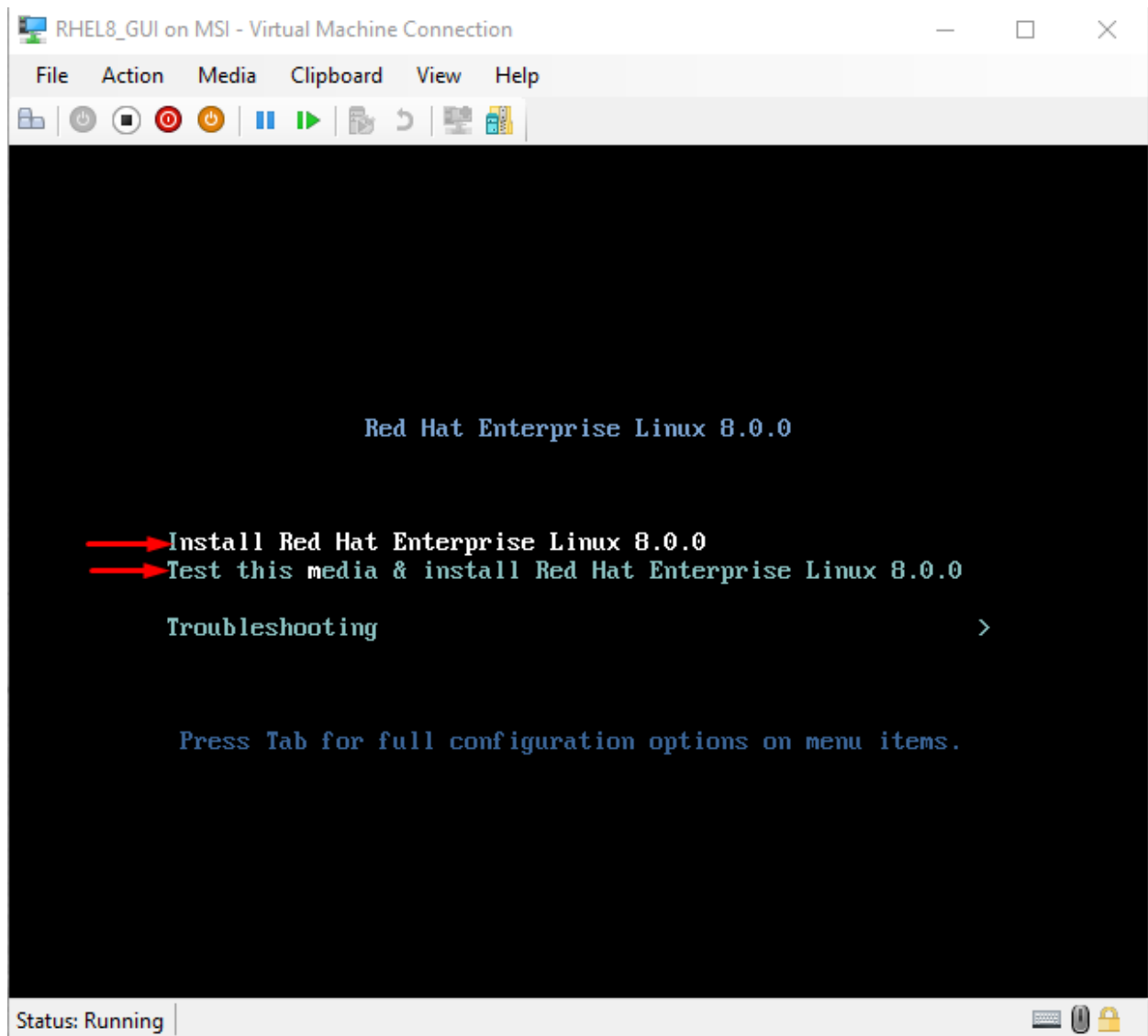


# Installation of RedHat Enterprise Linux Server 8 on Hyper-V

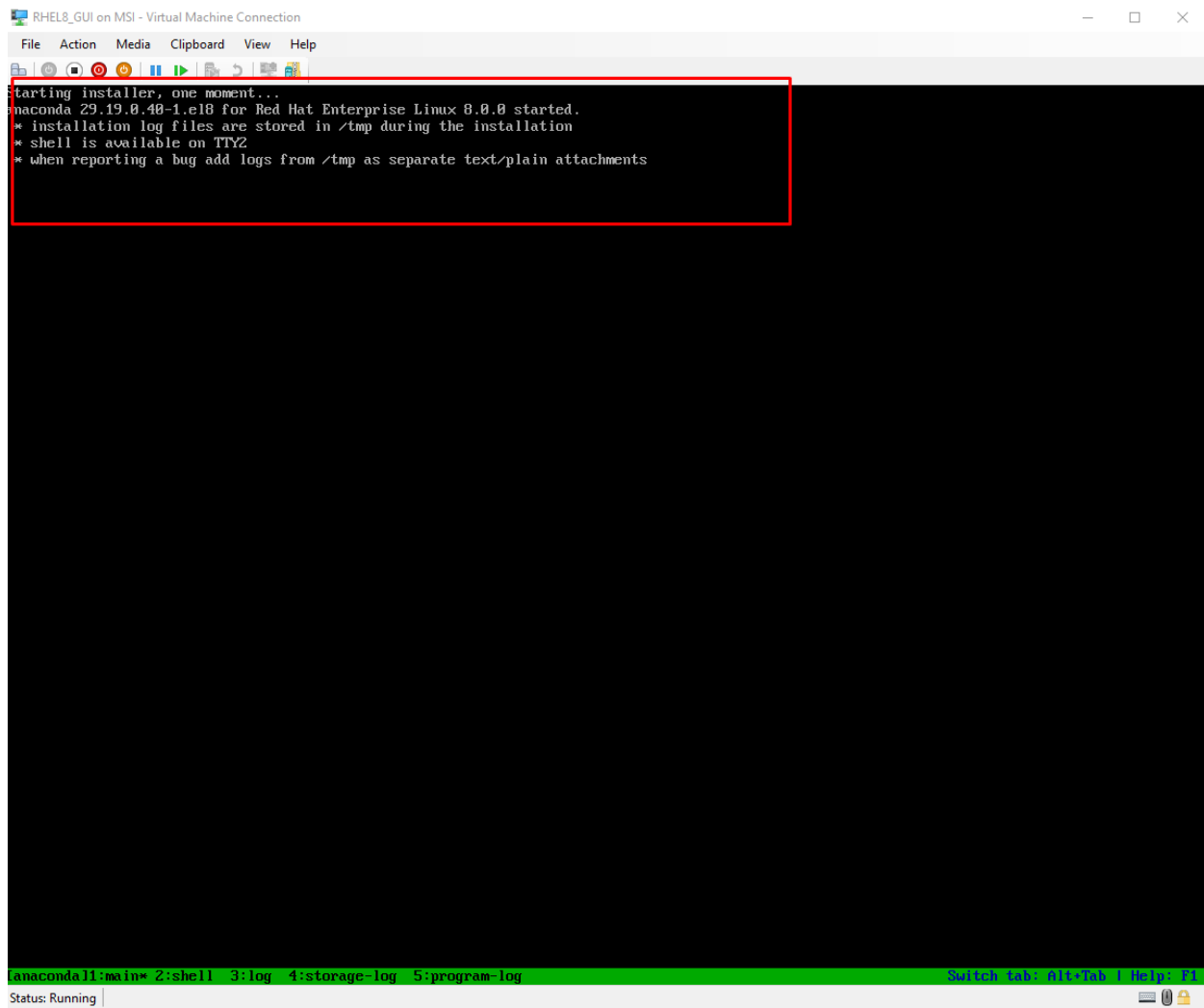
STEP 1: Click on Start button.



STEP 2: Select any of the Option.



IF option 1 is selected, then it will look like:-



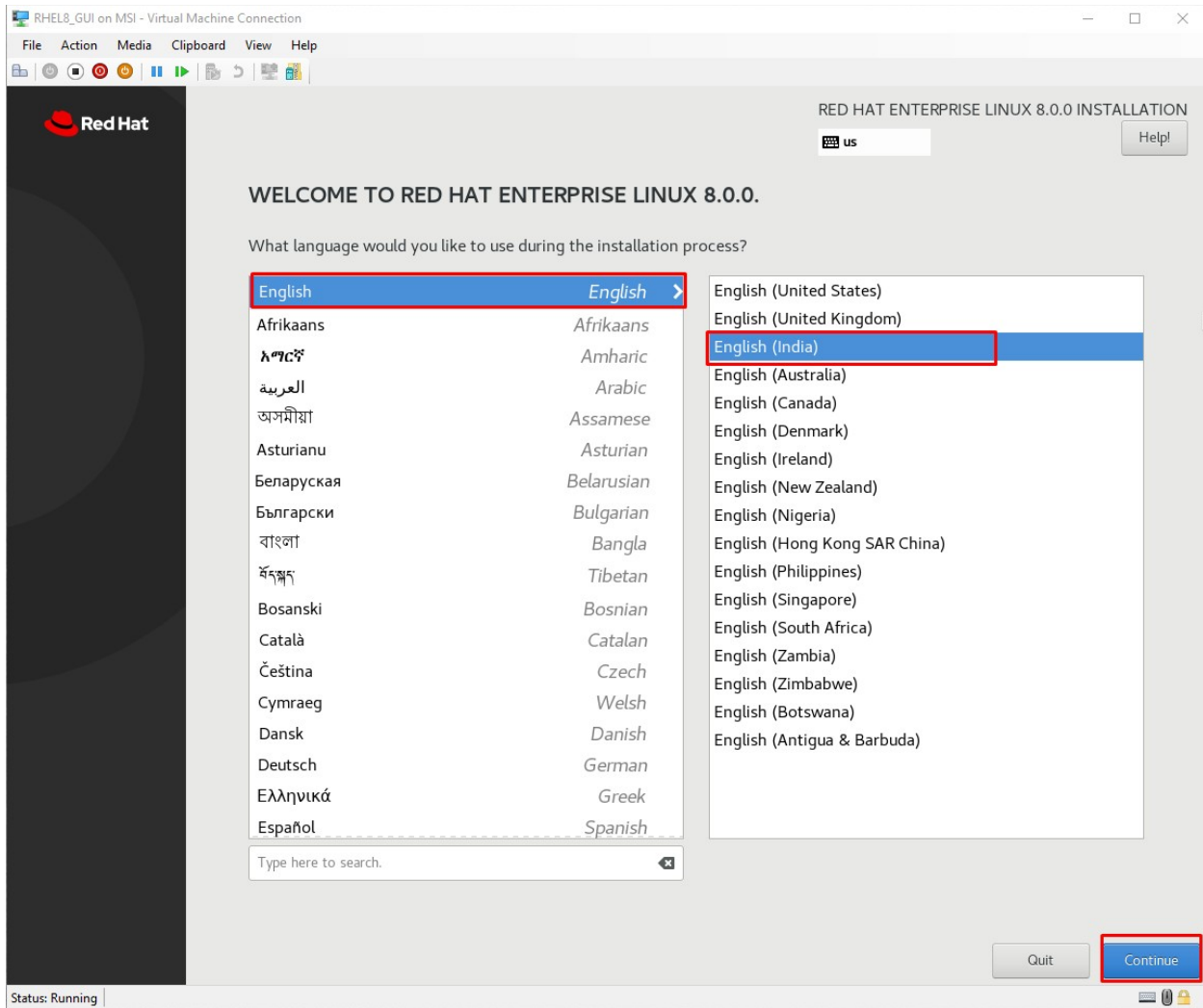
IF option 2 is selected, then it will look like:-

```
RHEL8_GUI on MSI - Virtual Machine Connection
File Action Media Clipboard View Help

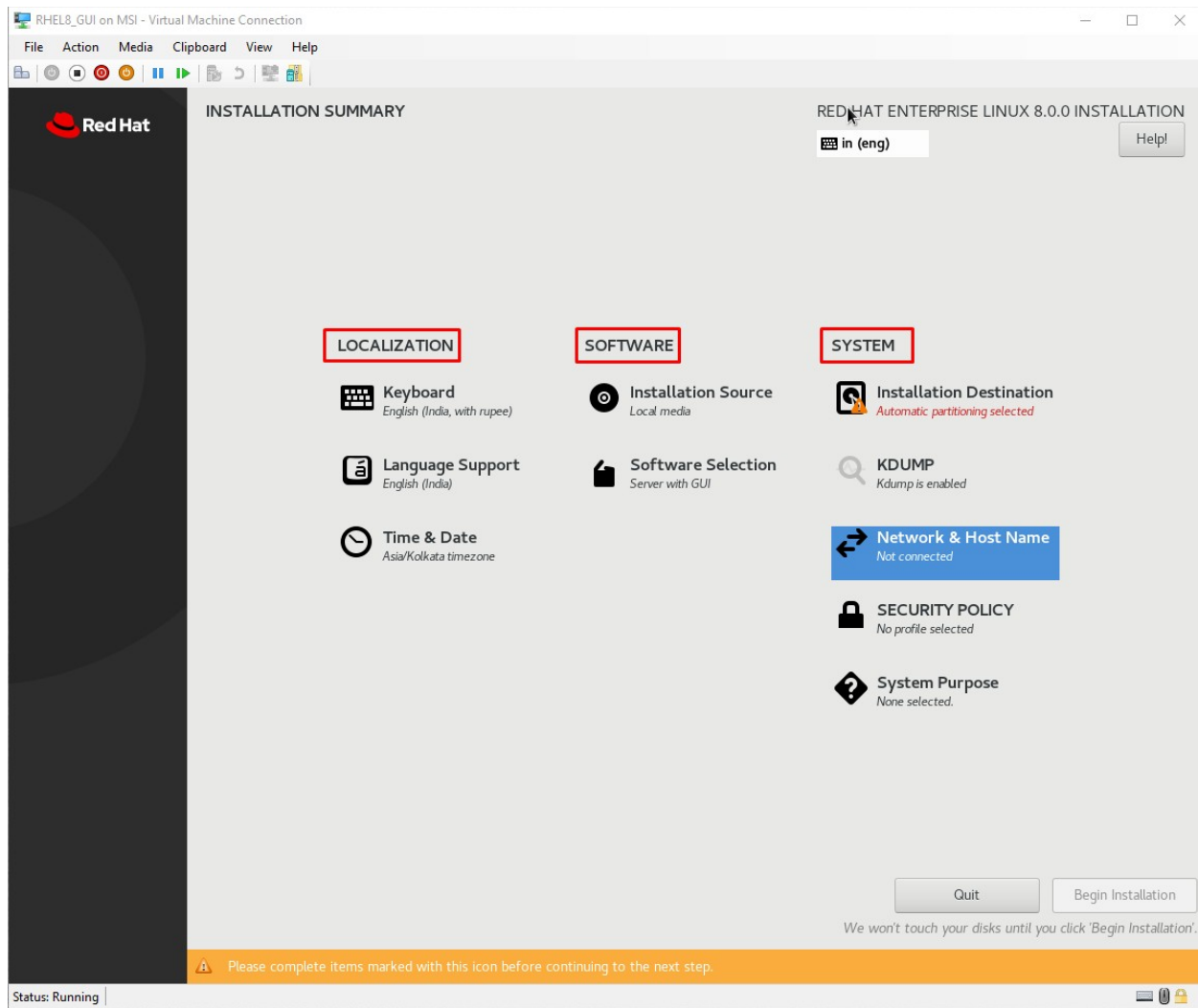
[ 4.106631] dracut-pre-udev[512]: modprobe: FATAL: Module floppy not found in
directory /lib/modules/4.18.0-80.el8.x86_64
[ OK ] Started Forward Password Requests to Plymouth Directory Watch.
[ OK ] Reached target Local Encrypted Volumes.
[ OK ] Reached target Paths.
[ OK ] Started udev Wait for Complete Device Initialization.
Starting Device-Mapper Multipath Device Controller...
[ OK ] Started Device-Mapper Multipath Device Controller.
Starting Open-iSCSI...
[ OK ] Reached target Local File Systems (Pre).
[ OK ] Reached target Local File Systems.
Starting Create Volatile Files and Directories...
[ OK ] Started Open-iSCSI.
Starting dracut initqueue hook...
[ OK ] Started Create Volatile Files and Directories.
[ OK ] Reached target System Initialization.
[ OK ] Reached target Basic System.
[ 5.864346] dracut-initqueue[943]: mount: /run/install/repo: WARNING: device write-protected, mounted read-only.
[ OK ] Started Forward Password Requests to Plymouth Directory Watch.
[ OK ] Reached target Local Encrypted Volumes.
[ OK ] Reached target Paths.
[ OK ] Started udev Wait for Complete Device Initialization.
Starting Device-Mapper Multipath Device Controller...
[ OK ] Started Device-Mapper Multipath Device Controller.
Starting Open-iSCSI...
[ OK ] Reached target Local File Systems (Pre).
[ OK ] Reached target Local File Systems.
Starting Create Volatile Files and Directories...
[ OK ] Started Open-iSCSI.
Starting dracut initqueue hook...
[ OK ] Started Create Volatile Files and Directories.
[ OK ] Reached target System Initialization.
[ OK ] Reached target Basic System.
[ 5.864346] dracut-initqueue[943]: mount: /run/install/repo: WARNING: device write-protected, mounted read-only.
[ OK ] Created slice system-checkisomd5.slice.
Starting Media check on /dev/sr0...
/dev/sr0: cc506eb4dc31c54a8e68f36149ff0bd6
Fragment sums: abecfb477136ae3b2137dc466a976db9b25aaf63fa5ed3f282befee2e294
Fragment count: 20
Supported ISO: yes
Press [Esc] to abort check.
Checking: 000.4%_

Status: Running
```

