Apache install on Centos 7 (Tar ball Base)

Server name – server2.avminfi.com

IP – 192.168.31.201

# Check OS version

# cat /etc/\*release

# Install compilation tools

# yum groupinstall ‘development tools’

# Download dependencies source code and Apache source code Tarballs

APR – wget [**https://dlcdn.apache.org**/apr/apr-1.7.0.tar.gz](https://dlcdn.apache.org/apr/apr-1.7.0.tar.gz)

APR-UTILS – wget  [https://dlcdn.apache.org/apr/apr-util-1.6.1.tar.gz](%20https://dlcdn.apache.org/apr/apr-util-1.6.1.tar.gz)

* EXPAT – yum install expat expat-devel
* PCRE – wget https://sourceforge.net/projects/pcre/files/pcre/8.45/pcre-8.45.tar.gz
* OpenSSL – wget <https://www.openssl.org/source/openssl-1.0.2t.tar.gz>
* HTTP Apache – wget  [https://dlcdn.apache.org/httpd/httpd-2.4.46.tar.gz](%20https://dlcdn.apache.org/httpd/httpd-2.4.46.tar.gz)

# Unzip, compile and Install dependencies

Common steps

# tar -zxvf <package Name>

# cd <uncompressed\_dir>

# ./configure

# make

# make install

# Compile and install apr tool

# export LC\_ALL=en\_US.UTF-8

# export LC\_CTYPE= en\_US.UTF-8

#cd /opt/tarball

# tar -zxvf apr-1.7.0.tar.gz

# cd apr-1.7.0

# replace "$RM "$cfgfile" with $RM -f "$cfgfile" in configure file

# ./configure - -prefix=/APPS/Apache2446/apr

# make

# make install

# Compile and install apr-util tool

# cd /opt/tarball

# tar -zxvf apr-util-1.6.1.tar.gz

# cd apr-util-1.6.1

# ./configure --prefix=/APPS/Apache2446/apr-util --with-apr=/APPS/Apache2446/apr

# make

# make install

# Compile and install pcre tool

# cd /opt/tarball

# tar -zxvf pcre-8.45.tar.gz

# cd pcre-8.45

# ./configure --prefix=/APPS/Apache2446/pcre

# make

# make install

# Compile and install openssl tool

# cd /opt/tarball

# tar -zxvf openssl-1.0.2t.tar.gz

# cd openssl-1.0.2t

# ./config -fPIC --prefix=/APPS/Apache2446/openssl

# make

# make install

# Compile and install httpd

# cd /opt/tarball

# tar -zxvf httpd-2.4.46.tar.gz

# cd httpd-2.4.46

# ./configure --prefix=/APPS/Apache2446 --with-apr=/APPS/Apache2446/apr --with-apr-util=/APPS/Apache2446/apr-util --with-pcre=/APPS/Apache2446/pcre2-config --with-ssl=/APPS/Apache2446/openssl

# make

# make install

# /APPS/Apache2446/bin/apachect start

# Add 80 port in firewall and reload

# firewall-cmd --add-port=80/tcp --permanent

# firewall-cmd --add-port=80/udp --permanent

# firewall-cmd --reload

# Test URL

1. Browse for <http://192.168.31.201> from web client system and same system