LPIC-1 101-400 – Lesson 16 – Lab

* **Enter into your CentOS Lab Environment**

- # **cd Lab15** # Enter into the Lab15 directory

- # **yum search yumdownloader** # search for yumdownloader

- # **yum install yum-utils** # Install the yum-utils package. Enter **'y'** at the prompt

- # **yumdownloader vim-enhanced** #

- # **ls** # see what is downloaded

- # **rpm -ivh vim-enhanced-7.4.160-4.el7.x86_64.rpm** # install vim-enhanced. Did it work?

- # **rpm -e vim-enhanced** # is **vim-enhanced installed**?

- # **rpm -qpi vim-enhanced-7.4.160-4.el7.x86_64.rpm** # extract package information from the **.rpm** file

- # **rpm -qi yum** # show information about the **yum** package

- # **rpm -qpl vim-enhanced-7.4.160-4.el7.x86_64.rpm** # list files inside the **.rpm** package

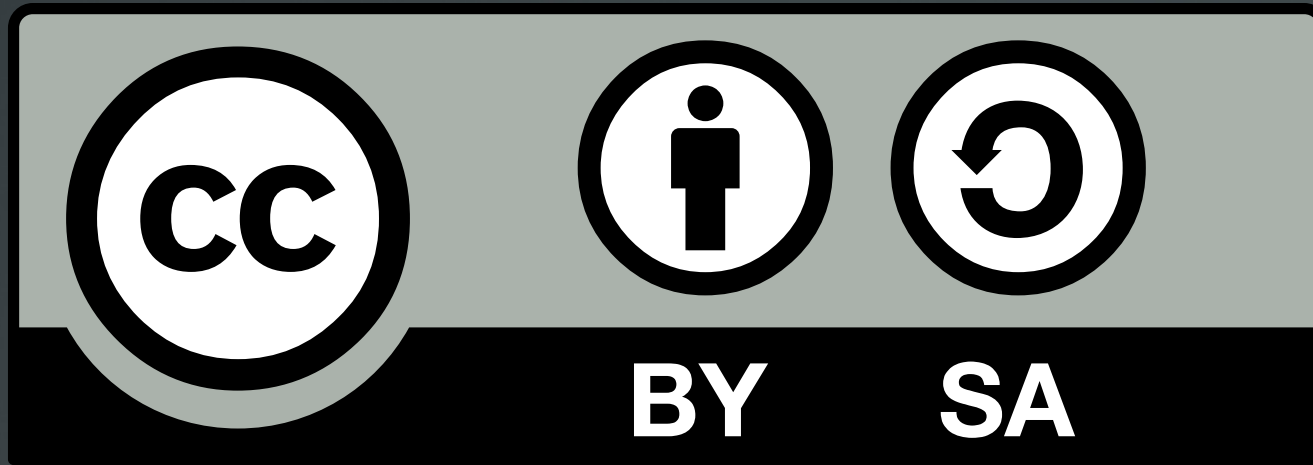- # **rpm -ql yum** # list files for the **yum** package

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- # **rpm -qc yum** # show yum configuration files

- # **rpm -qd yum** # show yum documentation files

- # **rpm -qpc vim-enhanced-7.4.160-4.el7.x86_64.rpm** # # show configuration files from **.rpm** file

- # **rpm -qf /etc/ld.so.conf** # show the package to which the queried file belongs to

- # **rpm -q yum** # check if **yum** is installed

- # **rpm -q vim** # check if **vim** is installed

- # **rpm -qa | less** # show all installed packages

- # **rpm -qa | grep kernel** # filter the kernel packages

- # **rpm -V yum** # verify the integrity of **yum**

- # **rpm -Va** # verify the integrity of all packages

- # **rpm2cpio vim-enhanced-7.4.160-4.el7.x86_64.rpm > vim-enhanced-7.4.160-4.el7.x86_64.cpio** # create a **.cpio** file from the **.rpm** file

- # **cpio -i --make-directories < vim-enhanced-7.4.160-4.el7.x86_64.cpio** # extract the files to the working directory

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- # **ls** # list extracted files
- # **yum search httpd** # search for httpd
- # **yum info httpd** # info about the **httpd** package
- # **yum -y install httpd** # install **httpd**
- # **yum list httpd nano** # summary info about **httpd** and **nano**
- # **yum list** # list all installed and available packages
- # **yum check-update** # update the yum database for newer versions of installed packages
- # **view /etc/yum.conf** # check out **yum** configuration
- # **view /etc/yum.repos.d/*** # check out repository configuration
- # **df -hT** # check the filesystem free space
- # **find /var/cache/yum** # find **yum** temporary files
- # **yum clean all** # clean **yum** temporary files
- # **find /var/cache/yum** # find **yum** temporary files
- # **df -hT** # check the filesystem free space again
- # **yum update** # answer **n**

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