

# 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.

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## 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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