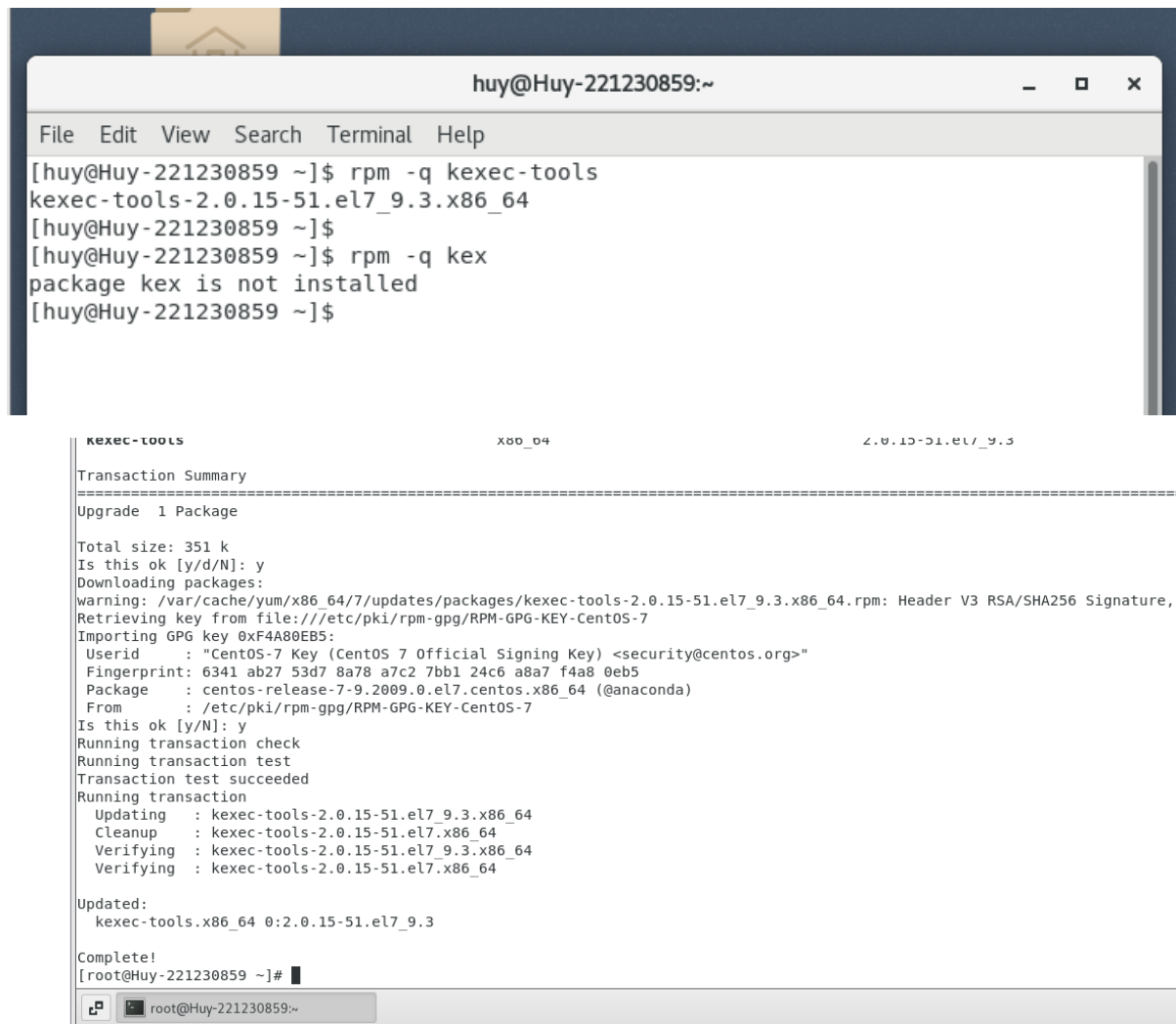


Bước 1 :



```
huy@Huy-221230859:~  
File Edit View Search Terminal Help  
[huy@Huy-221230859 ~]$ rpm -q kexec-tools  
kexec-tools-2.0.15-51.el7_9.3.x86_64  
[huy@Huy-221230859 ~]$  
[huy@Huy-221230859 ~]$ rpm -q kex  
package kex is not installed  
[huy@Huy-221230859 ~]$  
  
kexec-tools x86_64 2.0.15-51.el7_9.3  
Transaction Summary  
=====  
Upgrade 1 Package  
Total size: 351 k  
Is this ok [y/d/N]: y  
Downloading packages:  
warning: /var/cache/yum/x86_64/7/updates/packages/kexec-tools-2.0.15-51.el7_9.3.x86_64.rpm: Header V3 RSA/SHA256 Signature,  
Retrieving key from file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7  
Importing GPG key 0xF4A80EB5:  
Userid : "CentOS-7 Key (CentOS 7 Official Signing Key) <security@centos.org>"  
Fingerprint: 6341 ab27 53d7 8a78 a7c2 7bb1 24c6 a8a7 f4a8 0eb5  
Package : centos-release-7-9.2009.0.el7.centos.x86_64 (@anaconda)  
From : /etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7  
Is this ok [y/N]: y  
Running transaction check  
Running transaction test  
Transaction test succeeded  
Running transaction  
  Updating : kexec-tools-2.0.15-51.el7_9.3.x86_64  
  Cleanup  : kexec-tools-2.0.15-51.el7.x86_64  
  Verifying : kexec-tools-2.0.15-51.el7_9.3.x86_64  
  Verifying : kexec-tools-2.0.15-51.el7.x86_64  
  
Updated:  
  kexec-tools.x86_64 0:2.0.15-51.el7_9.3  
  
Complete!  
[root@Huy-221230859 ~]#
```

Bước 2:

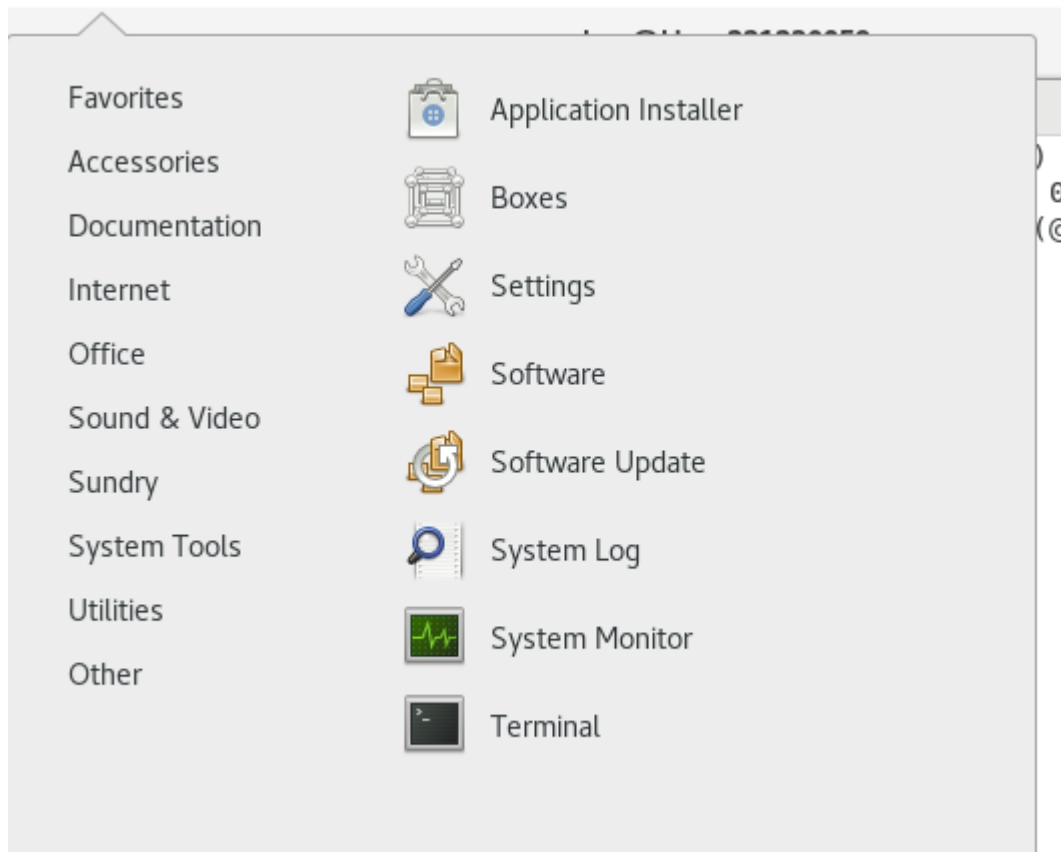
```
root@Huy-221230859:~  
File Edit View Search Terminal Help  