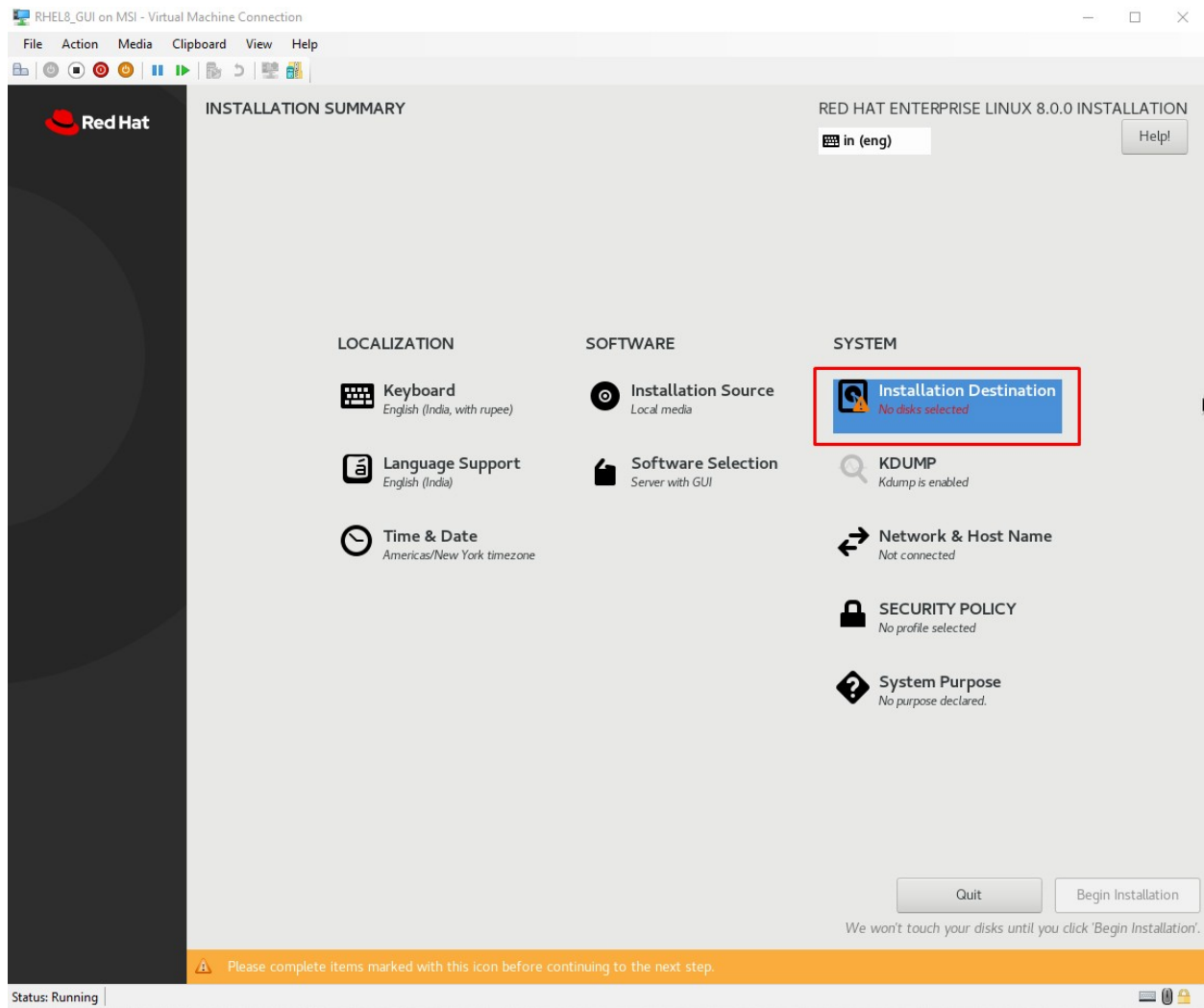
STEP 4: Select your language & region (according to your requirements). After that, Click on **Continue**.



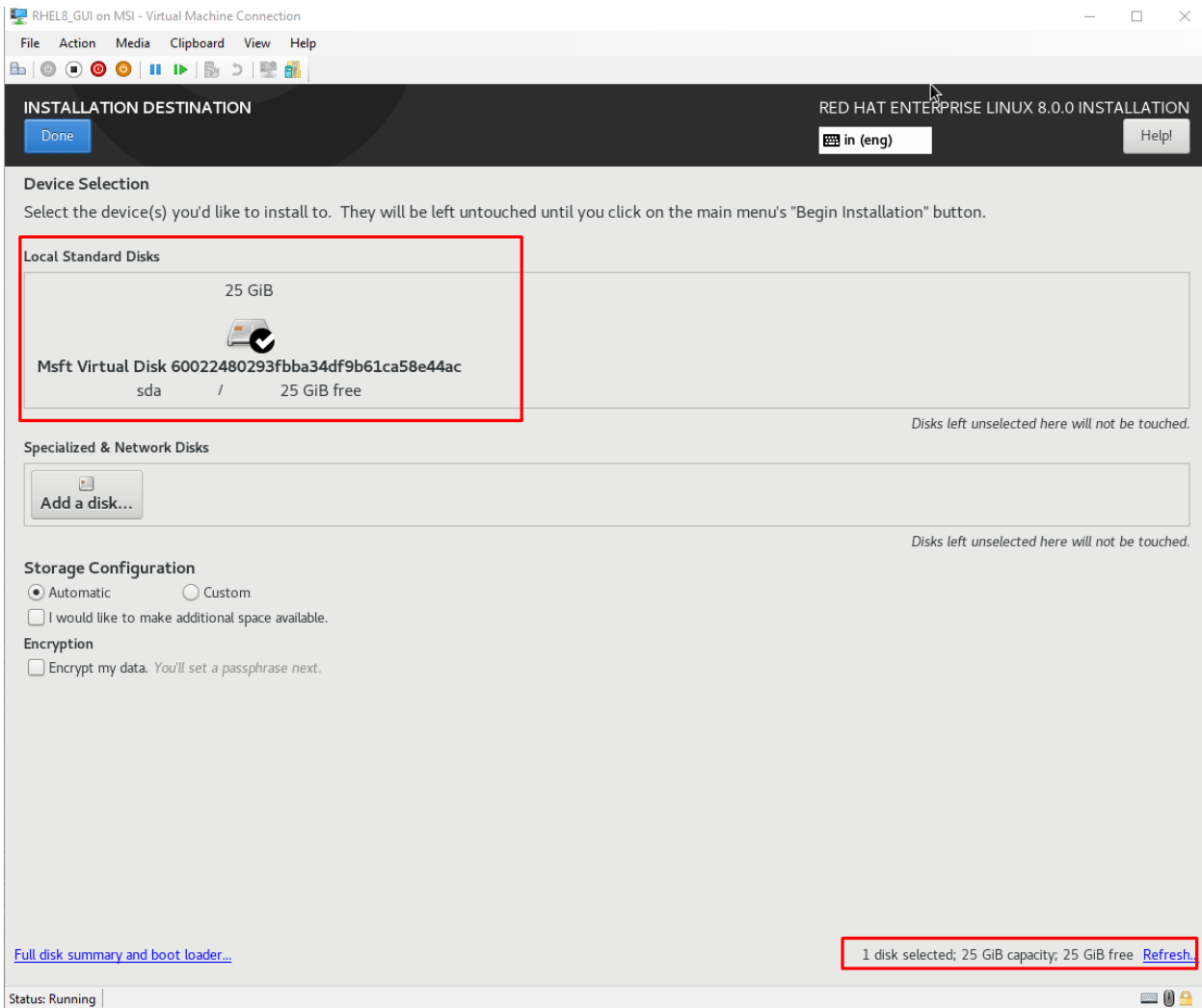
STEP 5: After clicking on **Continue** button, there are 3 main columns you can see i.e., **LOCALIZATION**, **SOFTWARE & SYSTEM**.



STEP 6: Under **SYSTEM**, please click on **Installation Destination**.

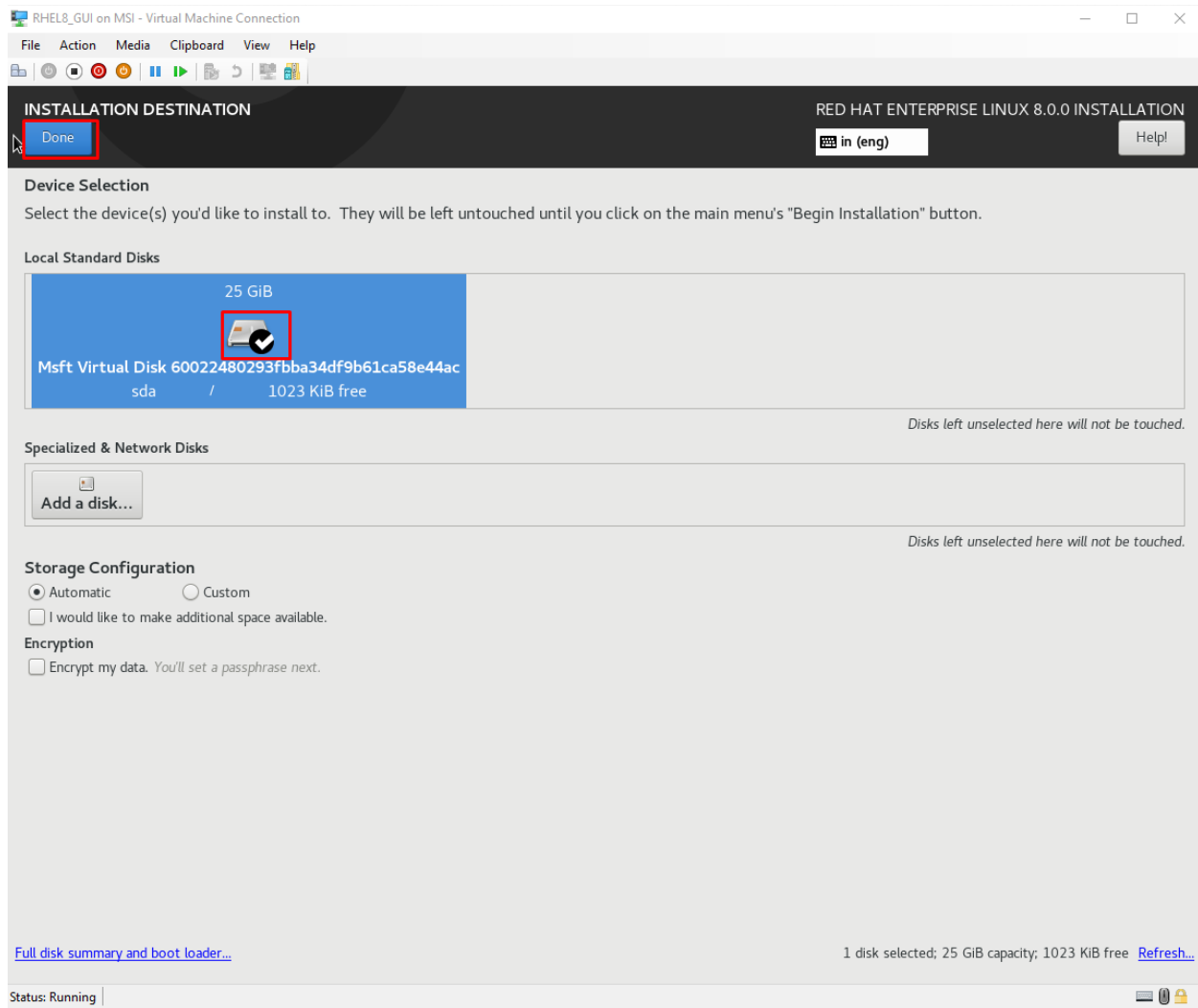


After clicking, you will get this screen.

