Kernel update

```bash
#!/bin/bash

currentkernel=$(uname -r)
lastkernel=$(yum check-update kernel | grep -m 1 "kernel" | awk '{print $2}')


if [ "$currentkernel" != "$lastkernel" ]
then

    echo "there is new kernel version-Do you need to update it? y/n"
    select option in y n
    do
        case $option in
            y)
                    sudo yum update
                    sudo yum install kernel
                    echo "kernel version is : $(uname -r)"
                    ;;
            n)
                    echo "as you like but your version now is "$currentkernel""
                    ;;
            *)
                    echo "please enter y / n only"
                    ;;
        esac

    done

else
    echo "NO kernel update and last version is "$lastkernel" "

fi
```

```
[root@dev adhamscripts]# vim kernal_uptade.sh
[root@dev adhamscripts]# chmod +x kernal_uptade.sh
[root@dev adhamscripts]# ./kernal_uptade.sh
there is new kernel version-Do you need to update it? y/n
1) y
2) n
#? 1
Updating Subscription Management repositories.
Last metadata expiration check: 0:25:06 ago on Sun 17 Nov 2024 10:05:38 PM CET.
Dependencies resolved.
================================================================================
 Package                        Arch    Version                  Repository
================================================================================
Installing:
 kernel                         x86_64 5.14.0-503.14.1.el9_5     rhel-9-for-x
Upgrading:
 NetworkManager                 x86_64 1:1.48.10-2.el9_5         rhel-9-for-x
 NetworkManager-adsl            x86_64 1:1.48.10-2.el9_5         rhel-9-for-x
 NetworkManager-bluetooth       x86_64 1:1.48.10-2.el9_5         rhel-9-for-x
 NetworkManager-config-server   noarch 1:1.48.10-2.el9_5         rhel-9-for-x
 NetworkManager-libnm           x86_64 1:1.48.10-2.el9_5         rhel-9-for-x
 NetworkManager-team            x86_64 1:1.48.10-2.el9_5         rhel-9-for-x
 NetworkManager-tui             x86_64 1:1.48.10-2.el9_5         rhel-9-for-x
 NetworkManager-wifi            x86_64 1:1.48.10-2.el9_5         rhel-9-for-x
 NetworkManager-wwan            x86_64 1:1.48.10-2.el9_5         rhel-9-for-x
 aardvark-dns                   x86_64 2:1.12.1-1.el9            rhel-9-for-x
 alsa-lib                       x86_64 1.2.12-1.el9              rhel-9-for-x
 alsa-ucm                       noarch 1.2.12-1.el9              rhel-9-for-x
 alsa-utils                     x86_64 1.2.12-1.el9              rhel-9-for-x
 alternatives                   x86_64 1.24-1.el9_5.1            rhel-9-for-x
```

```
Complete!
Updating Subscription Management repositories.
Last metadata expiration check: 1:32:50 ago on Sun 17 Nov 2024 10:05:38 PM CET.
Package kernel-5.14.0-427.13.1.el9_4.x86_64 is already installed.
Package kernel-5.14.0-503.14.1.el9_5.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
kernel version is : 5.14.0-427.13.1.el9_4.x86_64
```

```
[root@dev adhamscripts]# um check-update kernel
Updating Subscription Man gement repositories.
Last metadata expiration  heck: 0:10:58 ago on Sun 17 Nov 2024 10:05:38 PM CET.

kernel.x86_64                        5.14.0-503.14.1.el9_5            rhel-9-for-x86_64-baseos-rpms
```

$1

$2