# This file contains a series of commands to perform (in order) in the kdump  
# kernel after a kernel crash in the crash kernel(1st kernel) has happened.  
#  
# Directives in this file are only applicable to the kdump initramfs, and have  
# no effect once the root filesystem is mounted and the normal init scripts are  
# processed.  
#  
# Currently, only one dump target and path can be specified. If the dumping to  
# the configured target fails, the default action which can be configured via  
# the "default" directive will be performed.  
#  
# Supported options:  
#  
# raw <partition>  
#     - Will dd /proc/vmcore into <partition>.  
#     Use persistent device names for partition devices,  
#     such as /dev/vg/<devname>.  
#  
# nfs <nfs mount>  
#     - Will mount nfs to <mnt>, and copy /proc/vmcore to  
#     <mnt>/<path>/%HOST-DATE/, supports DNS.  
#  
# ssh <user@server>  
#     - Will scp /proc/vmcore to <user@server>:<path>/%HOST-DATE/,  
#     supports DNS.  
#     NOTE: make sure the user has write permissions on the server.  
#  
# sshkey <path>  
#     - Will use the sshkey to do ssh dump.  
#     Specify the path of the ssh key to use when dumping  
#     via ssh. The default value is /root/.ssh/kdump_id_rsa.  
#  
# <fs type> <partition>  
#     - Will mount -t <fs type> <partition> <mnt>, and copy  
#     /proc/vmcore to <mnt>/<path>/%HOST_IP-DATE/.  
#     NOTE: <partition> can be a device node, label or uuid.  
#     It's recommended to use persistent device names  
"/etc/kdump.conf" 163L, 7274C
```

