first:

if there is not gcc and make,then yum install them

then:

decompress the compress file,and then run ./configure to test the installation

一、install apache

the apr is needed,if there is not Apache Portable Runtime(APR),so install It before installing apache

step 1

install APR

URL: <http://mirrors.tuna.tsinghua.edu.cn/apache//apr/apr-1.5.2.tar.gz>

1. wget <http://mirrors.tuna.tsinghua.edu.cn/apache//apr/apr-1.5.2.tar.gz>
2. tar xzvf apr-1.5.2.tar.gz
3. cd apr-1.5.2.tar.gz
4. ./configure –prefix=/usr/local/include/apr-1.5.2
5. make
6. make install

step2

the apr-util is needed. if there is not Apache Protable Runtime util(APR-util),so install it before installing apache

URL: http://mirror.bit.edu.cn/apache//apr/apr-util-1.5.4.tar.gz

1. wget http://mirror.bit.edu.cn/apache//apr/apr-util-1.5.4.tar.gz
2. tar xzvf apr-util-1.5.4.tar.gz
3. cd apr-util-1.5.4.tar.gz
4. ./configure --prefix=/usr/local/include/apr-util-1.5.4 --with-apr=/usr/local/include/apr-1.5.2
5. make
6. make install

step3:the pcre is optional,can install it before installing the httpd

URL: <https://ftp.pcre.org/pub/pcre/pcre2-10.23.tar.gz>

1. wget <https://ftp.pcre.org/pub/pcre/pcre2-10.23.tar.gz>
2. tar xzvf pcre2-10.23.tar.gz
3. cd pcre2-10.23.tar.gz
4. ./configure –prefix=/usr/local/include/pcre2-10.23
5. make
6. make install

step4: download httpd

URL：<http://mirror.bit.edu.cn/apache//httpd/httpd-2.4.25.tar.gz>

1. wget <http://mirror.bit.edu.cn/apache//httpd/httpd-2.4.25.tar.gz>
2. tar xzvf httpd-2.4.25.tar.gz
3. cd httpd-2.4.25.tar.gz
4. ./configure
5. make

!!!important: change the etc file when finish installing each one of above