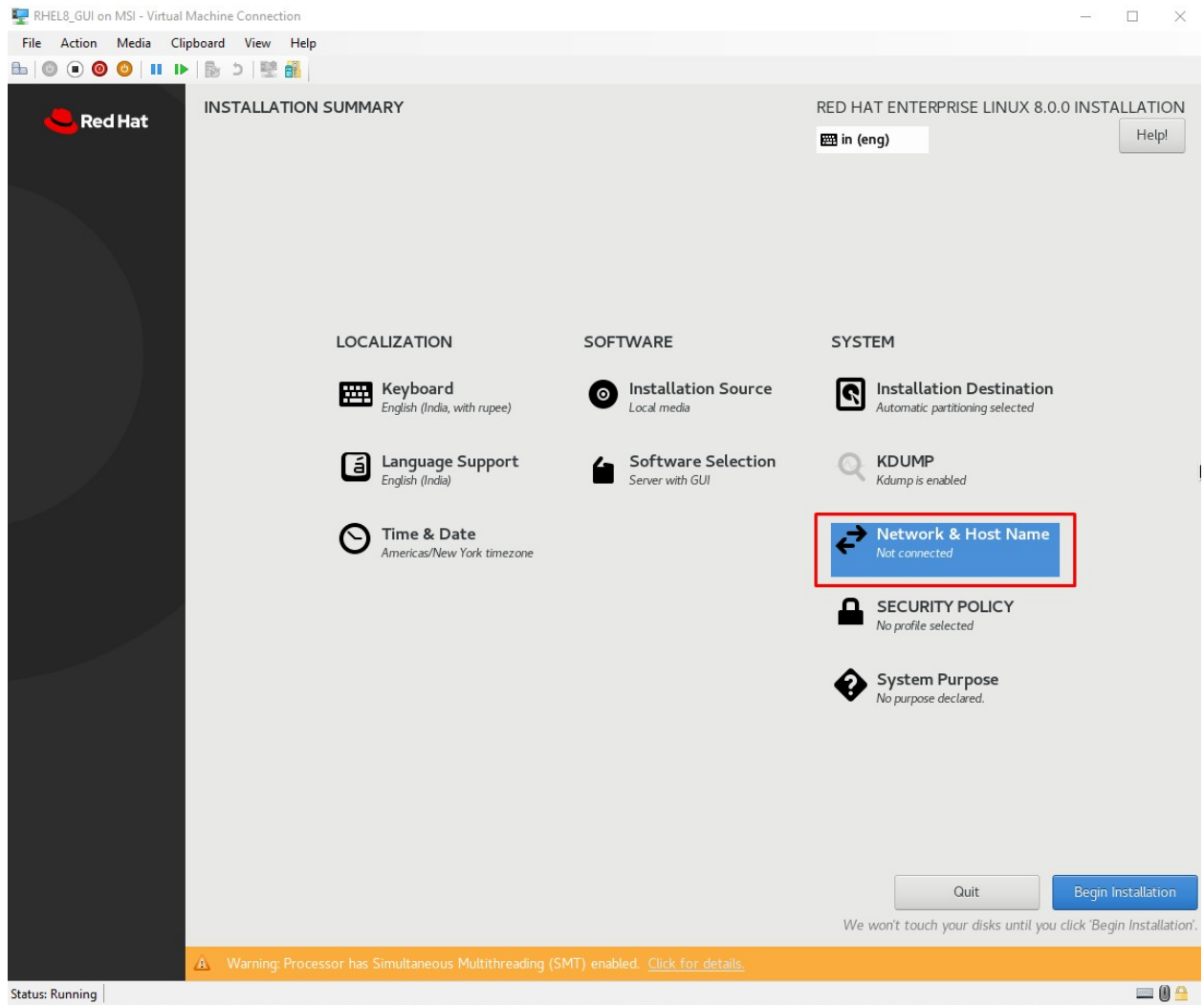


STEP 8: Click on **Local Selected Disks** (Check **BLACK** tick mark on disk) & then click on **Done**.

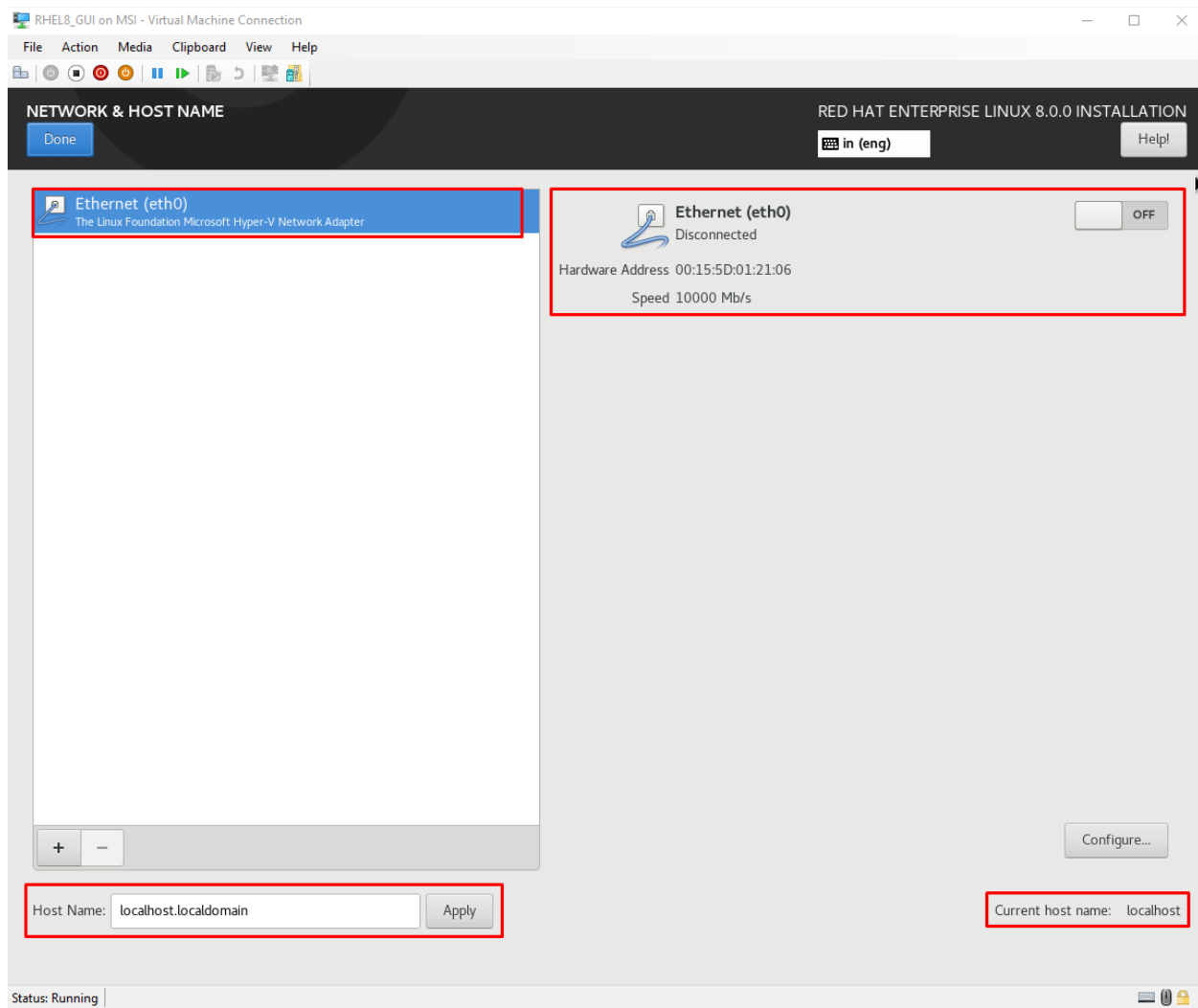




STEP 9: Under **SYSTEM**, please click on **Network & Host Name**.



After clicking, you will get this screen.



STEP 10: Change the Ethernet state from **OFF** -> **ON** & then click on Done.

## NETWORK &amp; HOST NAME

[Done](#)

RED HAT ENTERPRISE LINUX 8.0.0 INSTALLATION

in (eng)

[Help!](#)**Ethernet (eth0)**  
The Linux Foundation Microsoft Hyper-V Network Adapter**Ethernet (eth0)**

Connected

Hardware Address 00:15:5D:01:21:06

Speed 10000 Mb/s

IP Address 172.24.51.44/20

Default Route 172.24.48.1

DNS 172.24.48.1

[ON](#)

+

-

[Configure...](#)

Host Name: localhost.localdomain

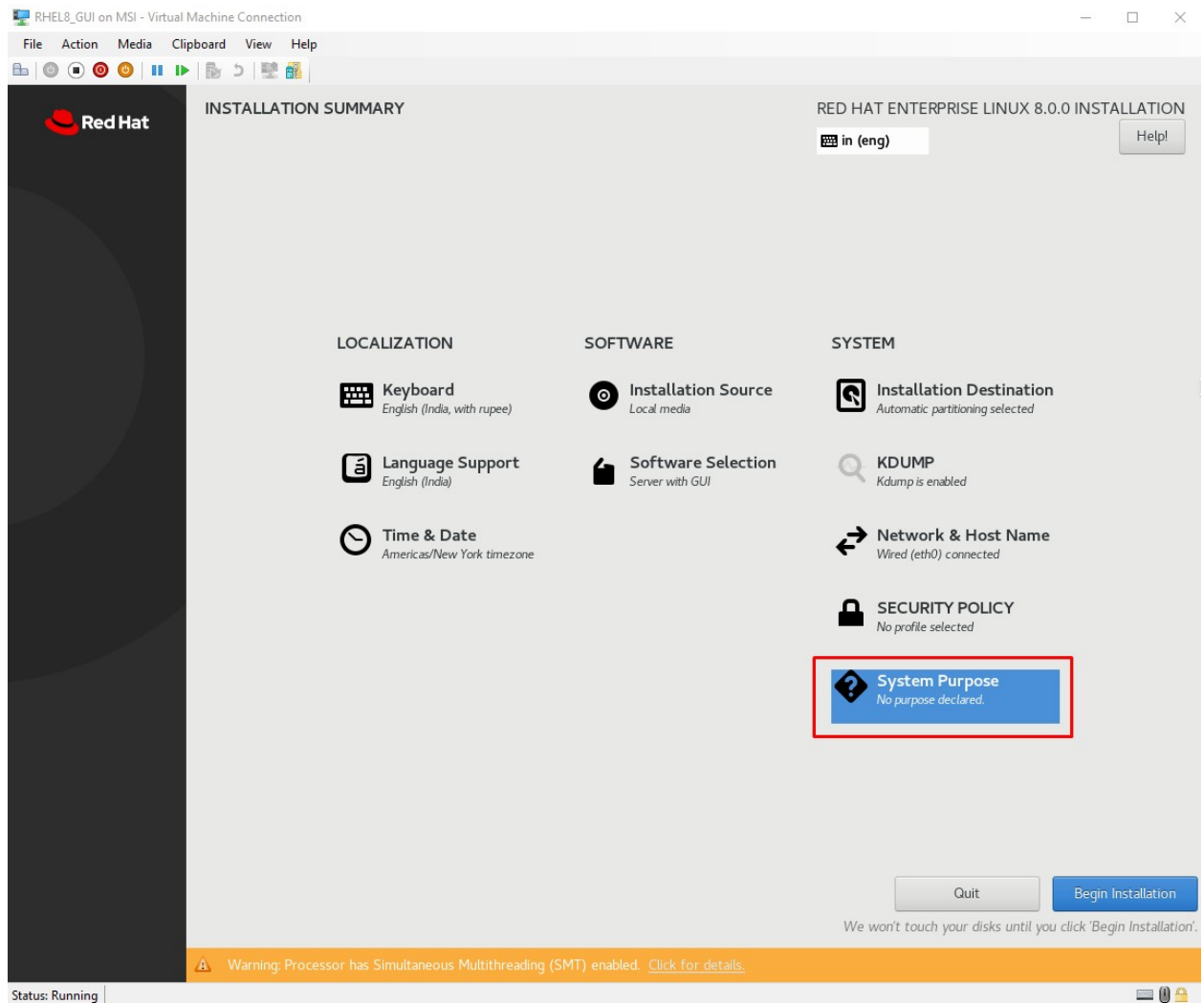
[Apply](#)

Current host name: localhost.localdomain

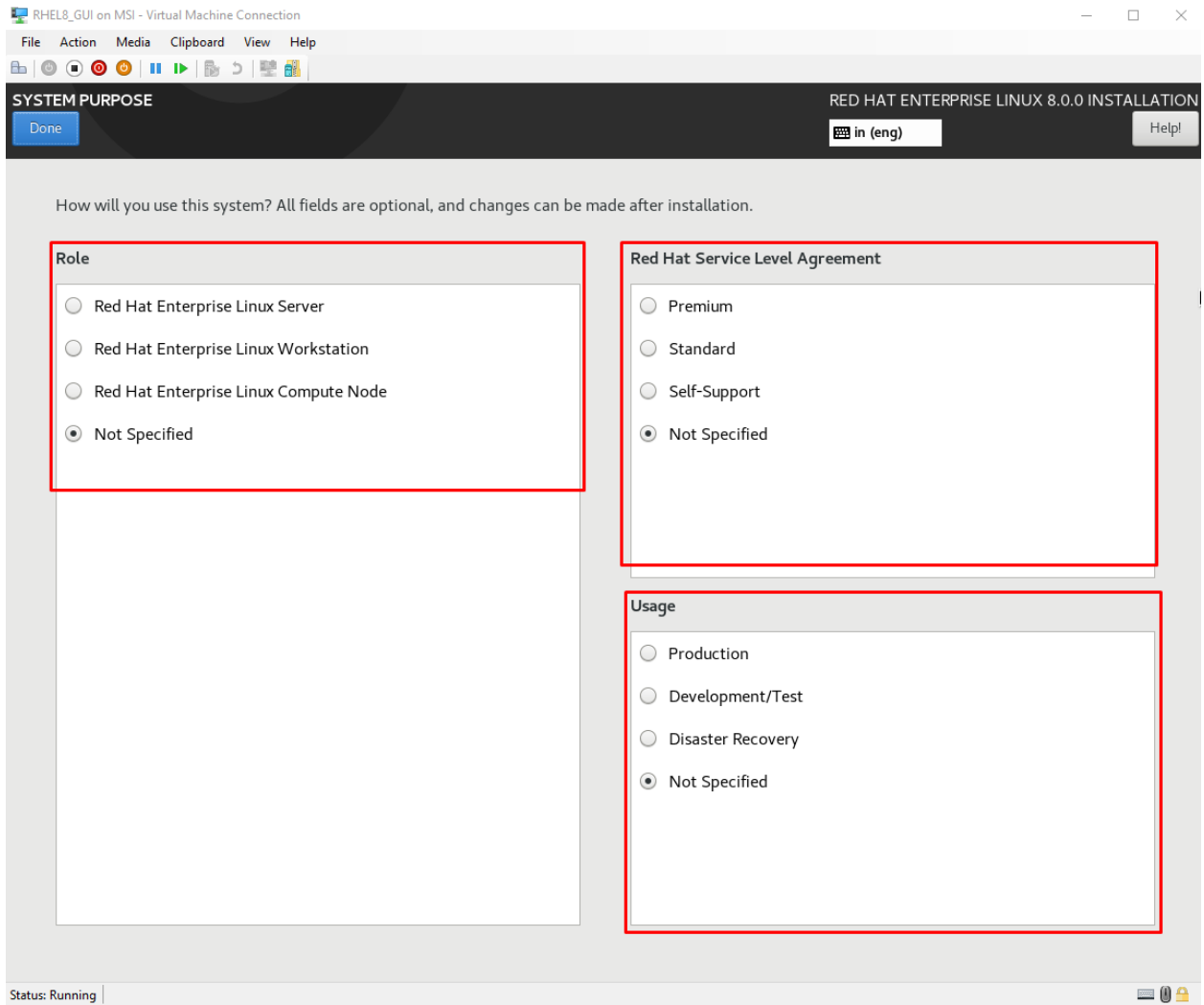
Status: Running



STEP 11: Under **SYSTEM**, please click on **System Purpose**.



After clicking, you will get this screen.



