行動通訊與網路資料庫

網路資料庫

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什麼是網路資料庫

- Google、Yahoo、Facebook

- Internet + Server + Database

- Internet：4G、WIFI、光纖、ADSL…
- Server：Apache HTTP、Nginx、IIS…
- Database：MySQL、MS SQL、Oracle…

最佳組合

Apache HTTP Server

- Apache HTTP Server，簡稱 Apache

- 是Apache軟體基金會的一個開放原始碼的網頁伺服器

- 可以在大多數電腦作業系統中執行，由於其跨平台和安全性，被廣泛使用

- 是最流行的 Web 伺服器端軟體之一

- 快速、可靠並且可通過簡單的 API 擴充，將 Perl／Python 等直譯器編譯到伺服器中

- Apache 起初由伊利諾大學香檳分校的國家超級電腦應用中心（NCSA）開發

- 此後，Apache Httpd 被開放原始碼團體的成員不斷的發展和加強

- Apache Http 網站伺服器擁有牢靠可信的美譽，已經在全球超過半數的網站中被使用

- Apache 支援許多特性，大部分通過編譯的模塊實現

- 這些特性從伺服器端的程式語言支援到身份認證方案

- 一些通用的語言介面支援 Perl，Python，Tcl， 和 PHP
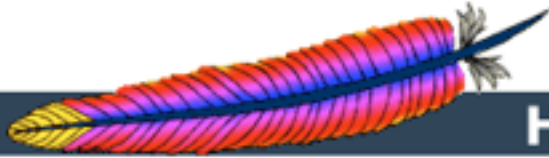
Apache
HTTP SERVER PROJECT

- About
- License
- FAQ
- Security Reports

Download!

- From a Mirror

Documentation

- Version 2.4
- Version 2.2
- Version 2.0
- Trunk (dev)
- Wiki

Get Support

- Support

Get Involved

- Mailing Lists
- Bug Reports
- Developer Info

Subprojects

- Docs
- Test

The Number One HTTP Server On The Internet

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows NT. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards.

Apache httpd has been the most popular web server on the Internet since April 1996, and celebrated its 17th birthday as a project this February.

The Apache HTTP Server ("httpd") is a project of The Apache Software Foundation.

Apache httpd 2.4.6 Released   2013-07-22

The Apache Software Foundation and the Apache HTTP Server Project are pleased to announce the release of version 2.4.6 of the Apache HTTP Server ("Apache"). This version of Apache is our latest GA release of the new generation 2.4.x branch of Apache HTTPD and represents fifteen years of innovation by the project, and is recommended over all previous releases. This version of Apache is principally a security and bug fix release.

This version of httpd is a major release of the 2.4 stable branch, and represents the best available version of Apache HTTP Server. New features include Loadable MPMs, major improvements to OCSP support, mod_lua, Dynamic Reverse Proxy configuration, Improved Authentication/Authorization, FastCGI Proxy, New Expression Parser, and a Small Object Caching API.

Download | New Features in httpd 2.4 | Complete ChangeLog for 2.4 | ChangeLog for just 2.4.6

Apache httpd 2.2.25 Released   2013-07-09

The Apache HTTP Server Project is proud to announce the release of version 2.2.25 of the Apache HTTP Server ("httpd"). This version is principally a security and bugfix release. There is an offical vulnerability list of those issues fixed in this release.

This version of httpd is a major release of the 2.2 legacy branch. New features include Smart Filtering, Improved Caching, AJP Proxy, Proxy Load Balancing, Graceful Shutdown support, Large File Support, the Event MPM, and refactored Authentication/Authorization.

Download | New Features in httpd 2.2 | ChangeLog for 2.2.25 | Complete ChangeLog for 2.2

