

242F Phan Đình Phùng, P1 , Phú Nhuận,Tp.HCM Hotline: 0911 536 678 <u>http://longphat.com.vn</u>

Hướng dẫn cài đặt SuiteCRM

 a. Tải Xampp b. Setup c. tải SuiteCRM d. Config Autostart Xampp e. Các lỗi thường gặp <i>II. Config Microsoft Driver for PHP for SQL Server</i> a. Kiểm tra phiên bản PHP b. Download bộ driver cho MSSQL Server b. Giải nén và copy các file dll 	I. (Cài đăt SuiteCRM	2
 b. Setup c. tải SuiteCRM d. Config Autostart Xampp e. Các lỗi thường gặp II. Config Microsoft Driver for PHP for SQL Server a. Kiểm tra phiên bản PHP b. Download bộ driver cho MSSQL Server b. Giải nén và copy các file dll 	a.	- Tải Xampp	2
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 d. Config Autostart Xampp e. Các lỗi thường gặp <i>II. Config Microsoft Driver for PHP for SQL Server</i> a. Kiểm tra phiên bản PHP b. Download bộ driver cho MSSQL Server b. Giải nén và copy các file dll 	c.	tải SuiteCRM	5
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b. Giải nén và copy các file dll	b. D	ownload bộ driver cho MSSQL Server	17
	b.	Giải nén và copy các file dll	17



Trang 1



I.Cài đặt SuiteCRM

a. Tải Xampp

https://www.apachefriends.org/index.html

b. Setup



Nhấn next



Trang 2



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http://longphat.com.vn

🖾 Setup		—		\times
Select Components				ខ
Select the components you want to install; clear Next when you are ready to continue.	the components you do n	ot want t	o install. (Click
 Server Apache MySQL FileZilla FTP Server Mercury Mail Server Tomcat Program Languages PHP Perl Program Languages phpMyAdmin Webalizer Fake Sendmail 	Click on a component to g	jet a deta	ailed desc	ription
XAMPP Installer	< Back Ne	ext >	Car	ncel

Và next tiếp



Trang 3



CÔNG TY TNHH PHẦN MỀM LONG PHÁT Đơn vị triển khai SuiteCRM

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😂 Setup	-		×
bitnami for XAMPP			
Bitnami for XAMPP provides free installers that can in Drupal, Joomla!, WordPress and many other popula apps on top of your existing XAMPP installation.	nstall r open so	urce	
Learn More		Î	
Installing Unpacking files			
KAMPP Installer Kanner Kanne	Next >	Cano	el

Và đợi đến khi nào chương trình giải nén xong!



Trang 4



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🖾 Setup	- 🗆 X
E3	Completing the XAMPP Setup Wizard Setup has finished installing XAMPP on your computer. Do you want to start the Control Panel now?
bitnami	
	< Back Finish Cancel

Finish!

c. tải SuiteCRM

https://suitecrm.com/download/



Trang 5



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Sau đó copy file đã tải về vào xampp/htdocs Và giải nén rồi đổi tên theo ý thích để dễ access Sau đó bật xampp-control.exe



Trang 6



http://longphat.com.vn



Đơn vị triển khai SuiteCRM

😢 хамрр	Control Par	nel v3.2.3 [Con	npiled: Mar 7th 20)19]			_		\times
ខ	XAN	MPP Contr	ol Panel v3	.2.3				de c	onfig
Service	Module	PID(s)	Port(s)	Actions				- 🍥 Ne	etstat
	Apache			Start	Admin	Config	Logs	2	Shell
	MySQL			Start	Admin	Config	Logs	Ex	plorer
	FileZilla			Start	Admin	Config	Logs	🚽 🛃 Se	rvices
	Mercury			Start	Admin	Config	Logs	0	Help
	Tomcat			Start	Admin	Config	Logs		Quit
2:04:39 P 2:04:39 P 2:04:39 P 2:04:39 P 2:04:39 P 2:04:39 P 2:04:39 P 2:04:39 P 2:04:39 P 2:04:39 P 2:04:59 P 2:04:59 P 2:04:59 P	M [main] M [main]	Initializing Windows ¹ XAMPP V Control Pa You are no most appli there will t about runn XAMPP In Checking ¹ All prerequ Initializing Starting C Control Pa	Control Panel Version: Enterpi ersion: 7.3.5 anel Version: 3.2 of running with a iccation stuff but vo e a security dial ing this applicat stallation Directo for prerequisites isites found Modules heck-Timer anel Ready	rise 64-bit .3 [Comp dministrato whenever y logue or th ion with ad ory: "d:\xar	iled: Mar 7th r rights! This ou do somet ings will brea ministrator r npp\"	2019] s will work fo thing with s ak! So think ights!	or ervices		