**\*NOTE: THIS is NOT MANDATORY TO SET\_UP!!!**

## SYSTEM PURPOSE

[Done](#)

RED HAT ENTERPRISE LINUX 8.0.0 INSTALLATION

In (eng)

[Help!](#)

How will you use this system? All fields are optional, and changes can be made after installation.

## Role

- ☐ Red Hat Enterprise Linux Server
- ☒ Red Hat Enterprise Linux Workstation
- ☐ Red Hat Enterprise Linux Compute Node
- ☐ Not Specified

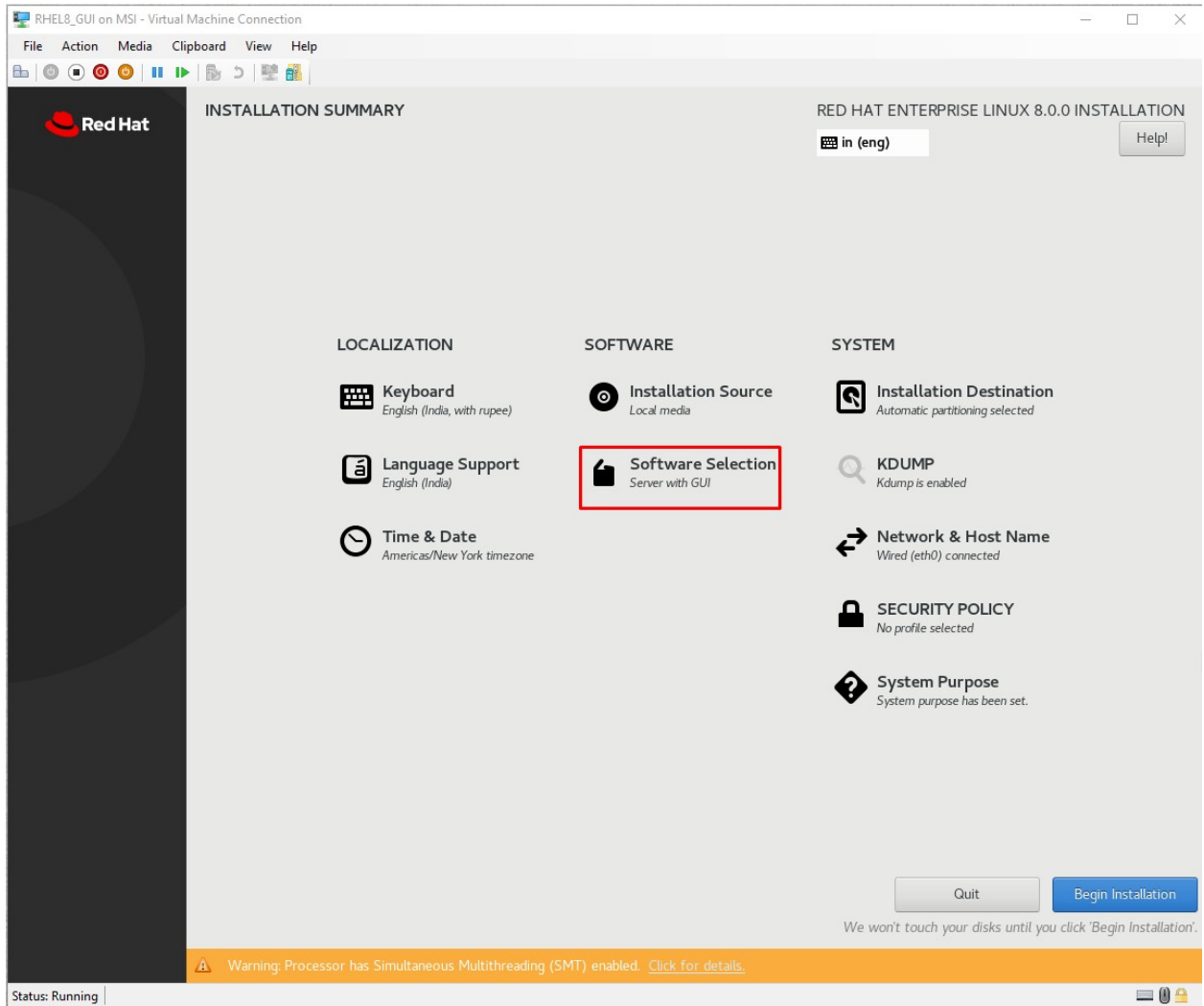
## Red Hat Service Level Agreement

- ☐ Premium
- ☐ Standard
- ☐ Self-Support
- ☒ Not Specified

## Usage

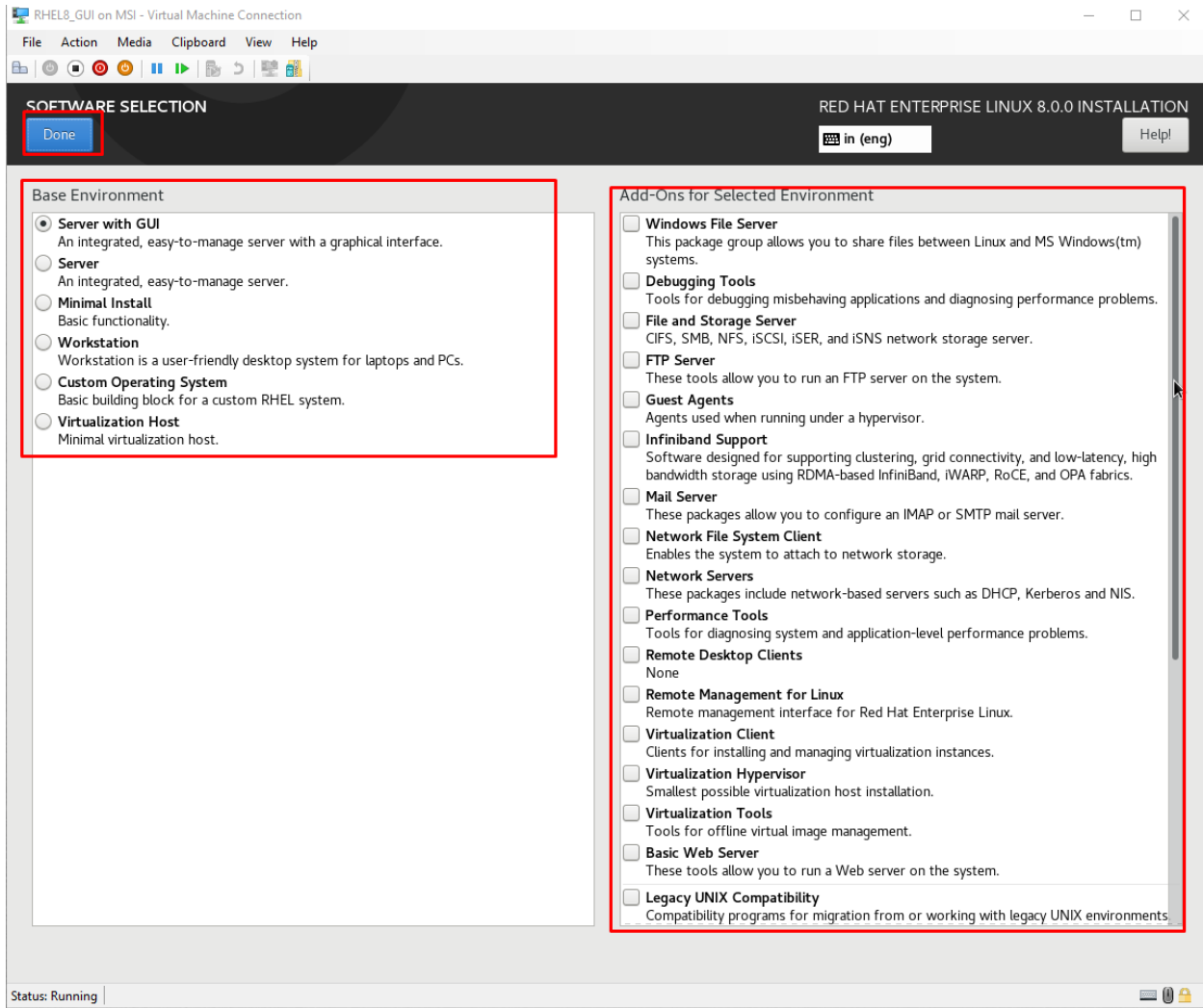
- ☐ Production
- ☒ Development/Test
- ☐ Disaster Recovery
- ☐ Not Specified

STEP 12: Under **SOFTWARE**, please click on **System Purpose**.

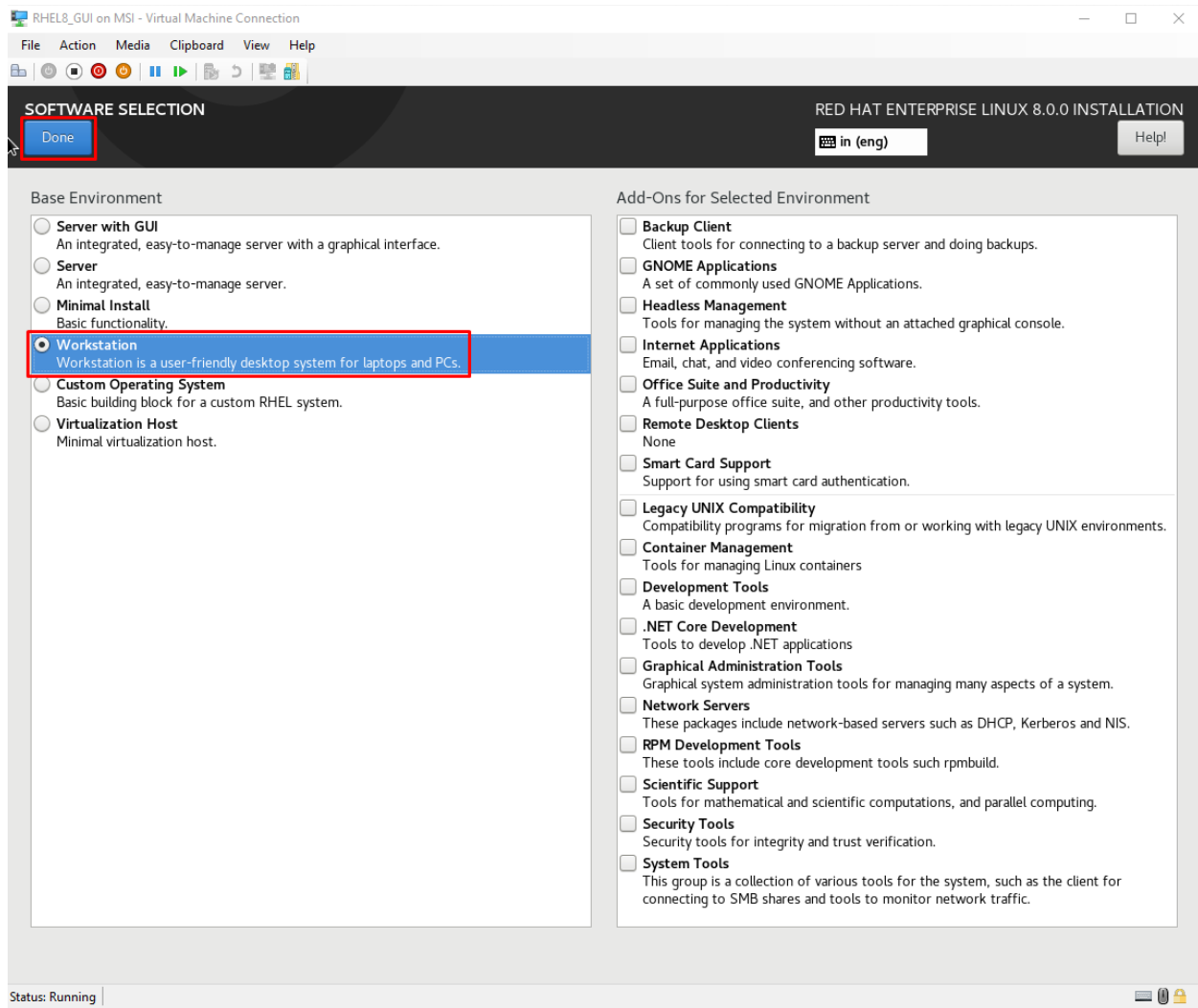


After clicking, you will get this screen.