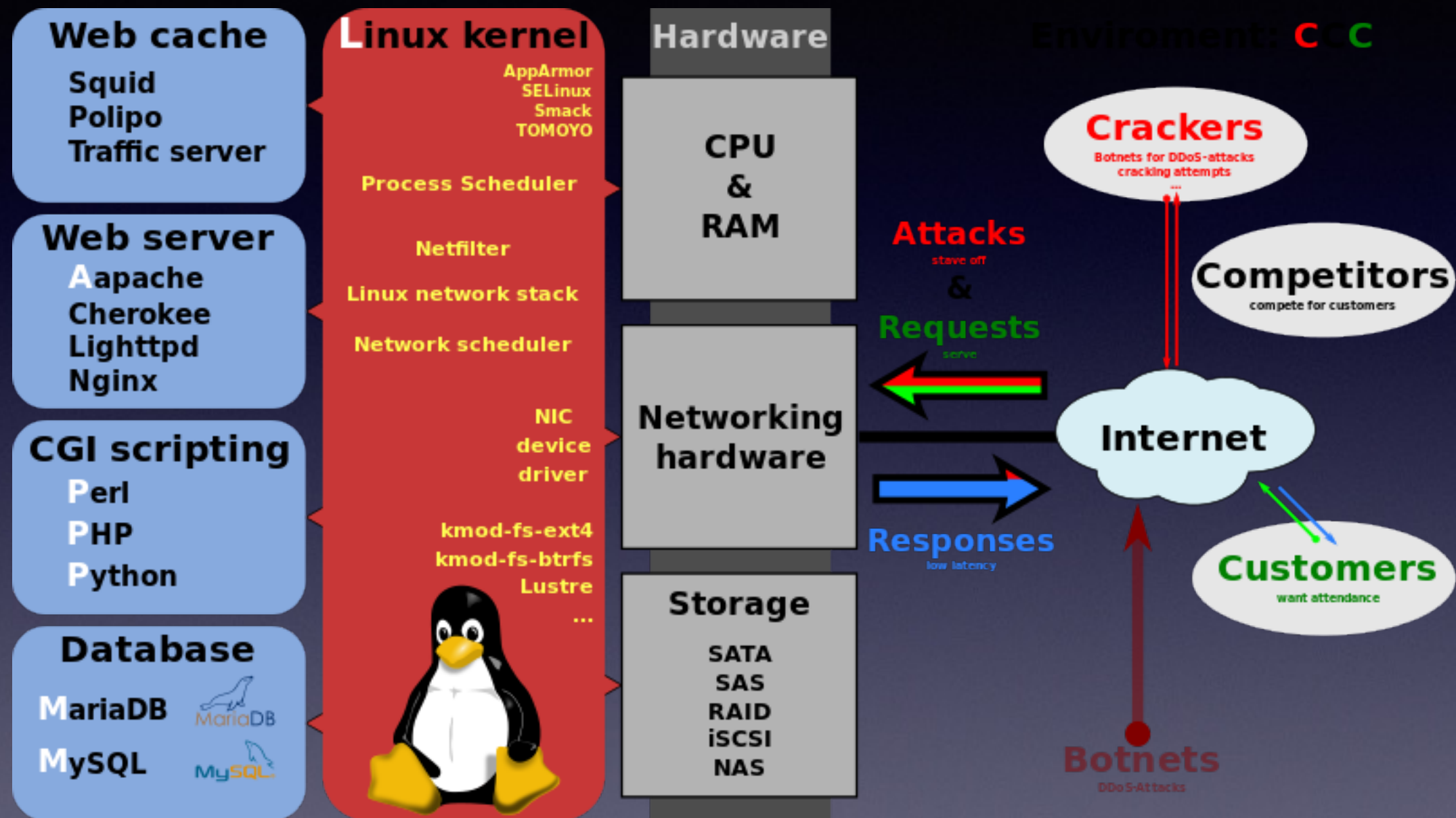### Apache httpd 2.0.65 Released and Retired   2013-07-09

MySQL

- MySQL 是一個開放原始碼的關聯式資料庫管理系統

- 原開發者為瑞典的 MySQL AB 公司

- 該公司於 2008 年被昇陽微系統（Sun Microsystems）收購。2009年，甲骨文公司（Oracle）收購昇陽微系統公司，MySQL成為Oracle旗下產品。

- MySQL 在過去由於效能高、成本低、可靠性好，已經成為最流行的開源資料庫

- 被廣泛地應用在 Internet 上的中小型網站中

- 隨著 MySQL 的不斷成熟，它也逐漸用於更多大規模網站和應用，比如維基百科、Google 和 Facebook 等網站

- 非常流行的開源軟體組合 LAMP 中的「M」指的就是 MySQL。

PHP

- PHP (PHPHypertext Preprocessor)

- 是一種開源的通用電腦指令碼語言

- 尤其適用於網路開發並可嵌入 HTML 中使用

- PHP 的語法借鑒吸收了 C 語言、Java 和 Perl 等流行電腦語言的特點，易於一般程式設計師學習

- PHP 的主要標的是允許網路開發人員快速編寫動態頁面，但 PHP 也被用於其他很多領域

- PHP 最初是由勒多夫在 1995 年開始開發的

- 現在 PHP 的標準由 PHP Group 和開放原始碼社群維護

- PHP 的應用範圍相當廣泛，尤其是在網頁程式的開發上

- 一般來說 PHP 大多執行在網頁伺服器上，透過執行 PHP 程式碼來產生使用者瀏覽的網頁

- PHP 可以在多數的伺服器和作業系統上執行，而且使用 PHP 完全是免費的

- PHP 已經被安裝在超過 2000 萬個網站和 100 萬台伺服器上

php

downloads | documentation | faq | getting help | mailing lists | licenses | wiki | reporting bugs | php.net sites | conferences | my php.net

search for [   ] In the [function list ⋮] →

What is PHP?

PHP is a widely-used general-purpose scripting language that is especially suited for Web development and can be embedded into HTML. If you are new to PHP and want to get some idea of how it works, try the introductory tutorial. After that, check out the online manual.

