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# PXE Boot

DHCP가

- [DHCP](#)

```
yum install tftp-server syslinux
```

```
# tftp          (/usr/share/syslinux/*      )
/var/lib/tftpboot

# pxe
/var/lib/tftpboot/pxelinux.cfg/default
/var/lib/tftpboot/pxelinux.cfg/logo.png

# ISO
/var/lib/tftpboot/RHEL/7.3/x64 -> /ISO/rhel-server-7.3-x86_64-dvd.iso #
Symbolic Link
/var/lib/tftpboot/RHEL/6.8/x64 -> /ISO/rhel-server-6.8-x86_64-dvd.iso #
Symbolic Link
/var/lib/tftpboot/RHEL/5.11/x64 -> /ISO/rhel-server-5.11-x86_64-dvd.iso #
Symbolic Link
```

## PXE Boot Menu

```
DEFAULT vesamenu.c32
TIMEOUT 600

#           가
PROMPT      0
#           가
NOESCAPE    1
#           가
ALLOWOPTIONS 1
#
ONTIMEOUT   BootLocal

#
MENU TITLE  LinuxDataSystem PXE
```

```
#  
MENU VSHIFT      3  
#  
MENU WIDTH       50  
#  
MENU ROWS        10  
#  
MENU MARGIN      10  
#  
MENU TABMSGROW   15  
#  
MENU TIMEOUTROW  16  
  
#####  
MENU COLOR BORDER 30;44    #00000000 #00000000 none  
MENU COLOR SCROLLBAR 30;44   #00000000 #00000000 none  
MENU COLOR TITLE    0      #ffffffff #00000000 none  
MENU COLOR SEL      30;47   #40000000 #ffffffff  
  
#  
MENU BACKGROUND    pxelinux.cfg/logo.png  
  
LABEL BootLocal  
  MENU LABEL Boot from local HDD  
    localboot 0  
    TEXT HELP  
    Boot to local hard disk  
    ENDTEXT  
  
MENU BEGIN Redhat Enterprise Linux  
MENU TITLE Redhat Enterprise Linux  
  LABEL Previous  
  MENU LABEL Previous Menu  
  TEXT HELP  
  Return to previous menu  
  ENDTEXT  
  MENU EXIT  
  MENU SEPARATOR  
  MENU INCLUDE RHEL/RHEL.menu  
MENU END  
  
MENU BEGIN CentOS  
MENU TITLE CentOS  
  LABEL Previous  
MENU LABEL Previous Menu  
  TEXT HELP  
  Return to previous menu  
  ENDTEXT  
  MENU EXIT  
  MENU SEPARATOR  
  MENU INCLUDE CentOS/CentOS.menu  
MENU END
```

```
MENU BEGIN Fedora
MENU TITLE Fedora
    LABEL Previous
    MENU LABEL Previous Menu
    TEXT HELP
        Return to previous menu
    ENDTEXT
    MENU EXIT
    MENU SEPARATOR
    MENU INCLUDE Fedora/Fedora.menu
MENU END
```

```
MENU BEGIN Debian
MENU TITLE Debian
    LABEL Previous
    MENU LABEL Previous Menu
    TEXT HELP
        Return to previous menu
    ENDTEXT
    MENU EXIT
    MENU SEPARATOR
    MENU INCLUDE Debian/Debian.menu
MENU END
```

```
MENU BEGIN Ubuntu
MENU TITLE Ubuntu
    LABEL Previous
    MENU LABEL Previous Menu
    TEXT HELP
        Return to previous menu
    ENDTEXT
    MENU EXIT
    MENU SEPARATOR
    MENU INCLUDE Ubuntu/Ubuntu.menu
MENU END
```

```
MENU BEGIN openSUSE
MENU TITLE openSUSE
    LABEL Previous
    MENU LABEL Previous Menu
    TEXT HELP
        Return to previous menu
    ENDTEXT
    MENU EXIT
    MENU SEPARATOR
    MENU INCLUDE openSUSE/openSUSE.menu
MENU END
```

```
MENU BEGIN VMware
MENU TITLE VMware
    LABEL Previous
```

```
MENU LABEL Previous Menu
TEXT HELP
Return to previous menu
ENDTEXT
MENU EXIT
MENU SEPARATOR
MENU INCLUDE VMware/VMware.menu
MENU END

MENU BEGIN Tools and Utilities
MENU TITLE Tools and Utilities
LABEL Previous
MENU LABEL Previous Menu
TEXT HELP
Return to previous menu
ENDTEXT
MENU EXIT
MENU SEPARATOR
MENU INCLUDE UTIL/UTIL.menu
MENU END

MENU BEGIN DOS Based
MENU TITLE DOS Based
LABEL Previous
MENU LABEL Previous Menu
TEXT HELP
Return to previous menu
ENDTEXT
MENU EXIT
MENU SEPARATOR
MENU INCLUDE DOS/DOS.menu
MENU END
```

ISO . repository http  
repository .

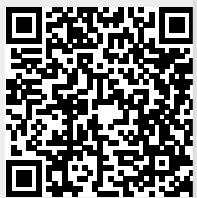
```
LABEL 3
MENU LABEL RHEL 7.3 (64-bit)
KERNEL RHEL/7.3/x64/isolinux/vmlinuz
append initrd=RHEL/7.3/x64/isolinux/initrd.img
repo=http://192.168.222.254/rhel/7.3/x64 devfs=nomount ip=dhcp
TEXT HELP
Install RHEL 7.3 (64-bit)
ENDTEXT
LABEL 2
MENU LABEL RHEL 6.8 (64-bit)
KERNEL RHEL/6.8/x64/vmlinuz
```

```
append initrd=RHEL/6.8/x64/initrd.img
repo=http://192.168.222.254/rhel/6.8/x64 devfs=nomount ip=dhcp
TEXT HELP
Install RHEL 6.8 (64-bit)
ENDTEXT

LABEL 1
MENU LABEL RHEL 5.11 (64-bit)
KERNEL RHEL/5.11/x64/vmlinuz
append initrd=RHEL/5.11/x64/initrd.img
repo=http://192.168.222.254/rhel/5.11/x64 devfs=nomount ip=dhcp
TEXT HELP
Install RHEL 5.11 (64-bit)
ENDTEXT
```

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