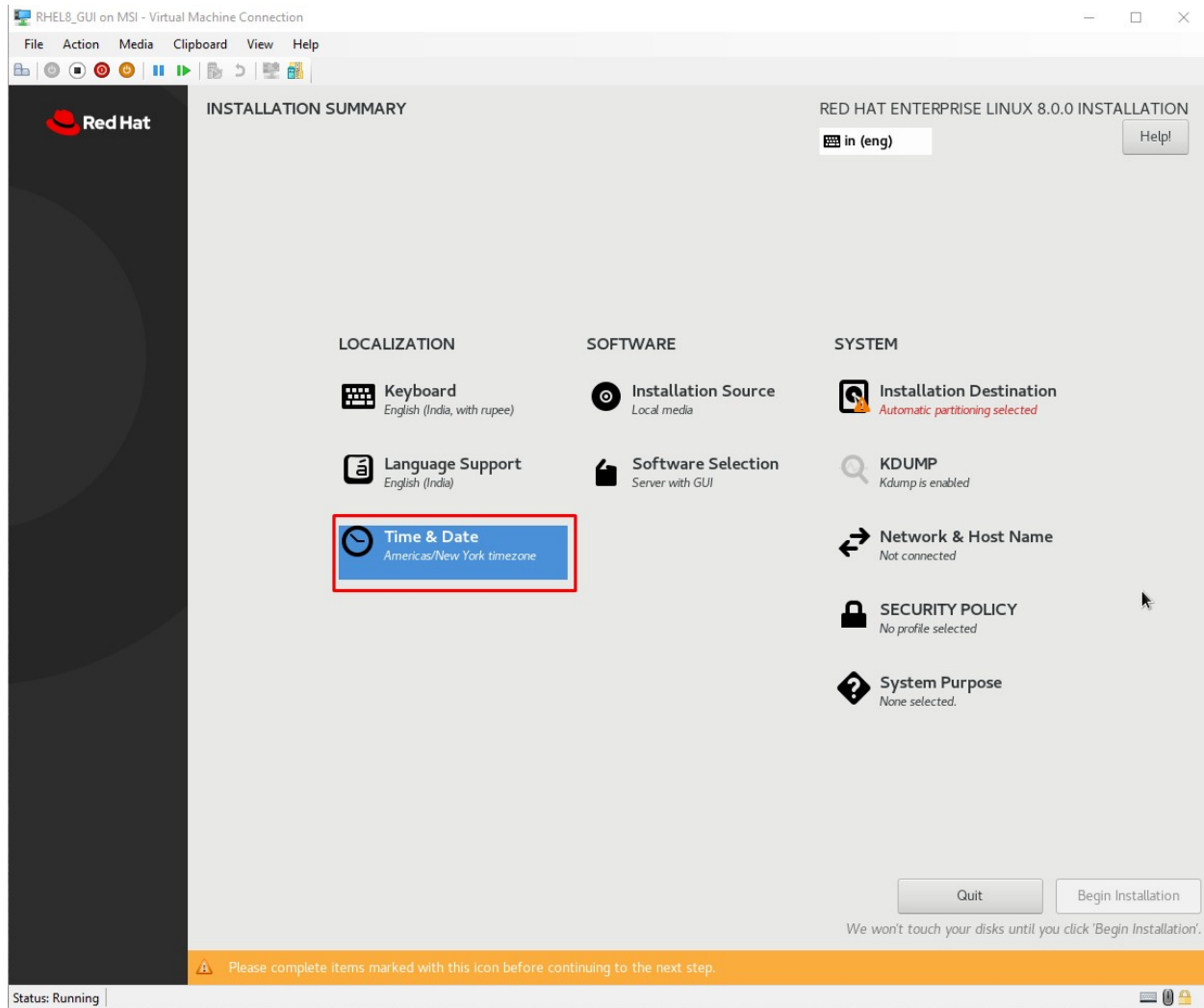




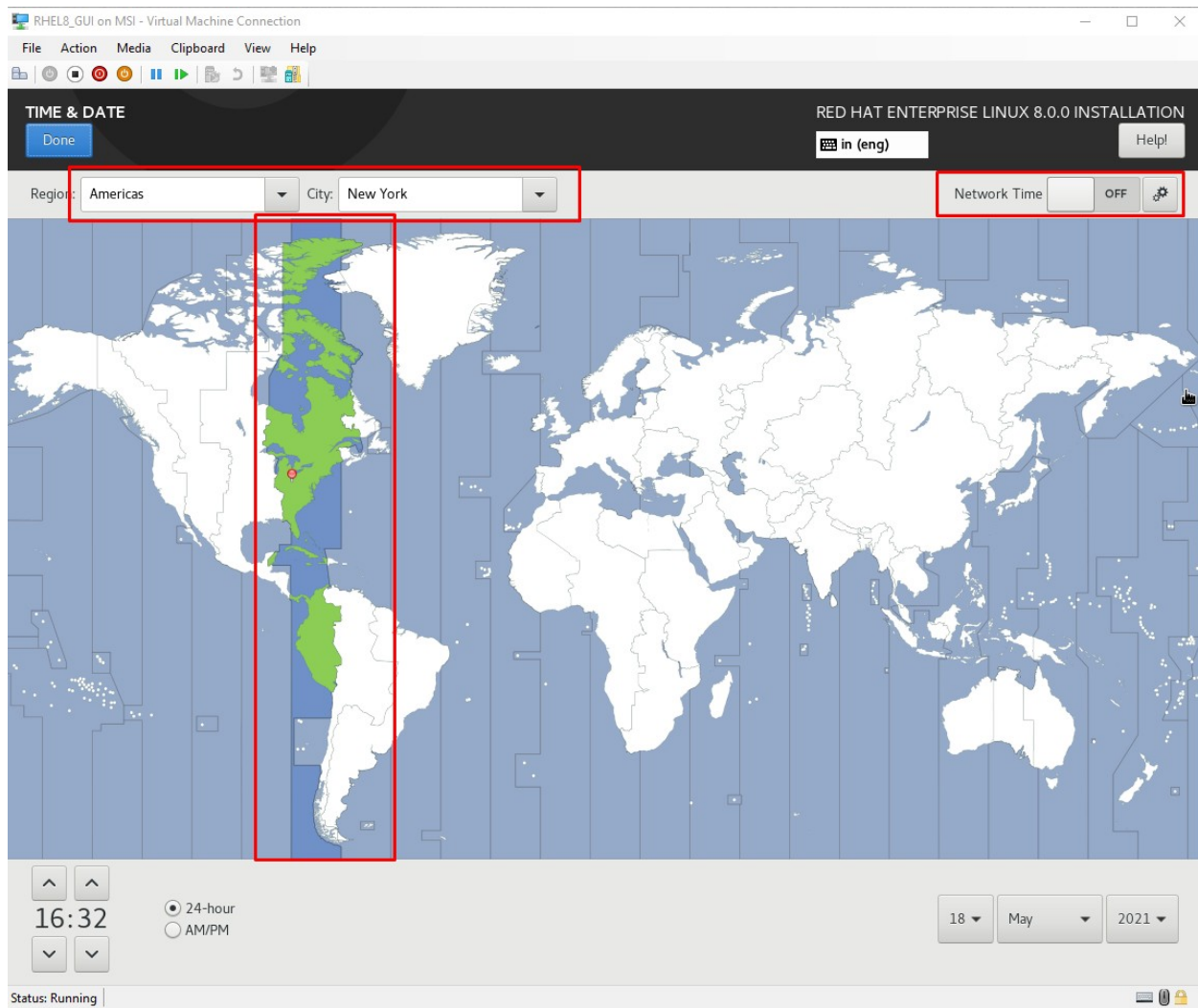
STEP 13: Click on **Workstation** & then click on **Done**.



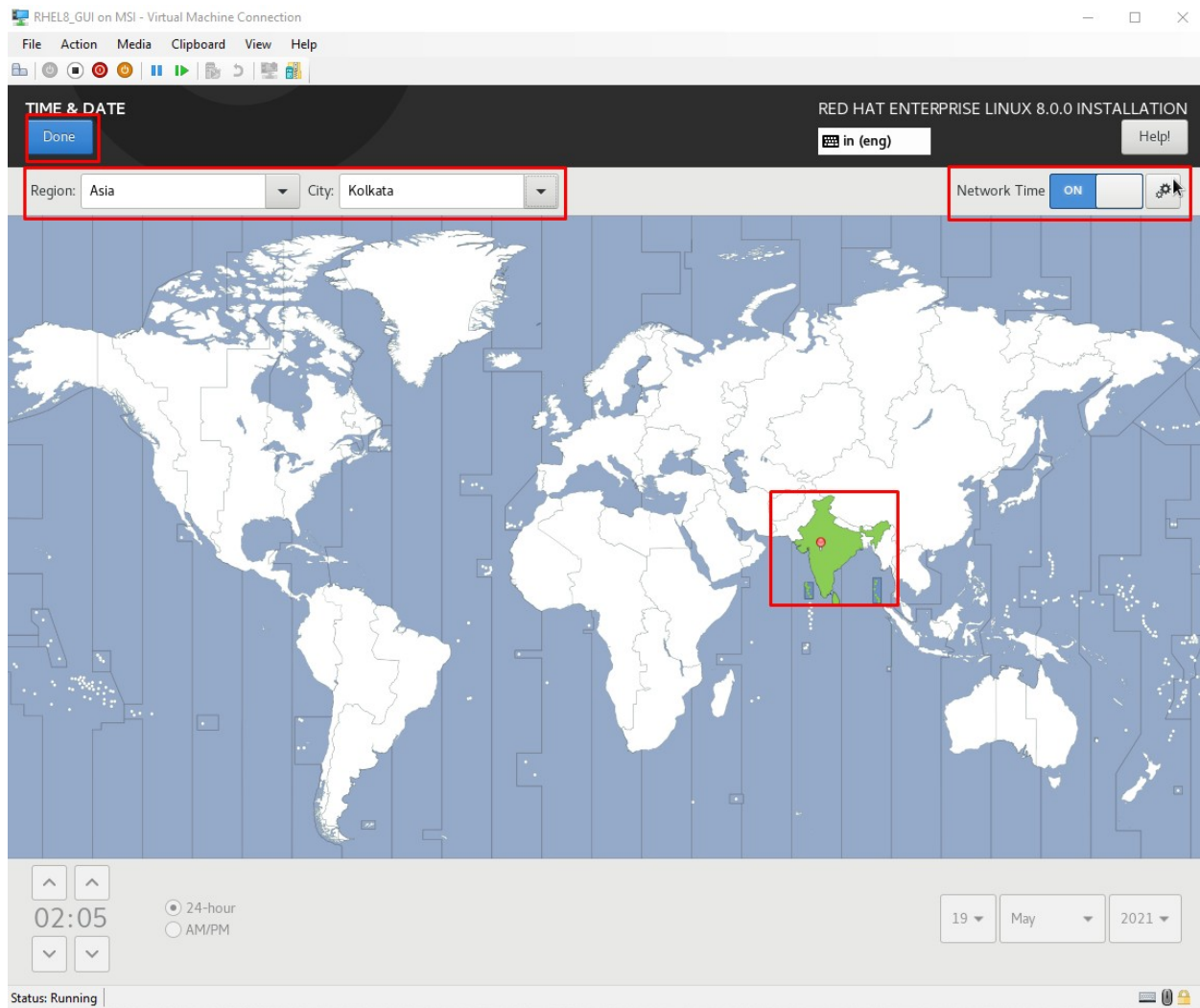
STEP 14: Under **LOCALIZATION**, please click on **Time & Date**.



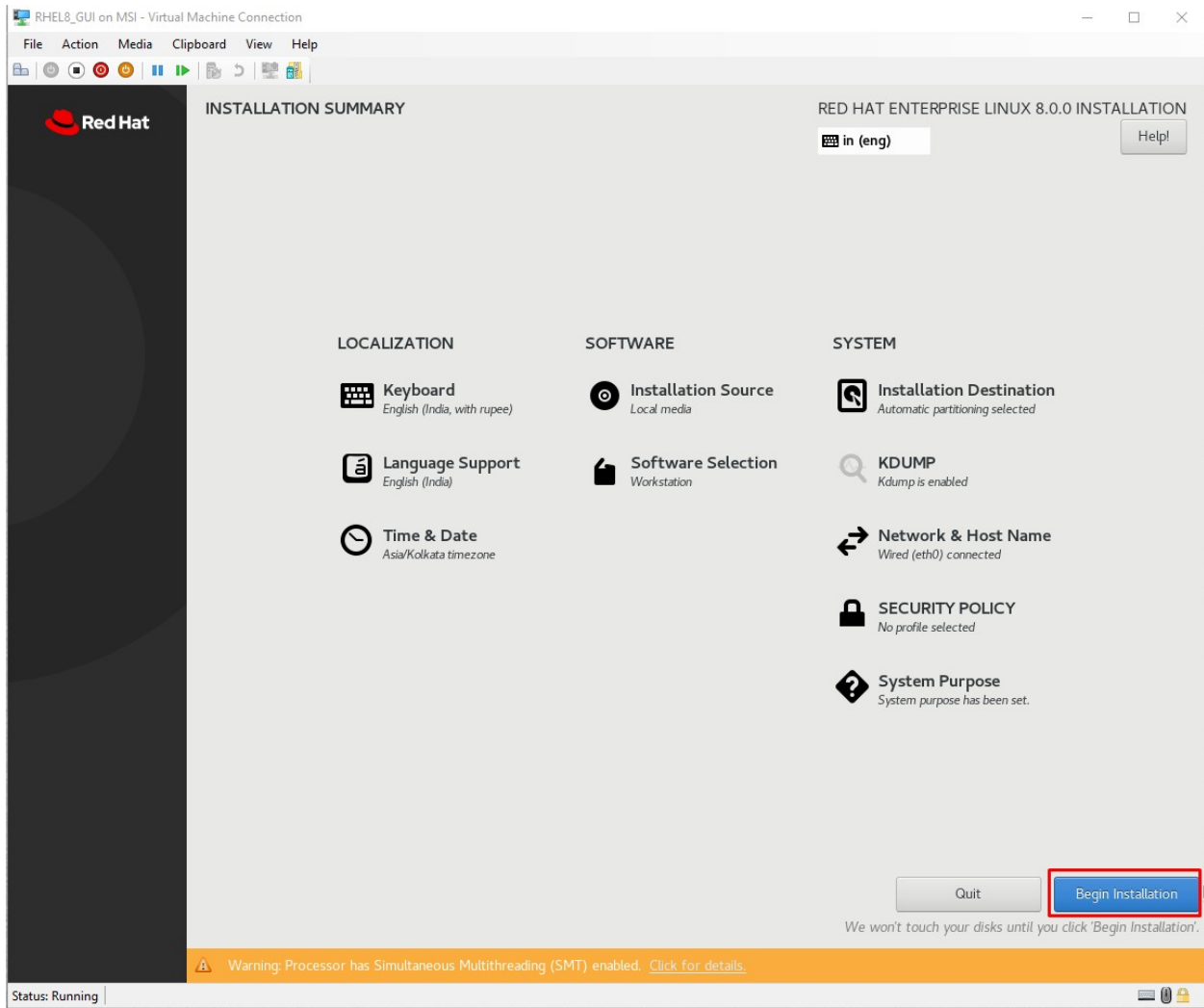
After clicking, you will get this screen.



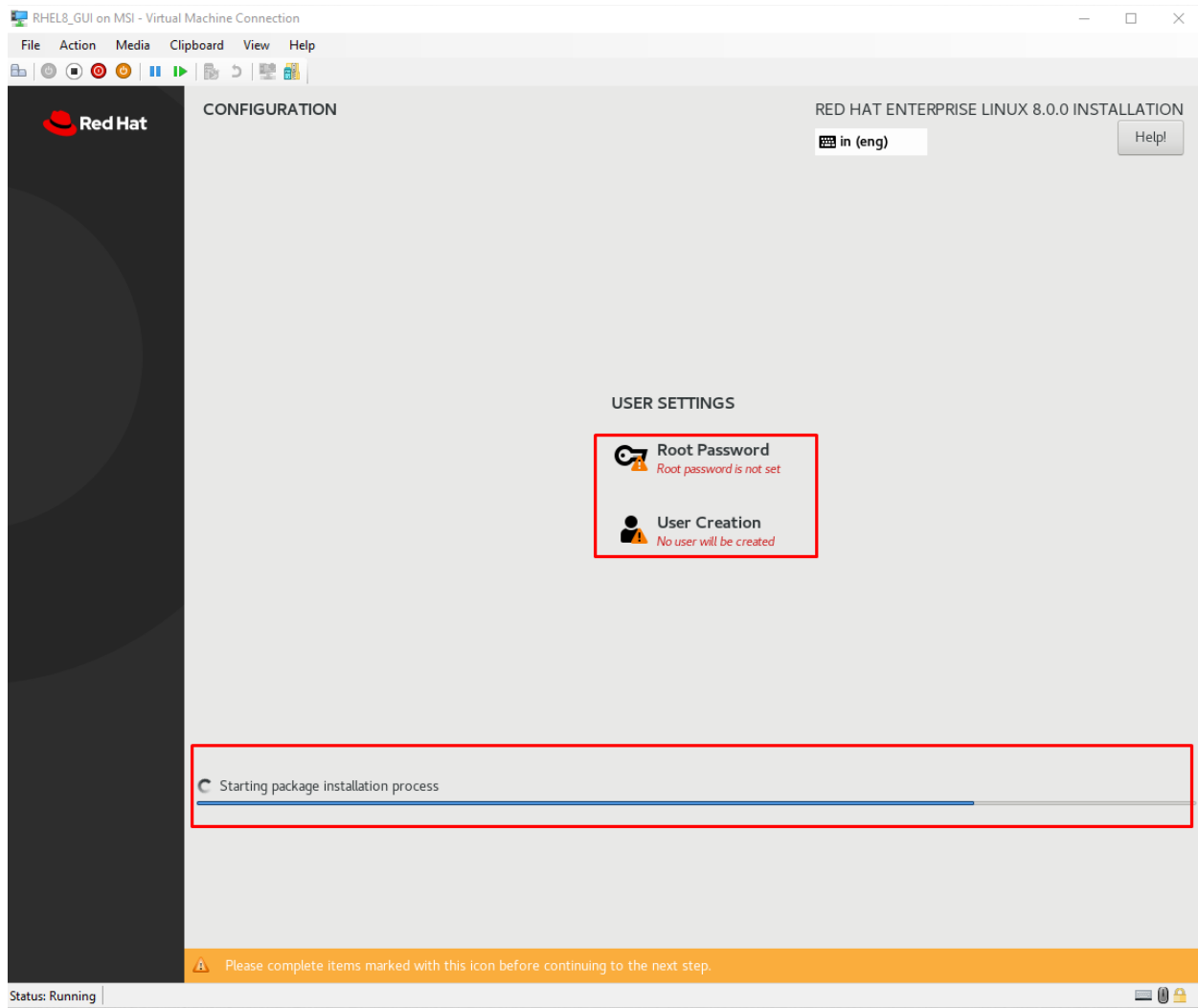
STEP 15: Now please select correct **TIME ZONE** from which you belong to plus which **DATE FORMAT** you want to use (In my case, it is **INDIA**). Also, Change the Network Time form **OFF** -> **ON** & then click on Done.