Ever wondered how popular PHP is? See the Netcraft Survey.

Thanks To

easyDNS
Directi
pair Networks
Server Central
Hosted Solutions
Spry VPS Hosting
OSU Open Source Lab
Yahoo! Inc.
NEXCESS.NET
Rackspace
EUKhost
SoHosted Webhosting
Redpill Linpro
Facebook
Krystal.co.uk
ServerGrove
Bauer + Kirch GmbH

Upcoming conferences: Ski PHP 2014   Madison PHP Conference
Calling for papers: Ski PHP 2014

A further update on php.net

24-Oct-2013   We are continuing to work through the repercussions of the php.net malware issue described in a news post earlier today. As part of this, the php.net systems team have audited every server operated by php.net, and have found that two servers were compromised: the server which hosted the www.php.net, static.php.net and git.php.net domains, and was previously suspected based on the JavaScript malware, and the server hosting bugs.php.net. The method by which these servers were compromised is unknown at this time.

All affected services have been migrated off those servers. We have verified that our Git repository was not compromised, and it remains in read only mode as services are brought back up in full.

As it's possible that the attackers may have accessed the private key of the php.net SSL certificate, we have revoked it immediately. We are in the process of getting a new certificate, and expect to restore access to php.net sites that require SSL (including bugs.php.net and wiki.php.net) in the next few hours.

To summarise, the situation right now is that:

- JavaScript malware was served to a small percentage of php.net users from the 22nd to the 24th of October 2013.
- Neither the source tarball downloads nor the Git repository were modified or compromised.
- Two php.net servers were compromised, and have been removed from service. All services have been migrated to new, secure servers.
- SSL access to php.net Web sites is temporarily unavailable until a new SSL certificate is issued and installed on the servers that need it.

Over the next few days, we will be taking further action:

- php.net users will have their passwords reset. Note that users of PHP are unaffected by this: this is solely for

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Stable Releases

Current PHP 5.5 Stable:
5.5.5

Current PHP 5.4 Stable:
5.4.21

Current PHP 5.3 Stable:
5.3.27

Release Candidates

5.5.6RC1 (31 Oct 2013)

5.4.22RC1 (31 Oct 2013)

Upcoming Events [add]

November

Conferences

16. Madison PHP Conference
18. ZendCon Europe 2013
21. PHP Forum 2013
21. Forum PHP 2013
28. PHP Conference Brazil

User Group Events

10. Los Angeles PHP Developers Group
11. Queen City (Charlotte) PHP
12. Hamburg
12. Dallas PHP/MySQL Users Group

XAMPP

- XAMPP 是一個把 Apache 網頁伺服器與 PHP、Perl 及 MySQL 集合在一起的安裝包

- 允許用戶可以在自己的電腦上輕易的建立網頁伺服器

- XAMPP 可支援的作業系統包含：Linux、Mac OS X、Microsoft Windows、Oracle Solaris

- XAMPP 的命名方式解釋為以下幾個單字的首字母縮寫：

X (meaning cross-platform)

Apache

MySQL

PHP

Perl

Install your favorite apps on top of XAMPP
bitnami.com/xampp

XAMPP

許多人從他們的經驗中得知安裝Apache 網站伺服器是相當不容易的一件事情， 尤其是如果要再安裝MySQL、PHP及Perl等，那就變得更加困難了。

XAMPP 是一個相當容易安裝的Apache擴充版本，它已經包括了MySQL、PHP及Perl 等軟體在其中。XAMPP 非常容易安裝及使用，你只需要：下載、解壓縮及啟動就可以了。

到目前為止，XAMPP總共有四種不同的版本：

XAMPP的Linux版本 ↗

Linux版本(已經在SuSE，RedHat，Mandrake和Debian測試過)包括：Apache, MySQL, PHP & PEAR, Perl, ProFTPD, phpMyAdmin, OpenSSL, GD, Freetype2, libjpeg, libpng, gdbm, zlib, expat, Sablotron, libxml, Ming, Webalizer, pdf class, ncurses, mod_perl, FreeTDS, gettext, mcrypt, mhash, eAccelerator, SQLite 和 IMAP C-Client。

XAMPP的Windows版本 ↗

這個版本適用於Windows 2000, XP, Vista和7。包括：Apache, MySQL, PHP + PEAR, Perl, mod_php, mod_perl, mod_ssl, OpenSSL, phpMyAdmin, Webalizer, Mercury Mail Transport System for Win32 and NetWare Systems v3.32, Ming, JpGraph, FileZilla FTP Server, mcrypt, eAccelerator, SQLite, 和 WEB-DAV + mod_auth_mysql.

XAMPP的Mac OS X版本 ↗

ac OS X的版本包括：Apache, MySQL, PHP & PEAR, SQLite, Perl, ProFTPD, phpMyAdmin, OpenSSL, GD, Freetype2, libjpeg, libpng, zlib, Ming, Webalizer, mod_perl.

XAMPP的Solaris版本 ↗