Đây là giao diện

Và nhấn nút Start của Apache và mySQL

🔀 XAMPF	Control Par	nel v3.2.3 [Co	ompiled: Mar 7th 20)19]
E Madulas	XAI	MPP Con	trol Panel v3	.2.3
Service	Module	PID(s)	Port(s)	Actions
	Apache	10120		Stop
	MySQL	8092		Stop

Sau đó truy cập đường Link

http://localhost/<tên folder của SuiteCRM mà bạn đã đổi tên>



Trang 7



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		Welcome to the SuiteCRM 7.11.4 Setu	up Wiza
	GNU AFFE	ERO GENERAL PUBLIC LICENSE	
	Conviciant	Version 3, 19 November 2007	
	Everyone i of this licer	is permitted to copy and distribute verbatim copies nese document, but changing it is not allowed.	
		Preamble	
	The GNU software an	J Affero General Public License is a free, copyleft license for ind other kinds of works, specifically designed to ensure with the computing the concert of analytic concert concerts	
	The licens	ises for most software and other practical works are designed	
	to take awa our Genera	ay your freedom to share and change the works. By contrast, al Public Licenses are intended to guarantee your freedom to change all versions of a program-Jo make a guine it remains free	
	software for	or all its users.	
	When we	a speak of free software, we are referring to freedom, not	
		IAccept Printable View	
		Choose your language: English (US)	 Nex
ccept và nh	ấn Next		
		Step 1 of 2 - Pre-Installation	on require
vstem Environment			
P Version 7.3.5		XML Parsing OK	
3 Strings Module OK		Writable SuiteCRM Configuration File (config.php) OK	
ritable Upload Directory OK		Writable Data Sub-Directories OK	
ritable Cache Sub-Directories OK IB Compression Module OK		PHP Memory Limit OK (128M) ZIP Handling Module OK	
and a compression module of the			
CRE Library OK		IMAP Module Not found: InhoundEmail and Campaigne (Email) require the IMAD librarise. Neither will be fun	ctional
CRELibrary OK JRL Module OK		IMAP Module Not found: InboundEmail and Campaigns (Email) require the IMAP libraries. Neither will be fun Upload File Size	ctional.
CRE Library OK JRL Module OK prite Support OK		IMAP Module Not found: InboundEmail and Campaigns (Email) require the IMAP libraries. Neither will be fun Upload File Size Warning: Your PHP configuration should be changed to allow files of at least 6MB to be upload PHP allows to use stream (upload://) OK	ctional. led.
CRE Library OK JRL Module OK prite Support OK scation of your PHP configuration 1 order to run the SuiteCRM schedu /D D:vampph/docs/suitecrm/demo p. xer = fcron.php	file (php.ini): D:\vampp\php\php\php.ini lers, create a batch file to run using Windo	IMAP Module Not found: InboundEmail and Campaigns (Email) require the IMAP libraries. Neither will be fun Upload File Size Warning: Your PHP configuration should be changed to allow files of at least 6MB to be upload PHP allows to use stream (upload://) OK ows Scheduled Tasks. The batch file should include the following commands:	ctional. led.
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CRE Library OK RL Module OK Sorte Support OK Contine of your PHP configuration I order to run the SuiteCRM schedu D Divamphytodessuitecrmdemo p.exe -f cron.php Catabase Configuration Specify Database Type MySQL (mysqli extension) SQL Server (Microsoft SQL Se Provide Database Name Database Name / Host Name / User / Password SuiteCRM Database User /	file (php.ini): D.\vamppiphplphp.ini lers, create a batch file to run using Windo nerver Driver for PHP) sufferm foot Same as Admin User •	MAP Module Not Found: InboundEmail and Campaigns (Email) require the IMAP libraries. Neither will be fun Upload File Size Warning: Your PHP configuration should be changed to allow files of at least GMB to be upload PHP allows to use stream (upload://) OK ows Scheduled Tasks. The batch file should include the following commands: Site Configuration * Required field Identify Administration User / SuiteCRM Admin User Password * URL of SuiteCRM Instance * Identify Instance * URL of SuiteCRM Instance * Identify Address: * Identify Address: * Identify	ctional. ck N
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Trang 8



Phần	provide	Database	Name
------	---------	----------	------

User: root

Password để trống

Phần Adminstration User

Tùy theo bạn muốn đặt

Sau khi điền xong các phần require và next thì sẽ tới phần Install của phần mềm.