STEP 16: Finally, now you can click on **Begin Installation**.



After clicking Begin Installation, you will get this screen. It shows that your installation has started.



STEP 17: Under **USER SETTINGS**, please set **Root Password**. So click on it. After clicking on it, you will get this screen

RHEL8\_GUI on MSI - Virtual Machine Connection

File Action Media Clipboard View Help

ROOT PASSWORD

RED HAT ENTERPRISE LINUX 8.0.0 INSTALLATION

Done

in (eng) Help!

The root account is used for administering the system. Enter a password for the root user.

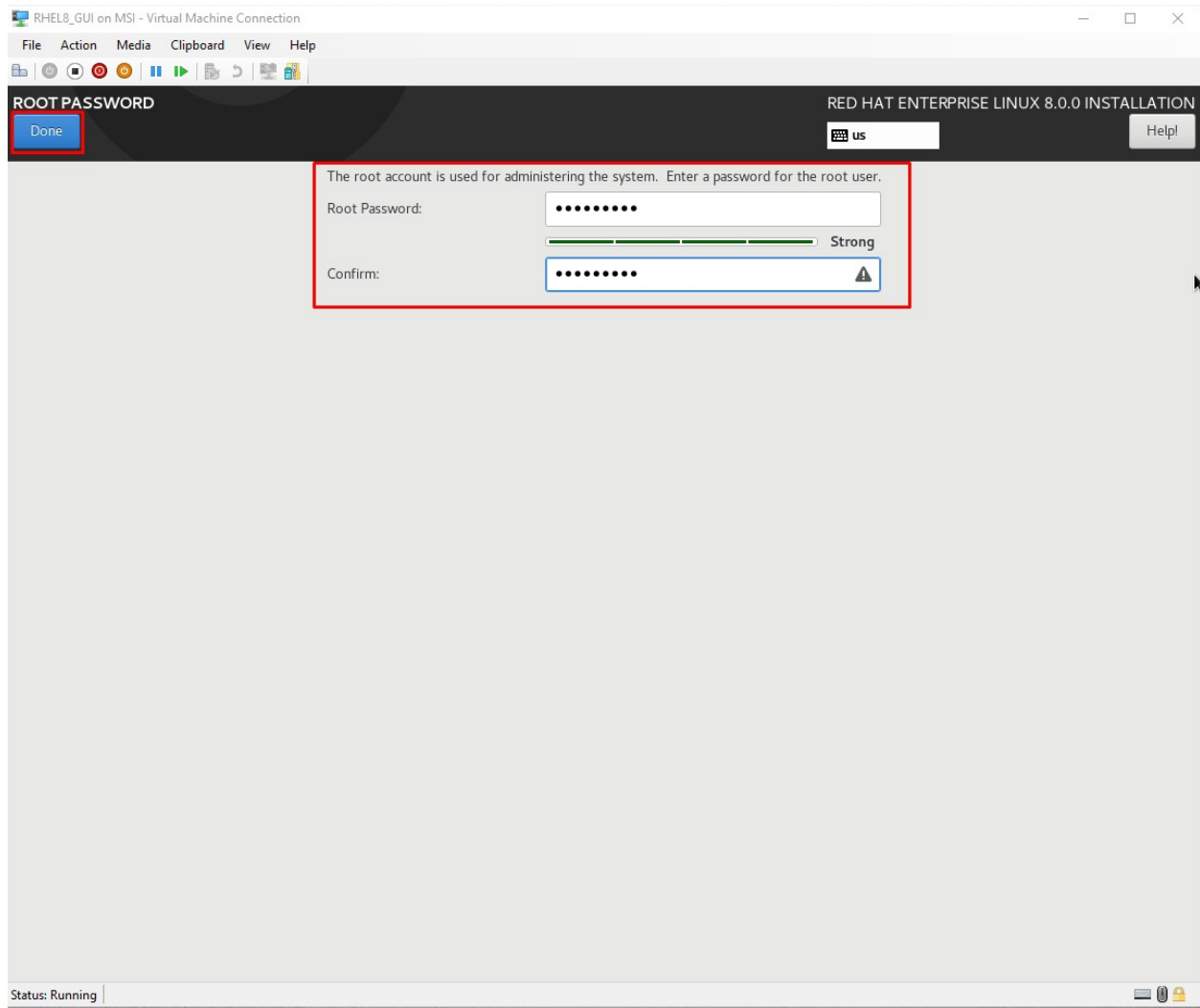
Root Password:

Confirm:

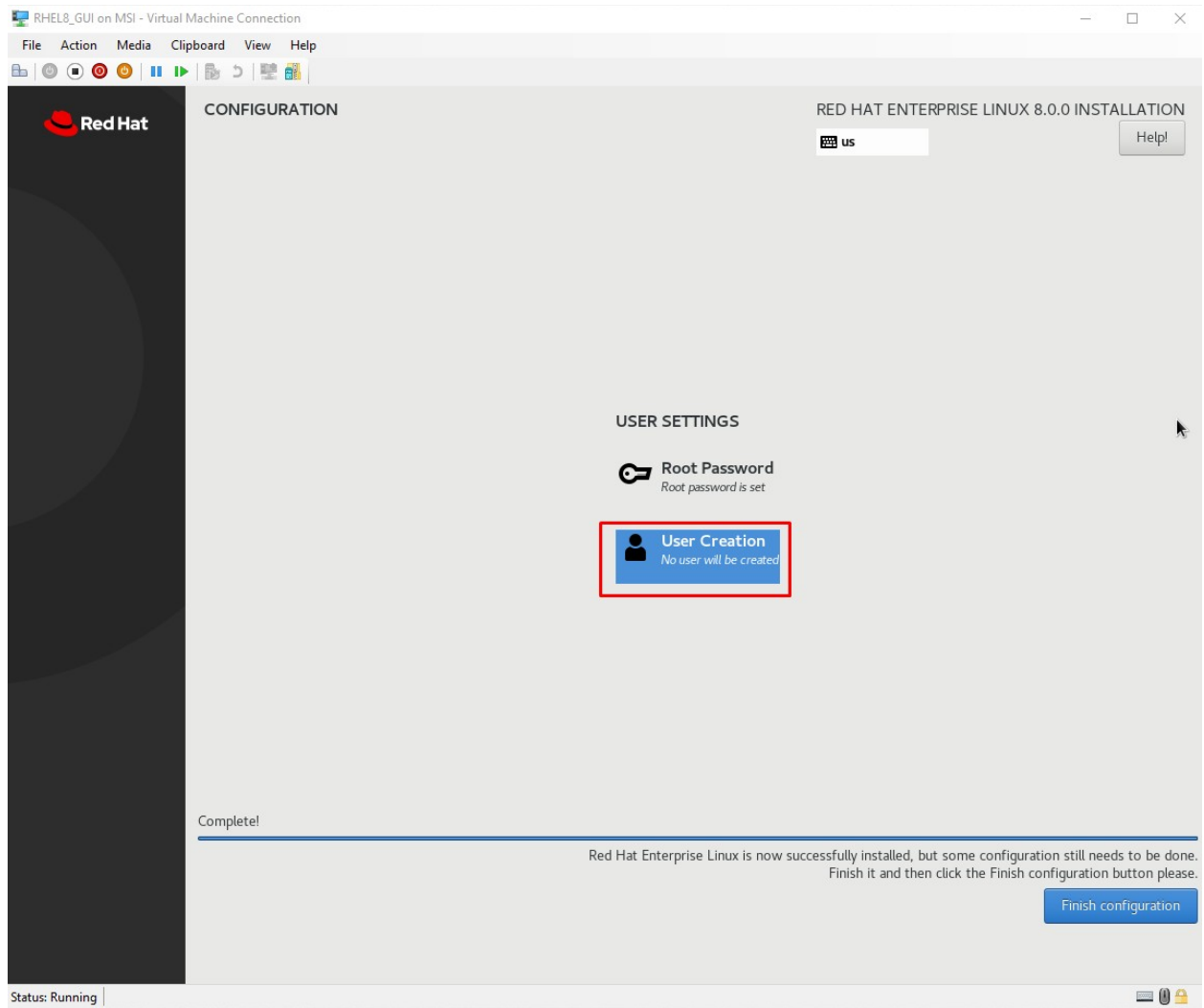
Status: Running

Please fill root password (according to your requirement) **\*\*REMEMBER THIS PASSWORD FOR FUTURE USE.** After then click on **Done**.





STEP 18: Under **USER SETTINGS**, please create a **User**. So, click on **User Creation**.



After clicking on it, you will get this screen. Fill your credentials (according to your requirements) & then click on **Done**.

RHEL8\_GUI on MSI - Virtual Machine Connection

File Action Media Clipboard View Help

CREATE USER RED HAT ENTERPRISE LINUX 8.0.0 INSTALLATION

Done us Help

Full name

User name

Tip: Keep your user name shorter than 32 characters and do not use spaces.

