EC2 - HTTP2.0 PHP 7.2

- Launch AMI Image - Amazon Linux AMI 2018.03.0 (HVM) (Not Amazon Linux 2 AMI (HVM))
- Install Apache 2.0 and PHP 7.2

```
> sudo su
> yum install httpd24 php72
```

- List other installed PHP packets

```
> yum list installed | grep php

php72.x86_64                            7.2.11-1.6.amzn1              @amzn-
updates
php72-cli.x86_64                        7.2.11-1.6.amzn1              @amzn-
updates
php72-common.x86_64                     7.2.11-1.6.amzn1              @amzn-
updates
php72-json.x86_64                       7.2.11-1.6.amzn1              @amzn-
updates
php72-process.x86_64                    7.2.11-1.6.amzn1              @amzn-
updates
php72-xml.x86_64                        7.2.11-1.6.amzn1              @amzn-
updates
```

- Look for other update and install other updates as needed

```
>  yum search php72

Loaded plugins: priorities, update-motd, upgrade-helper
================================== N/S matched: php72
==================================
php72.x86_64 : PHP scripting language for creating dynamic web sites
php72-bcmath.x86_64 : A module for PHP applications for using the bcmath
library
php72-cli.x86_64 : Command-line interface for PHP
php72-common.x86_64 : Common files for PHP
php72-dba.x86_64 : A database abstraction layer module for PHP applications
php72-dbg.x86_64 : The interactive PHP debugger
php72-devel.x86_64 : Files needed for building PHP extensions
php72-embedded.x86_64 : PHP library for embedding in applications
php72-enchant.x86_64 : Enchant spelling extension for PHP applications
php72-fpm.x86_64 : PHP FastCGI Process Manager
php72-gd.x86_64 : A module for PHP applications for using the gd graphics
library
php72-gmp.x86_64 : A module for PHP applications for using the GNU MP
library
php72-imap.x86_64 : A module for PHP applications that use IMAP
php72-intl.x86_64 : Internationalization extension for PHP applications
php72-json.x86_64 : JavaScript Object Notation extension for PHP
```

```
php72-ldap.x86_64 : A module for PHP applications that use LDAP
php72-mbstring.x86_64 : A module for PHP applications which need multi-byte
string handling
php72-mysqlnd.x86_64 : A module for PHP applications that use MySQL
databases
php72-odbc.x86_64 : A module for PHP applications that use ODBC databases
php72-opcache.x86_64 : The Zend OPcache
php72-pdo.x86_64 : A database access abstraction module for PHP applications
php72-pdo-dblib.x86_64 : PDO driver Microsoft SQL Server and Sybase
databases
php72-pecl-apcu.x86_64 : APC User Cache
php72-pecl-apcu-devel.x86_64 : APCu developer files (header)
php72-pecl-igbinary.x86_64 : Replacement for the standard PHP serializer
php72-pecl-igbinary-devel.x86_64 : Igbinary developer files (header)
php72-pecl-imagick.x86_64 : Extension to create and modify images using
ImageMagick
php72-pecl-imagick-devel.x86_64 : imagick extension developer files (header)
php72-pecl-mcrypt.x86_64 : Bindings for the libmcrypt library
php72-pecl-memcache.x86_64 : Extension to work with the Memcached caching
daemon
php72-pecl-memcached.x86_64 : Extension to work with the Memcached caching
daemon
php72-pecl-oauth.x86_64 : PHP OAuth consumer extension
php72-pecl-redis.x86_64 : Extension for communicating with the Redis key-
value store
php72-pecl-ssh2.x86_64 : Bindings for the libssh2 library
php72-pecl-uuid.x86_64 : Universally Unique Identifier extension for PHP
php72-pgsql.x86_64 : A PostgreSQL database module for PHP
php72-process.x86_64 : Modules for PHP script using system process
interfaces
php72-pspell.x86_64 : A module for PHP applications for using pspell
interfaces
php72-recode.x86_64 : A module for PHP applications for using the recode
library
php72-snmp.x86_64 : A module for PHP applications that query SNMP-managed
devices
php72-soap.x86_64 : A module for PHP applications that use the SOAP protocol
php72-tidy.x86_64 : Standard PHP module provides tidy library support
php72-xml.x86_64 : A module for PHP applications which use XML
php72-xmlrpc.x86_64 : A module for PHP applications which use the XML-RPC
protocol

  Name and summary matches only, use "search all" for everything.
```

Dokuwiki

- In addition, Dokuwiki requires the following php packages
    - php72-mbstring - PDF Export

    - php72-sqlite3 - Table Edit

```
> yum install php72-mbstring
> yum install php72-sqlite3
```

- Edit /etc/httpd/conf/httpd.conf to restrict access

```
<Directory /var/www/html/dokuwiki>
    order deny,allow
    allow from all
</Directory>

<LocationMatch "/(data|conf|bin|inc)/">
    order allow,deny
    deny from all
    satisfy all
</LocationMatch>
```

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