SUITE CRM	Step 2 of 2 - Configuration
Install Configuration relationships	

Và đợi thôi!

SUITE CRM	Step 2 of 2 - Configuration
Creating SuiteCRM configuration file (config.php)	
Creating SuiteCRM application tables, audit tables and relationship metadata Creating the database sufferm on locahostdone	
Creating default SuiteCRM data	
Creating default users done Creating default scheduler jobs done	
The setup of SuiteCRM 7.11.4 is now complete!	
Total time: 161.03698396683 seconds.	
Approximate memory used: 50525560 bytes.	
Next	

Và next





SUITE CRM		
	(A) Username	
	+++ Password	
	LOG IN	

Và đây là màn hình sao khi config thành công

^ Required Tield	
Identify Administration User i	
SuiteCRM Application Admin Name *	admin
SuiteCRM Admin User Password *	•
Re-enter SuiteCRM Admin User Password *	•
URL of SuiteCRM Instance *	http://localhost/suitecrmdemo
Email Address: *	1

Username và password là của phần

Và đây là giao diện demo của SuiteCRM





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♠ SALES MARKETING SUPPO	RT ACTIVITIES COLLABORATION ALL		CREATE - Q (A) (A) admin
<	Note: To send record assignment notifications, an SMTP server must b	e configured in <u>Email Settings</u> .	
	SUITECRM DASHBOARD		
	S MY CALLS	✓ · · · × A MY ACTIVITY STRE	EAM 🖌 🗸 🔿 🗙
	Close Subject [©] Related to Start Date [©] Acc	(0 - 0 of 0) (0	POST
	No Data		📉 ≤ (0 - 0 of 0) 📄 🚬
	MY MEETINGS	No Data	
		(0 - 0 of 0)	
	Close Subject V Related to Start Date V	Accept?	
	MY TOP OPEN OPPORTUNITIES	✓ ① ×	
	Opportunity Name Account Name Amount Exp	(0 - 0 of 0) 💓 🔀	
	No Data		

d. Config Autostart Xampp

Nhấn vào nút Config

XAMPP	Control Pane	el v3.2.2 [Com	piled: Nov 12th 2	015]				
8	XAI	MPP Contr	ol Panel v3	.2.2			1	Config
Service	Module	PID(s)	Port(s)	Actions				Netstat
×	Apache	3272 4492	80, 443	Stop	Admin	Config	Logs	Shell
×	MySQL	5716	3306	Stop	Admin	Config	Logs	Explorer
×	FileZilla			Start	Admin	Config	Logs	Services
	Mercury			Start	Admin	Config	Logs	😣 Help
×	Tomcat			Start	Admin	Config	Logs	Quit
9:30:50 [9:30:50] 9:30:51 [9:30:51] 9:30:51] 9:30:51] 9:30:51] 9:30:51]	main] Star main] Cont Apache] Apache] mysql] mysql] Apache] mysql]	ting Check-Tin trol Panel Read Autostart a Attempting Autostart a Attempting Status cha Status cha	her dy active: starting g to start Apach- active: starting g to start MySQI ange detected: r ange detected: r	e app L app unning unning				E

và Chọn autostart cho 2 cái



Trang 11



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Configuration of Control Panel
Editor:
notepad.exe
Browser (empty = system default)
Autostart of modules
Apache 🤈 🔲 FileZilla 🔲 Tomcat
MySQL Mercury
Selected modules will be started on next launch of the Control Panel.
Start Control Panel Minimized
Enable Tomcat output window
Check default ports on startup
Show debug information
Change Language Service and Port Settings
User Defined Files Log Options
🗙 Abort 🛛 🖋 Save

Save là xong

e. Các lỗi thường gặp

Tuy nhiên trong quá trình cài đặt có thể sẽ xuất hiện một số lỗi phổ biến như : Bạn không thể Start được Apache để phân giải file php và khi đó localhost sẽ báo Not found nghĩ là không tìm thấy trang web của bạn. Mình sẽ liệt kê ra 2 cách giúp bạn khắc phục lỗi không bất được Apache trên máy tính.