Bước 3:

Cách 1:

```
logout  
[huy@Huy-221230859 ~]$  
[huy@Huy-221230859 ~]$  
[huy@Huy-221230859 ~]$ rpm -q system-config-kdump  
package system-config-kdump is not installed  
[huy@Huy-221230859 ~]$
```

Cách 2:



Bước 4:

```
[huy@Huy-221230859 ~]$  
[huy@Huy-221230859 ~]$  
[huy@Huy-221230859 ~]$ rpm -q system-config-kdump  
package system-config-kdump is not installed  
[huy@Huy-221230859 ~]$ su -  
Password:  
Last login: Tue Apr 23 21:54:08 +07 2024 on pts/0  
[root@Huy-221230859 ~]# yum install system-config-kdump  
Loaded plugins: fastestmirror, langpacks  
Loading mirror speeds from cached hostfile  
* base: mirrors.nhanhoa.com  
* extras: mirror.bizflycloud.vn  
* updates: mirror.bizflycloud.vn  
Resolving Dependencies
```

```
Transaction test succeeded
Running transaction
  Installing : rarian-0.8.1-11.el7.x86_64 1
  Installing : rarian-compat-0.8.1-11.el7.x86_64 2
  Installing : system-config-kdump-2.0.13-21.el7.centos.noarch 3
  Verifying : system-config-kdump-2.0.13-21.el7.centos.noarch 1
  Verifying : rarian-compat-0.8.1-11.el7.x86_64 2
  Verifying : rarian-0.8.1-11.el7.x86_64 3

Installed:
  system-config-kdump.noarch 0:2.0.13-21.el7.centos

Dependency Installed:
  rarian.x86_64 0:0.8.1-11.el7          rarian-compat.x86_64 0:0.8.1-11.el7

Complete!
[root@Huy-221230859 ~]#
```

```
logout
[huy@Huy-221230859 ~]$ rpm -q system-config-kdump
system-config-kdump-2.0.13-21.el7.centos.noarch
[huy@Huy-221230859 ~]$
```

CentOS 7 64-bit --Class N03

Applications Places Terminal

Tue 22:02

Favorites

Accessories

Documentation

Internet

Office

Sound & Video

Sundry

System Tools

Utilities

Other

Application Installer

Boxes

Kernel crash dumps

Settings

Software

Software Update

System Log

System Monitor

Terminal

base

=====

66 kB 00:00:0

98 kB 00:00:0

450 kB 00:00:0

-----

3/s | 614 kB 00:0

arch

arch

Verifying : rarian-0.8.1-11.el7.x86\_64

Installed:

system-config-kdump.noarch 0:2.0.13-21.el7.centos

Dependency Installed:

rarian.x86\_64 0:0.8.1-11.el7 rarian-compatible.x86\_64 0:0.8.1-11.el7

Complete!