☐ Make this user administrator

☒ Require a password to use this account

Password

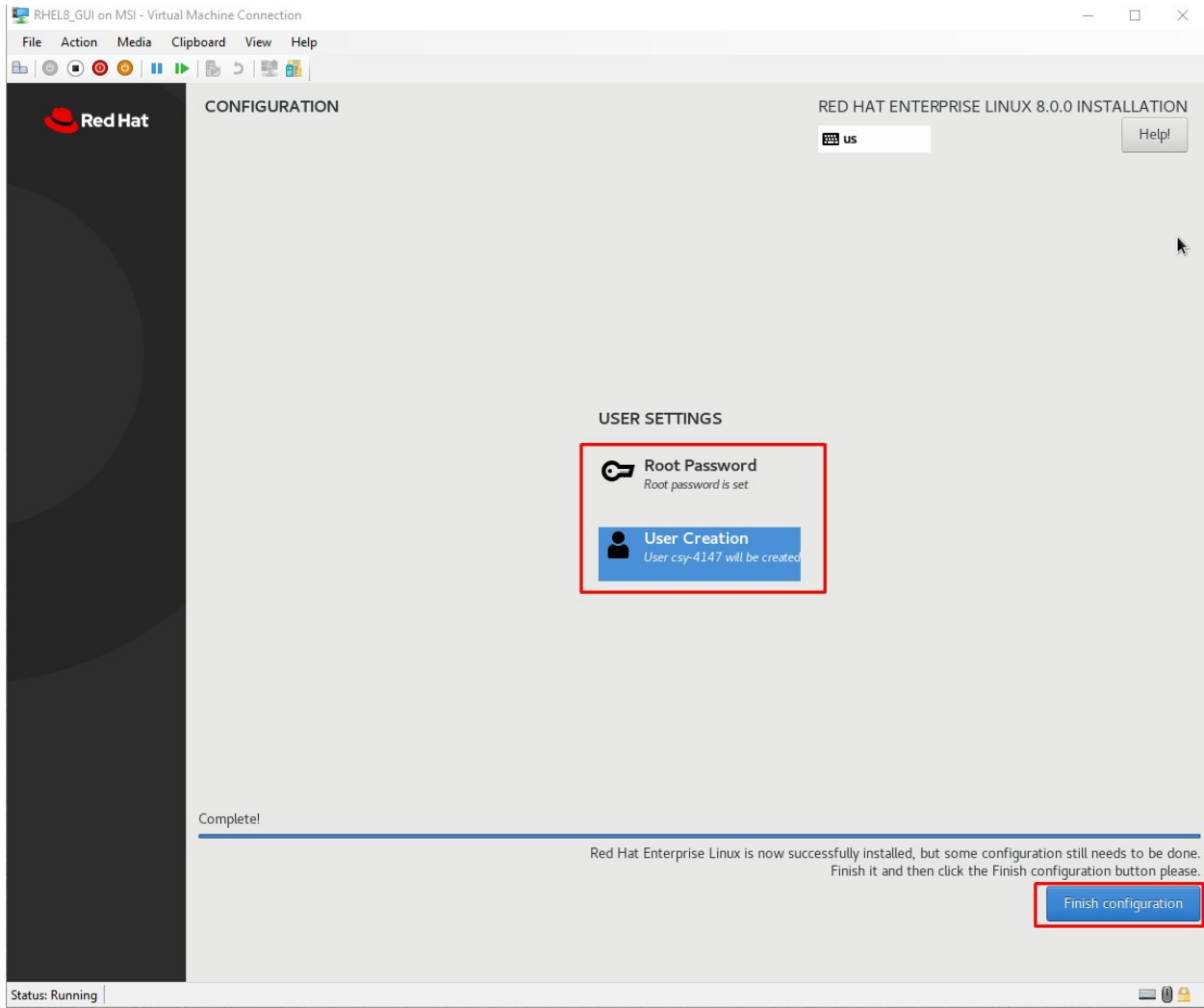
Empty

Confirm password

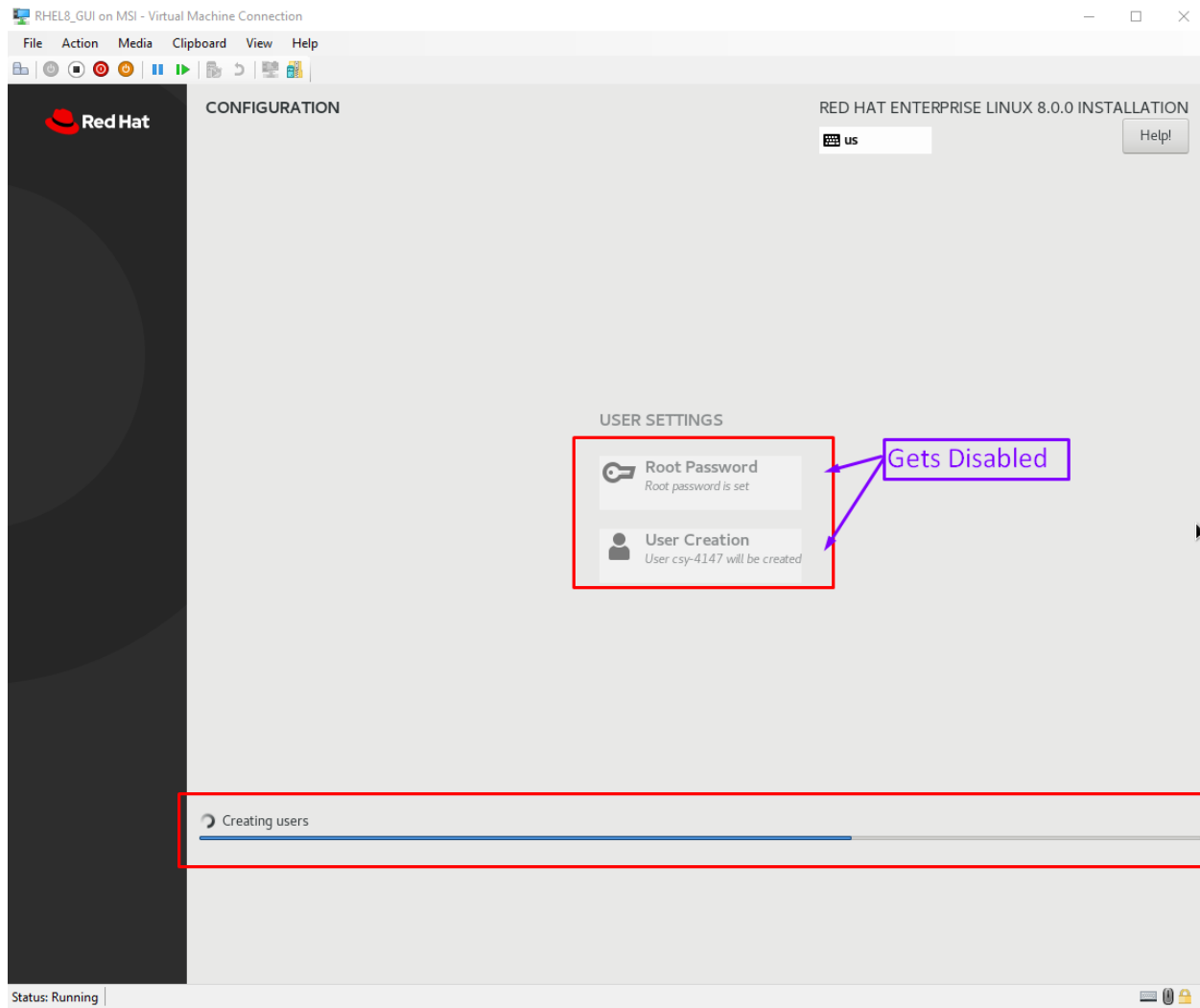
Advanced...

Status: Running

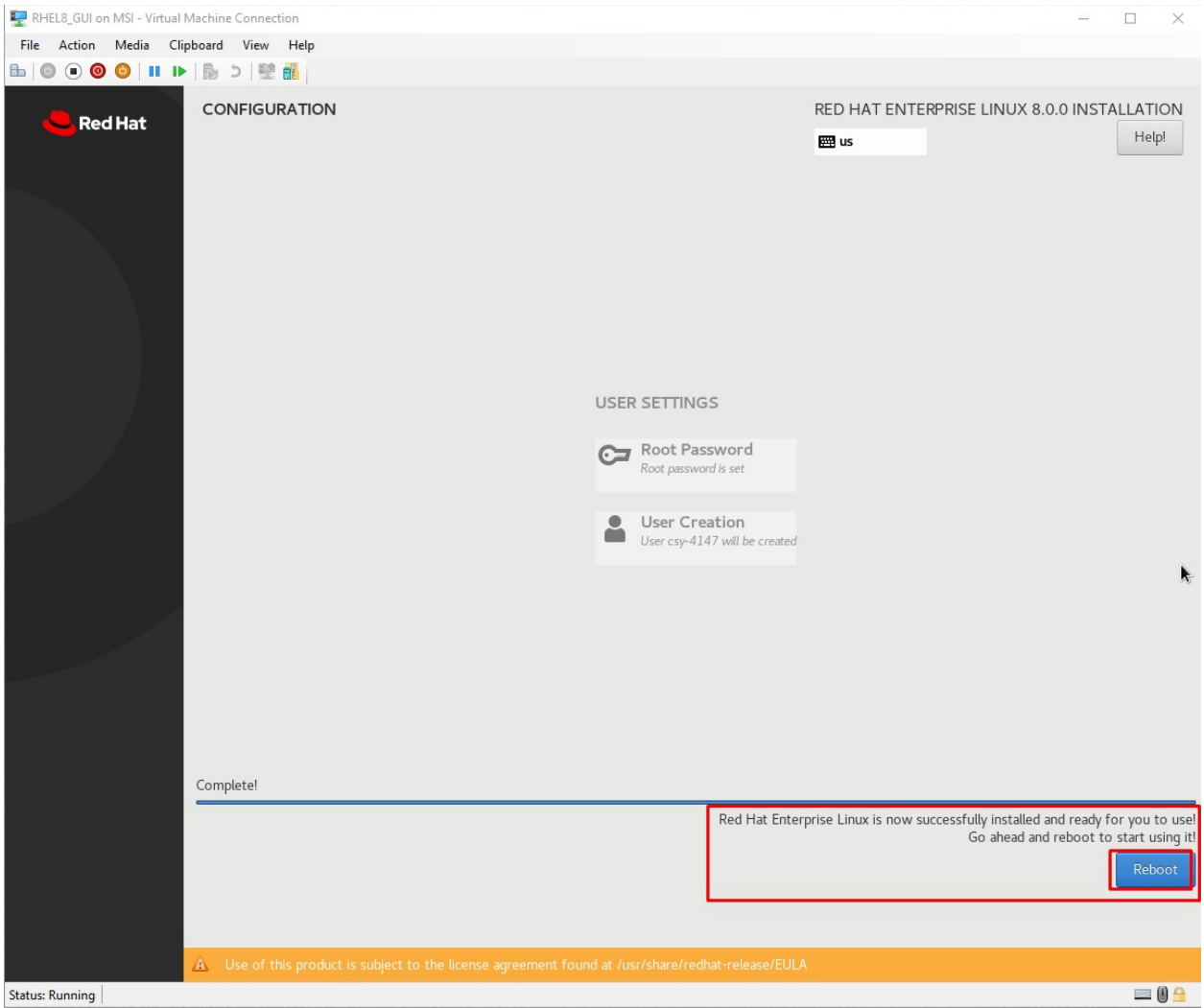
STEP 19: After sometime the configuration of RHEL-8 gets completed. Hence, click on **Finish Configuration**.



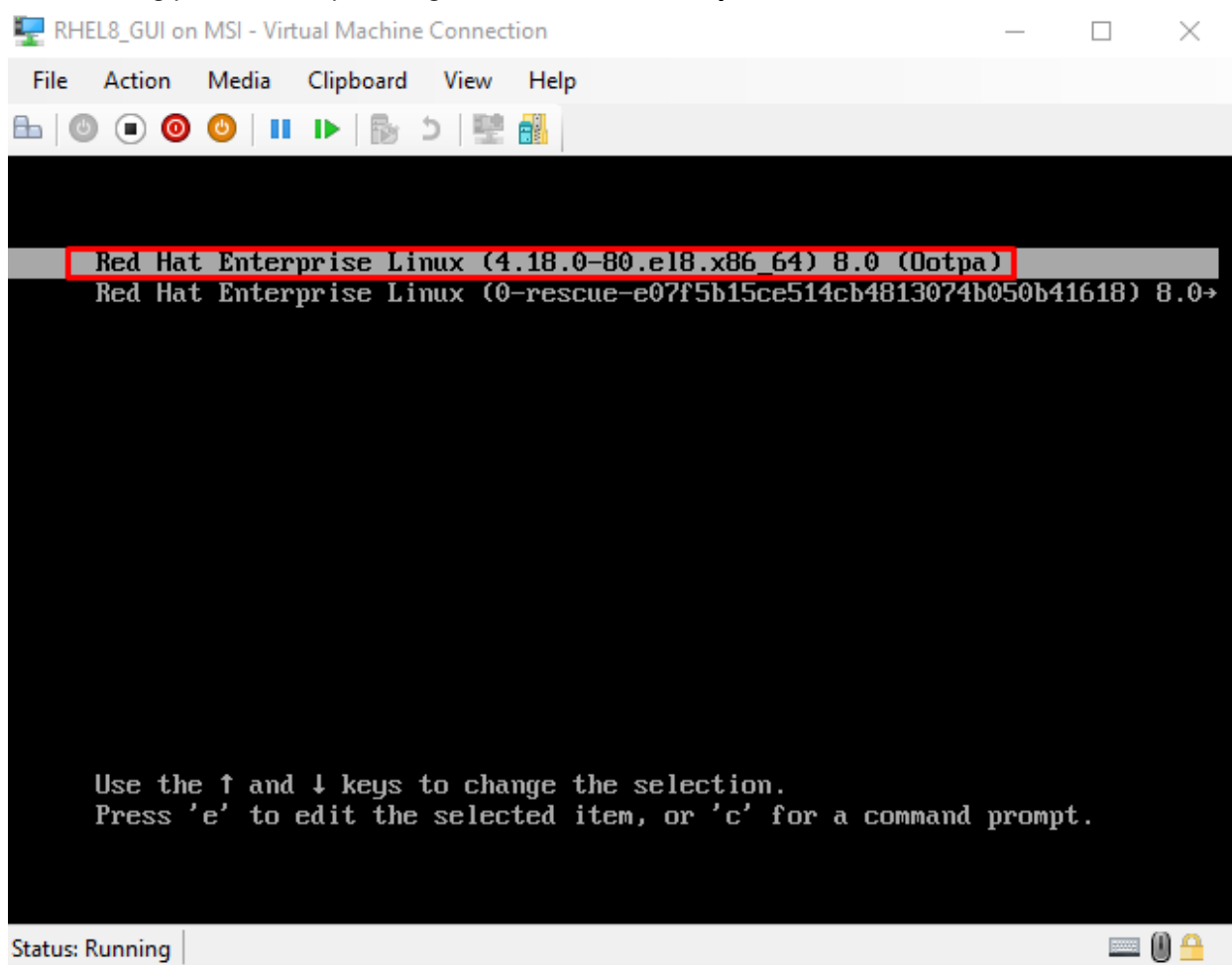
After clicking on Finish Configuration, you will get this window



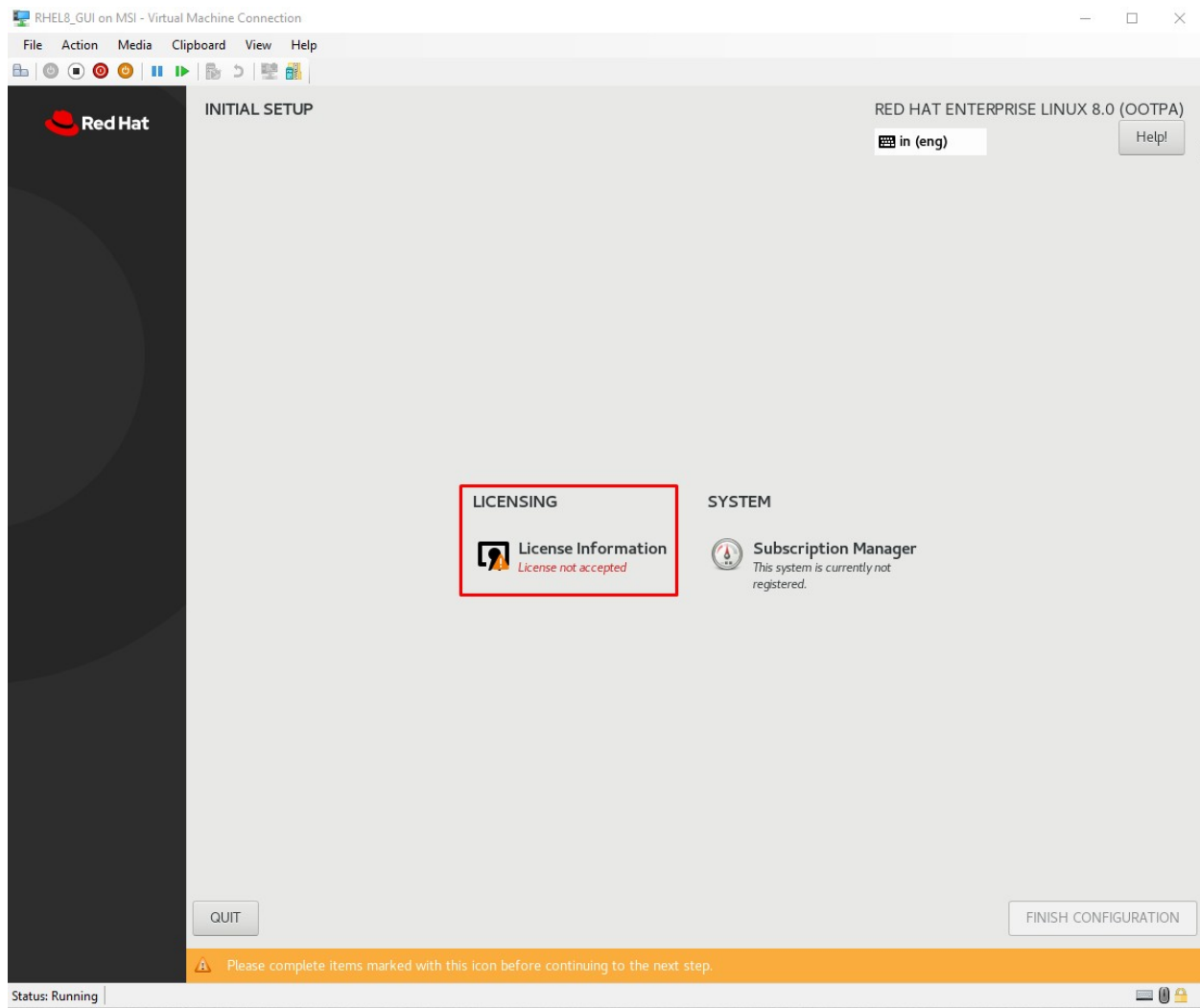
STEP 20: **KUDOS**, your **RHEL-8** installation is successfully completed. Now click on **Reboot**.