Trang **12**



Cách 1: Sửa lại file HTTPD-SSL để Start Apache

Khi các bạn cài đặt XAMPP lên máy để tạo máy chủ web apache sẽ sử dụng mặc định cổng 80 để truyền dữ liệu, tuy nhiên các phần mềm khác được cài đặt trên máy đã chiếm cổng 80 để sử dụng khiến bạn không thể khởi động được Apache

8		Х	AMPP Control F	Panel v3.1.0) 3.1.0 [Co	mpiled: Sep	tember 2	0th 2012]	- 🗆 🗙	
8	XAI	MPP Conti	rol Panel v3	.1.0 3.1	.0			🎤 Config		
- Modules	Module	PID(s)	Port(s)	Actions				Netstat		
×	Apache	112(0)	i orqoj	Start	Admin	Config	Logs	Shell		
×	MySQL	9580	3306	Stop	Admin	Config	Logs	Explorer		
×	FileZilla			Start	Admin	Config	Logs			
	Mercury			Start	Admin	Config	Logs	leip		
×	Tomcat			Start	Admin	Config	Logs	Quit		
11:27:24 P 11:27:24 P 11:27:24 P 11:27:26 P 11:27:32 P 11:27:32 P 11:27:43 P 11:27:43 P 11:27:44 P 11:27:44 P 11:27:44 P 11:27:44 P	M [Apache] M [main] M [main] M [Apache] M [Mysql] M [Apache] M [Apache] M [Apache] M [Apache] M [Apache] M [Apache] M [Apache] M [Apache]	or reconfigure Starting Chec Control Panel Attempting to Status chang Attempting to Status chang Status chang Error: Apache This may be c improper privil Check the "/x and the Winde	Apache to listen k-Timer Ready start Apache app start MySQL app e detected: runnin start Apache app e detected: runnin e detected: stopp shutdown unexp lue to a blocked p eges, a crash, or ampp/apache/log ows Event Viewer	on a differer 	t port dependenci by another r file Jes	es, nethod.			^	

Để sửa lại file HTTPD-SSL bạn làm như sau:

Bước 1: Tìm đến thư mục cài đặt XAMPP > Tìm đến file HTTPD-SSL theo đường dẫn thường mặc định như sau:

C:\program fileXAMPPapacheconforiginalextra

Bước 2 : Bạn click chuột phải vào File HTTPD-SSL và chọn mở bằng notepab

> Click vào Edit trên thanh công cụ của Notepad > Chọn Replace một cửa sổ mới



Trang **13**



xuất hiện

Dòng **Find what** bạn nhập vào 443

Dòng Replace with bạn nhập vào 4499

=> Chọn **Replace All** để thay thế tất cả > Sau đó lưu nó lại và **start Apache** rồi ra trình duyệt gõ localhost để kiểm tra xem apache đã được hoạt động bình thường chưa.



Cách 2: Đổi Port cho Apache



Trang **14**



Với cách 2 này chúng ta cần đổi post cho Apache sang một cổng khác

Bước 1: Bạn bật phần mềm XAMPP lên > Click vào ô config nằm trên dòng Apache > Click vào Apache (httpd.conf) để mở file.

	XAMPP Control Panel v3.2.1 [Compiled: May 7th 2013] XAMPP Control Panel v3.2.1							– 🗆 ×	
								JP Config	
	Modules Service	Module	PID(s)	Port(s)	Actions			Netstat	
File Edit Format View Help # # This is the Apache server # It contains the configurat # serve pages over an https # directives see <url:http:, #</url:http:, 		Apache MySQL FileZilla Mercury			Start Start Start Start	Admin Admin Admin Admin	Apache (httpd.conf) Apache (httpd-ssl.co Apache (httpd-samp PHP (php.ini) phpMyAdmin (config	nf) p.conf) j.inc.php)	
<pre># Do NOT simply read the in: # what they do. They're her # consult the online docs. ` # # Required modules: mod_log_ # socache shmcb mod</pre>	14:33:08 [m 14:33:09 [m 14:33:09 [m 17:38:43 [A 17:38:44 [A	Tomcat Start Admin 14:33:08 [mysql] Attempting to start MySQL app 14:33:09 [mysql] Attempting to start MySQL app 14:33:09 [mysql] Status change detected: running 17:38:43 [Apache] Attempting to stop Apache (PID: 3340) 17:38:44 [Apache] Attempting to stop Apache (PID: 8752)				<browse> [Apache] <browse> [PHP] <browse> [phpMyAdmin]</browse></browse></browse>			
<pre># # # Pseudo Random Number Gene # Configure one or more sou # The seed data should be or # WARNING! On some platform: # is available. This means a # the second secon</pre>	17:38:45 [A 17:38:45 [A 17:38:45 [m	nysql] Apache] nysql]	Status chang	g detected: stopp	ed ed			*	
# because it would lead to v	very long	connect:	ion times	(as long as	ATCE			> .::	