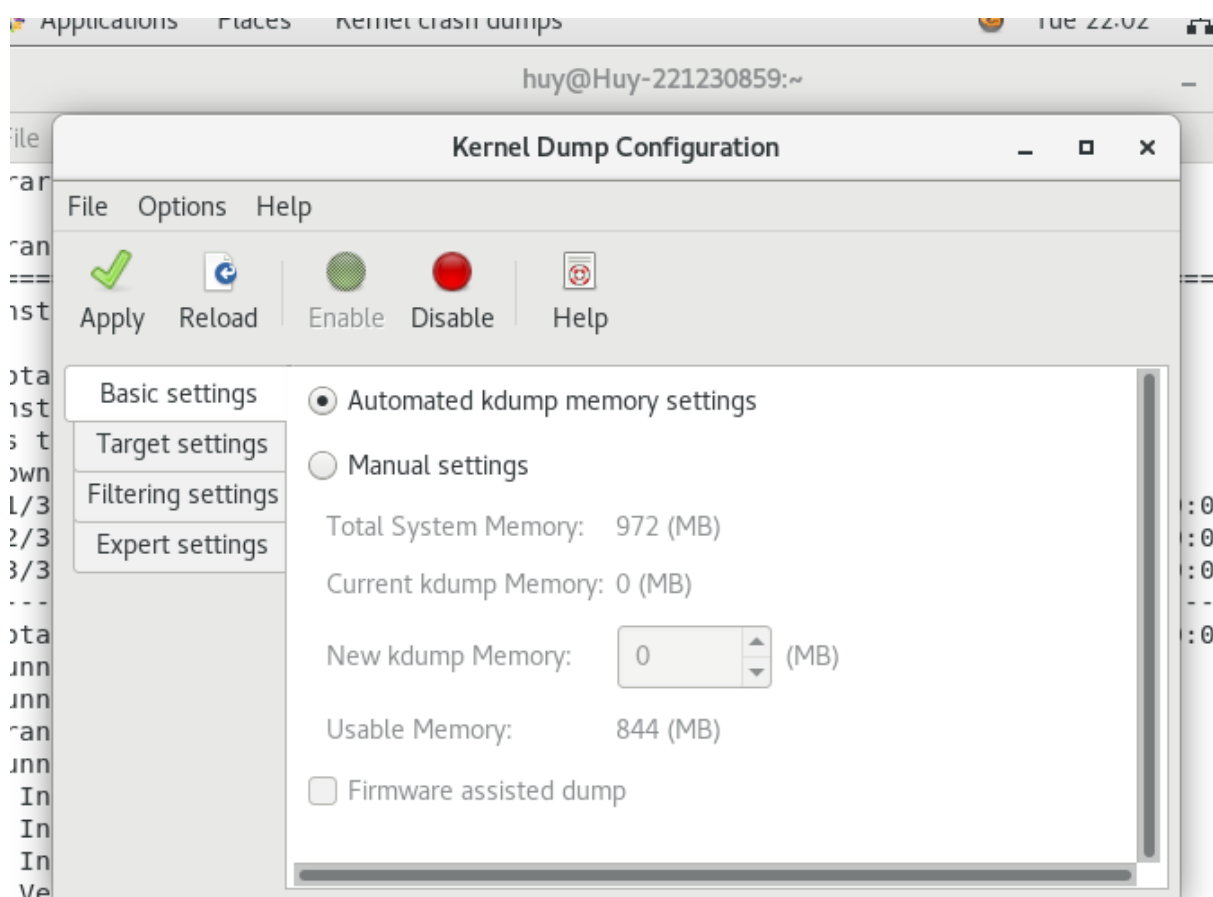
[root@Huy-221230859 ~]# exit

logout

[huy@Huy-221230859 ~]\$ rpm -q system-config-kdump

system-config-kdump-2.0.13-21.el7.centos.noarch

Bước 5



```
Verifying : rarian-compat-0.8.1-11.el7.x86_64
Verifying : rarian-0.8.1-11.el7.x86_64
```

Installed:

```
system-config-kdump.noarch 0:2.0.13-21.el7.centos
```

Dependency Installed:

```
rarian.x86_64 0:0.8.1-11.el7          rarian-compat.x86_64 0:0.8.1-11.el7
```

Completed