

Linux Server (for Centos 8.x)

-APM-

Copyright @ 2020 Majunsoft

1. APM

1 - 1. APM이란?

웹서버를 담당하는 Apache와 PHP 웹 개발 언어인 PHP(Personal Home Page Tools), 데이터베이스를 담당하는 MySQL를 묶어서 말하는 용어입니다. 보통 CentOS를 웹서버로 사용하기 위해서 많이 설치하는 방식입니다.

1 - 2. APM 설치

yum 자동설치 (apache 2.4.37 , php 7.2.11 , mariaDB 10.3.17)

1. Bios Update 및 CentOS 8.x 버전 설치 후 진행

2. 패키지 최신버전으로 업데이트 및 네트워크 유틸리티 설치

```
# yum -y update
```

```
# yum -y install net-tools
```

3. 저장소 추가 (진행하지 않을 경우 php관련 일부 추가 기능 설치 불가)

```
rpm -Uvh http://rpms.famillecollet.com/enterprise/remi-release-8.rpm
```

apache, php, mariadb(mysql), ftp 설치하기

```
yum -y install httpd*
```

```
yum -y install php php-mysqlnd php-gd php72-php-imap php-ldap php-pear php-odbc php-xmlrpc php-xml
```

```
yum -y install mariadb-server
```

```
yum -y install vsftpd
```

```
yum -y install iptables-services
```

```
echo "<?php" > /var/www/html/phpinfo.php
```

```
echo "phpinfo();" >> /var/www/html/phpinfo.php
```

```
echo "?>" >> /var/www/html/phpinfo.php
```

자동실행 등록 및 방화벽 해제

```
systemctl start mariadb
```

```
systemctl enable httpd.service
```

```
systemctl enable iptables.service
```

```
systemctl enable mariadb.service
```

```
systemctl enable vsftpd.service
```

systemctl disable firewalld.service

mysql 언어셋 수정 vi /etc/my.cnf
아래 항목 추가

[client]
default-character-set = utf8

[mysqld]
character-set-client-handshake=FALSE
init_connect="SET collation_connection = utf8_general_ci"
init_connect="SET NAMES utf8"
character-set-server = utf8
collation-server = utf8_general_ci

모든 설정 마무리 후 반드시 작업 해야될내용

service iptables restart
service httpd restart
service mariadb restart

* 설치 후 APM 상태 확인

Default

192.168.0.36

Test Page

This page is used to test the proper operation of the Apache HTTP server after it has been installed. If you can read this page it means that this site is working properly. This server is powered by CentOS.

Just visiting?

The website you just visited is either experiencing problems or is undergoing routine maintenance.

If you would like to let the administrators of this website know that you've seen this page instead of the page you expected, you should send them e-mail. In general, mail sent to the name "webmaster" and directed to the website's domain should reach the appropriate person.

For example, if you experienced problems while visiting www.example.com, you should send e-mail to "webmaster@example.com".

Important note:

The CentOS Project has nothing to do with this website or its content, it just provides the software that makes the website run.

If you have issues with the content of this site, contact the owner of the domain, not the CentOS project. Unless you intended to visit CentOS.org, the CentOS Project does not have anything to do with this website.

Are you the Administrator?

You should add your website content to the directory `/var/www/html/`.

To prevent this page from ever being used, follow the instructions in the file `/etc/httpd/conf.d/welcome.conf`.

Promoting Apache and CentOS

You are free to use the images below on Apache and CentOS Linux powered HTTP servers. Thanks for using Apache and CentOS!



The CentOS Project

The CentOS Linux distribution is a stable, predictable, manageable and reproducible platform derived from the sources of Red Hat Enterprise Linux (RHEL).

PHPinfo

PHP Version 7.2.11



System	Linux localhost.localdomain 4.18.0-147.5.1.el8_1.x86_64 SMP Wed Feb 5 02:00:30 UTC 2020 x86_64
Build Date	Oct 9 2018 15:09:36
Server API	FFPM/FastCGI
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc
Loaded Configuration File	/etc/php.ini
Scan this dir for additional .ini files	/etc/php.d
Additional .ini files parsed	/etc/php.d/20-bz2.ini, /etc/php.d/20-calendar.ini, /etc/php.d/20-ctype.ini, /etc/php.d/20-curl.ini, /etc/php.d/20-dom.ini, /etc/php.d/20-exif.ini, /etc/php.d/20-fileinfo.ini, /etc/php.d/20-ftp.ini, /etc/php.d/20-gd.ini, /etc/php.d/20-gettext.ini, /etc/php.d/20-iconv.ini, /etc/php.d/20-ldap.ini, /etc/php.d/20-mysqlnd.ini, /etc/php.d/20-odbc.ini, /etc/php.d/20-pdo.ini, /etc/php.d/20-phar.ini, /etc/php.d/20-posix.ini, /etc/php.d/20-shmop.ini, /etc/php.d/20-simplexml.ini, /etc/php.d/20-sockets.ini, /etc/php.d/20-sqlite3.ini, /etc/php.d/20-sysvmsg.ini, /etc/php.d/20-sysvsem.ini, /etc/php.d/20-sysvshm.ini, /etc/php.d/20-tokenizer.ini, /etc/php.d/20-xml.ini, /etc/php.d/20-xmlreader.ini, /etc/php.d/20-xmlwriter.ini, /etc/php.d/20-zip.ini, /etc/php.d/20-zlib.ini, /etc/php.d/30-pdo_mysql.ini, /etc/php.d/30-pdo_odbc.ini, /etc/php.d/30-pdo_sqlite.ini, /etc/php.d/30-pdo_xdbc.ini, /etc/php.d/30-xmldb.ini, /etc/php.d/30-xmldbreader.ini, /etc/php.d/30-xmldbwriter.ini
PHP API	20170718
PHP Extension	20170718
Zend Extension	320170718
Zend Extension Build	API320170718.NTS
PHP Extension Build	API20170718.NTS
Debug Build	no
Thread Safety	disabled
Zend Signal Handling	enabled
Zend Memory Manager	enabled
Zend Multibyte Support	disabled
IPv6 Support	enabled
Tracing Support	available, disabled
Registered PHP Streams	https, ftps, compress.zlib, php, file, glob, data, http, ftp, compress.bzip2, phar
Registered Stream Socket Transports	tcp, udp, unix, udg, ssl, tls, tls_v1, tls_v1.1, tls_v1.2
Registered Stream Filters	zlib, string.rot13, string.toupper, string.tolower, string.strip_tags, convert, consumed, dechunk, bzip2, convert.iconv.*

This program makes use of the Zend Scripting Language Engine:
Zend Engine v3.2.0, Copyright (c) 1998-2018 Zend Technologies



PHP info 페이지를 통해 PHP 연동여부와 Mysql 을 체크 할 수 있습니다.