Bước 2: Chọn mở bằng notepab > Click vào Edit trên thanh công cụ của Notepad

>Chọn Replace một cửa sổ mới xuất hiện

Dòng Find what bạn nhập vào 80

Dòng Replace with bạn nhập vào 81

=> Sau đó chọn Replace All > Save lại



Trang 15



Bước 3: Ra trình duyệt để kiểm tra

Các bạn vào xampp > Click vào **start Apache** rồi gõ lên trình duyệt localhost:81

8		XAMPP Contro	Panel v3.2.1	[Compiled	l: May 7th 2	2013]		
8	XA	MPP Contr	ol Panel v3	.2.1				
Modules Service	Module	PID(s)	Port(s)	Actions				
	Apache	1192 5636	81, 4499	Stop	Admin	Config	Logs	
	MySQL			Start	Admin	Config	Logs	
	FileZilla			Start	Admin	Config	Logs	
	Mercury			Start	Admin	Config	Logs	
	Tomcat			Start	Admin	Config	Logs	
18:50:18 [18:50:18 [18:50:18 [18:50:18 [18:50:18 [18:50:18 [18:50:18 [18:50:19 [[Apache] [Apache] [Apache] [Apache] [Apache] [Apache] [Apache]	or reconfigure Problem detec Port 443 in us Apache WILL You need to u or reconfigure Attempting to Status change	Apache and the ted! e by "E:\Setting\ NOT start withou ninstall/disable/re Apache and the start Apache app e detected: runnir	Control Pane VMware\vmw It the configure configure the Control Pane D	I to listen on vare-hostd.ex red ports free e blocking ap I to listen on	a different p ke -u "C:\Pro e! oplication a different p	ort gramData\\v iort	/M



Trang 16



II.Config Microsoft Driver for PHP for SQL Server

Kiểm tra phiên bản PHP a.

```
d:\xampp\php>php
PHP 7.3.5 (cli) (built: May 1 2019 13:17:17) ( ZTS MSVC15 (Visual C++ 2017) x64 )
Copyright (c) 1997-2018 The PHP Group
Zend Engine v3.3.5, Copyright (c) 1998-2018 Zend Technologies
```

Lưu ý: PHP 7.2 trở lên mới dùng được MSSQL Server

b. Download bô driver cho MSSQL Server

https://www.microsoft.com/en-us/download/details.aspx?id=20098

Giải nén và copy các file dll b.

vào Xampp\php\ext và mở php.ini tìm đến dòng

```
extension=php openssl.dll
extension=php ftp.dll
```

Và add những file phù hợp với phiên bản php và phù hợp với máy

```
extension=php openssl.dll
extension=php ftp.dll
extension=php sqlsrv 73 ts x64.dll
extension=php_pdo_sqlsrv_73_ts_x64.dll
```

Save lai rồi restart Apache.

Vào link: http://localhost/dashboard/phpinfo.php để kiểm tra

Đây là trước khi Config

```
PDO
                                                                                            enabled
                 PDO support
PDO drivers
                                                mysql, sqlite
```

Sau khi config thành công

PDO PDO support enabled PDO drivers mysql, sqlite, sqlsrv PHÂN PHỔI GIAI PHÁP GIẢI PHÁP GIẢI PHÁP GIẢI PHÁP THIÊT BI PHẨN MẾM CRM THEO QUẢN LÝ QUẢN LÝ DOANH NGHIEP GARA ÔTÔ MĂ VACH NGÀNH BÁN LE ZEBEX

Trang 17