After rebooting your RHEL-8, you will get this screen. **Select option 1**

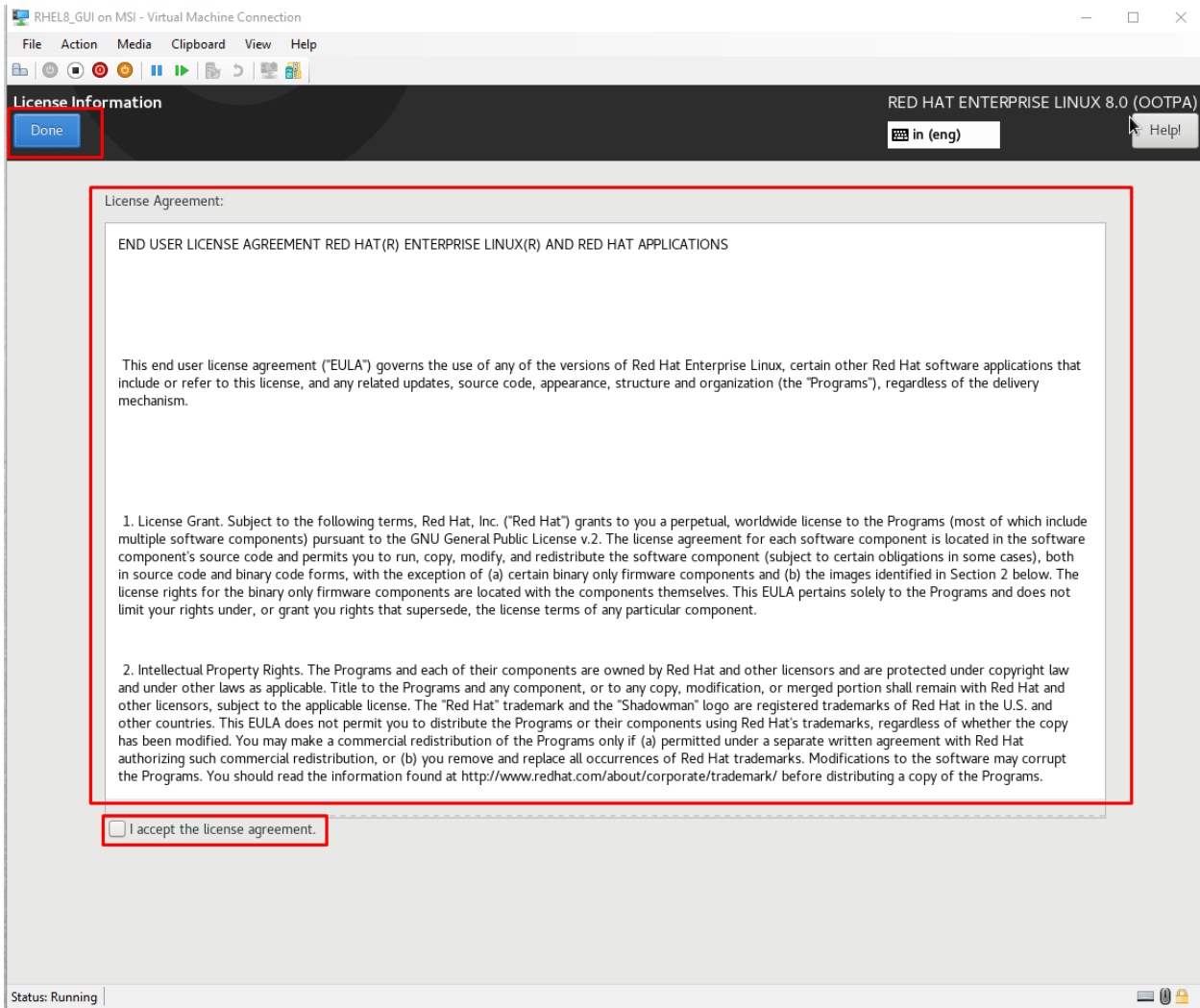


After selecting option 1, you will get **INITIAL SETUP** screen. Then please click on **LICENSING**.

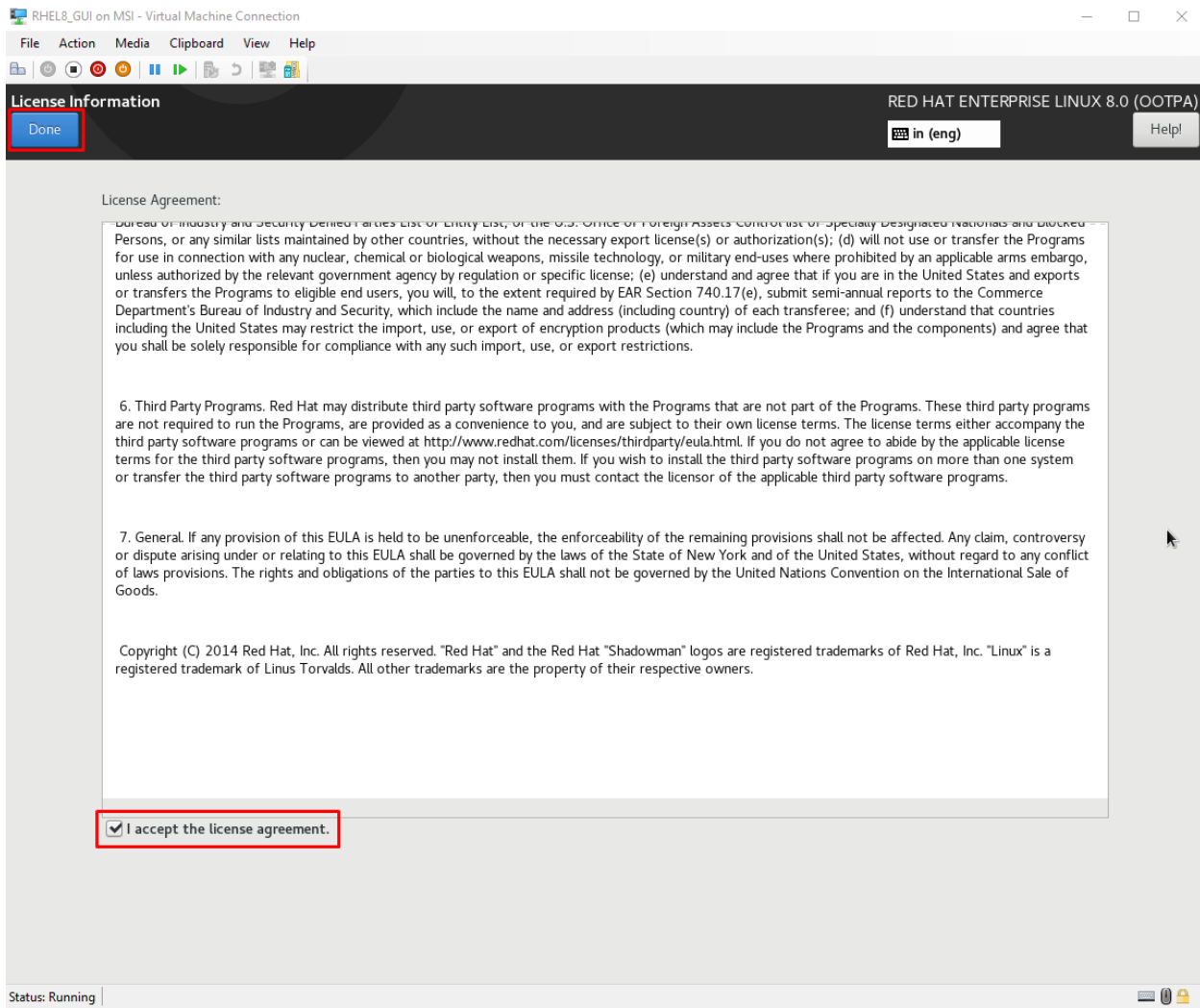


After selecting **LICENSING**, you will get a License Agreement.





Tick on **I accept the license agreement.** And then click on **Done.**



Finally, please click on **Finish Configuration**.



## INITIAL SETUP

RED HAT ENTERPRISE LINUX 8.0 (OOTPA)

in (eng)

Help

### LICENSING



#### License Information

License accepted

### SYSTEM

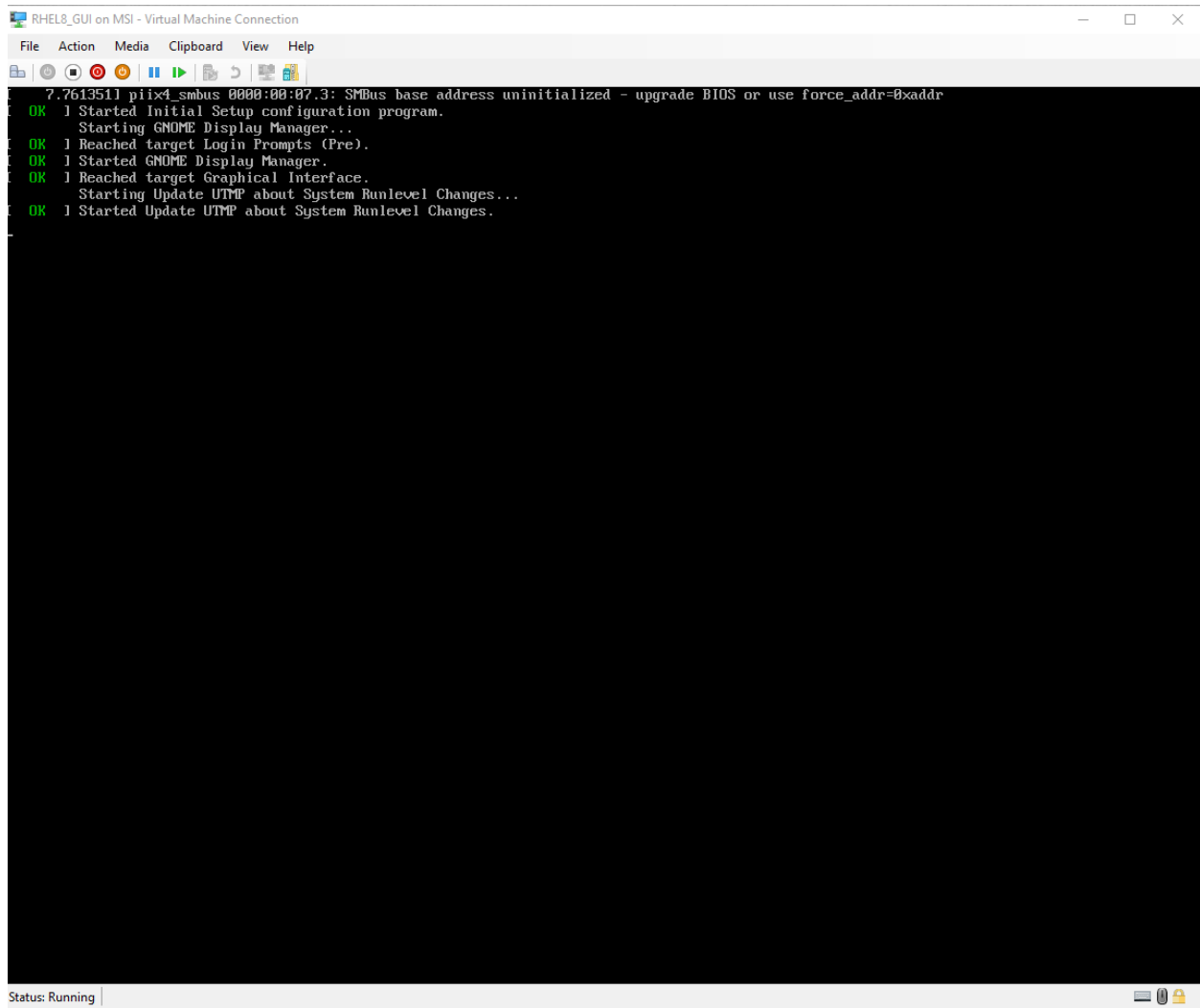


#### Subscription Manager

This system is currently not registered.

QUIT

FINISH CONFIGURATION



After that, you will be landed to your RHEL-8 LOGIN SCREEN.

**# FOR setting 1920X1080 in Hyper-V**

**[root@ - --- ]# vim /etc/default/grub**

Now edit in this file at

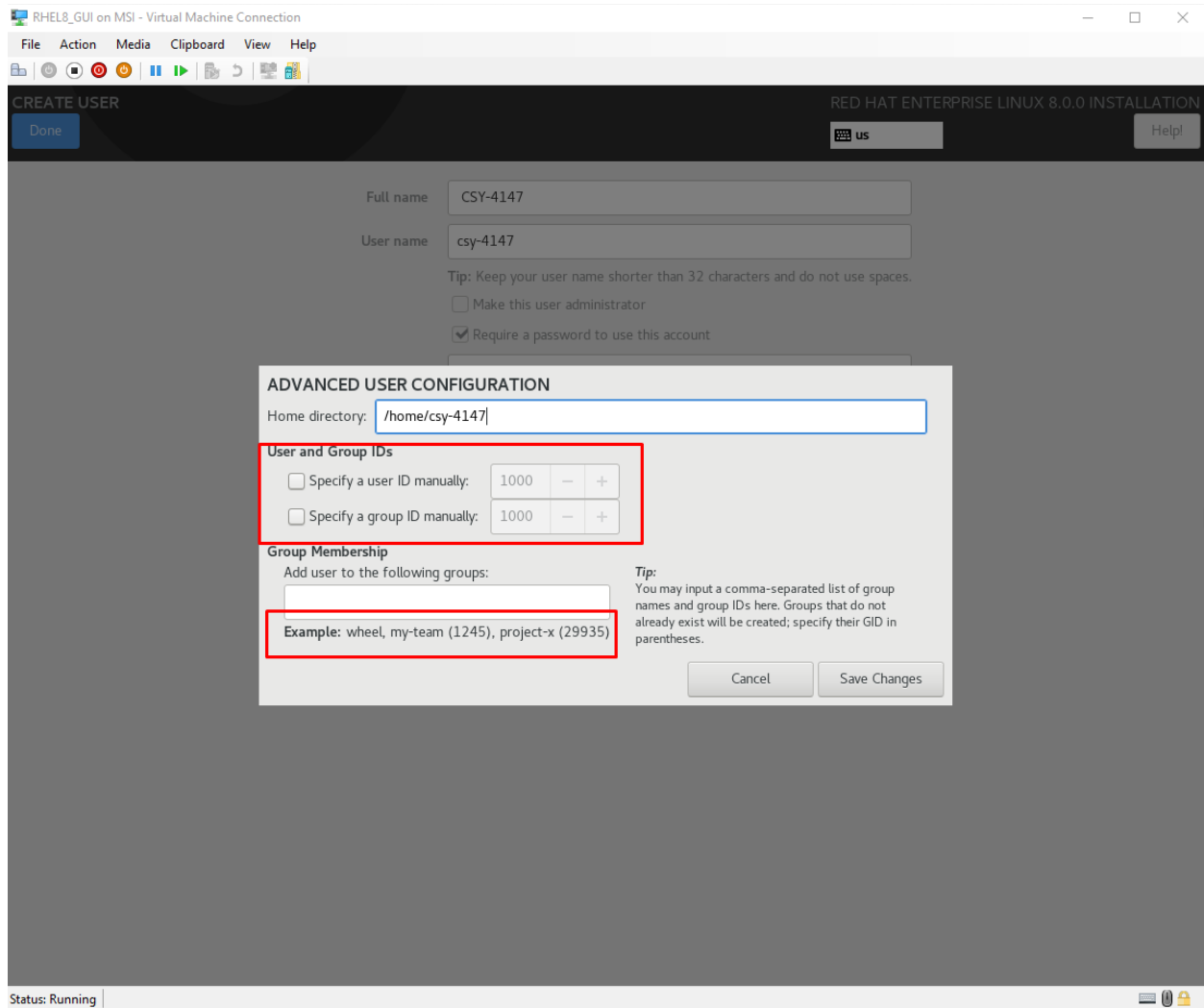
**GRUB\_CMDLINE\_LINUX="crashkernel=auto resume=UUID=3d544211-XXXX-XXXX-XXXXXXXXXXXX rhgb quiet video=hyperv\_fb:1920x1080"**

**[root@ - --- ]# grub2-mkconfig -o /etc/default/grub**

**[root@ - --- ]# reboot**

EXTRA :

## About User permission levels



# Details about SMT technology

