

WordPress Server Transfers

Why Would You Transfer?

- Quality of service
- Upgrade platforms
- Prices, features, scalability
- Moving from Wordpress.com to your own web host

How Are You Going to Do This?



With a quick overview of WordPress components and how they work with servers, That's how!

What Makes a WordPress Website?





Files

Database

WordPress is Like a Pizza



How does WordPress Work?



- 1. You enter a WordPress domain in your browser
- 2. Your computer queries the domain name server (it doesn't *actually* understand the domain itself)
- 3. The domain name server then gives the computer the IP address for the website
- 4. Your computer connects to the server
- 5. The server delivers the files and database (pizza ingredients) to your browser which then render on your screen

Why is that important??

You Need to Migrate ALL those files! (SCARY!!)

ns1.dns_server.com ns2.dns_server.com ns1.inmotionhosting.com ns2.inmotionhosting.com



The 3 Steps (Self Hosted)

Migrate WordPress Test Website Point Domain

Database Migration

- Simple! Not scary:
 - Export from current web host or Wordpress.com (download a copy of it)
 - Create new database on new web host
 - Import to new database on new web host



Not Pretty, but Functional

phpMyAdmin	멾 localhost
🚮 🔜 📿 🔍	Databases SQL Status Variables Charsets
information_schema (17)	Actions
jeffre12_wrdp1 (11)	Log out
Please select a database	MySQL localhost
	MySQL connection collation: utf8_general_ci + 7
	Interface
	Language (): English +
	Style: Original +
	Custom color: 🌈 Reset
	Font size: 82% ‡

Still Not Pretty...

phpMyAdmin B localhost ► A jeffre12_wrdp1 Structure SQL Search Query Export mport Coperations 🚮 🔜 🔍 🔍 Overhead Table 🔺 Action rds 1 Type Collation Size Database 12 3-6 0 MyISAM utf8_general_ci 10.0 KiB 3.0 KiB wp_commentmeta ß 1 - X jeffre12_wrdp1 (11) wp_comments r 3-6 21 MyISAM latin1_swedish_ci 21.8 KiB 4.6 KiB \mathbf{x} wp_links 1 ß 12 3-6 🚡 🗙 7 MyISAM latin1_swedish_ci 4.5 KiB effre12_wrdp1 (11) 767.0 KiB 446.2 KiB ß 12 3-0 182 MyISAM latin1_swedish_ci wp_options Π. wp_postmeta R 3-6 **T** × 49 MyISAM latin1_swedish_ci 26.5 KiB 6.6 KiB wp_commentmeta 65 MyISAM latin1_swedish_ci 107.5 KiB wp_posts r 12 346 Π. \mathbf{x} wp_comments wp_links ß 12 3-6 10 MyISAM latin1_swedish_ci 4.9 KiB 540 B wp_terms wp_options wp_term_relationships r 3-6 19 MyISAM latin1_swedish_ci 3.8 KiB 441 B wp_postmeta wp_posts wp_term_taxonomy s f 12 34 🚡 🗙 10 MyISAM latin1_swedish_ci 4.7 KiB 280 B wp_terms 14 MyISAM latin1_swedish_ci wp_term_relationships 🖆 📜 👫 🛅 🗙 6.1 KiB wp_usermeta wp_term_taxonomy 4.1 KiB r S 🔟 🧚 🖬 🗙 1 MyISAM latin1_swedish_ci wp_usermeta wp_users := wp_users 378 MyISAM latin1_swedish_ci 961.0 KiB 461.7 KiB 11 table(s) Sum Check All / Uncheck All / Check tables having overhead **†**____ With selected: + 🚵 Print view 🔚 Data Dictionary Create new table on database jeffre12_wrdp1 Name: Number of fields: Go i ¹ May be approximate. See FAQ 3.11 -

... but that is okay. Just select "Export."

OOOH! Here We Are

phpMyAdmin	월 localhost ▶ jeffre12_wrdp1	
A 🖬 🔍 🔍	雷 Structure 認SQL Dearch 屆Query 論Export 强Import 愛Operations	
Database Jeffre12_wrdp1 (11) Jeffre12_wrdp1 (11) wp_commentmeta wp_onnextments w	Structure Import Import <tdimport< td=""> Import Import<th></th></tdimport<>	
	CodeGen CSV CSV Microsoft Word 2000 LaTeX MediaWiki Table Open Document Spreadsheet Open Document Text PDF PHP array SQL Texy! text Excel 97-2003 XLS Workbook XML YAML	
	✓ Save as file File name template ¹ :DB (✓ remember template) Compression: • None*zipped**gzipped* for the server nameDB/ database name. Other text will be kept as is.	

Ignore EVERYTHING except the "GO" button in the lower right hand corner

Export from Old Host Complete!



Now it is Time to Create a NEW Database on Your NEW server

- Some hosts may have your new database already created
- When using cPanel, use the MySQL Database wizard

Databases 🔺	Panel Accelerated
MySQL® Databases Wizard	CPRIEL 11 MySQL® Database Wizard Image: Video Tutorial MySQL Databases allow you to store lots of information in an easy to access manner. The databases themselves are not easily read by humans. MySQL databases are required by many web applications including some bulletin boards, content management systems, and others. To use a database, you'll need to create it. Only MySQL Users (different than mail or other users) that have privileges to access a database can read from or write to that database.
	Step 1: Create A Database
	Next Step

HELP LOGOL

Create a Username & Password

NORE	-inmotion hosting		
	GPanel Accelerated ₂		
MySQL® Database Wizard			-inmotion hosting
Added the database jeffre12_database2. Step 2: Create Database Users: Username: jeffre12 Note: seven characters max Password: Password (Again): Strength (why?): Very Weak (0/100) Password Generator	CPAREL 11 MySQL® Database Wizard Added user "jeffre12_jeffb" with passw Step 3: Add User to the Database User: jeffre12_jeffb Database: jeffre12_jeffb	ord "test123".	CPanel Accelerated
Create User	ALL	PRIVILEGES	
← Go Back Go Back to the Main MySQL Page	SELECT	CREATE	
Home • Trademarks • Help • Documentation • Contact	INSERT	ALTER	
		DROP	
	DELETE	LOCK TABLES	
		REFERENCES	
	CREATE TEMPORARY TABLES	CREATE ROUTINE	
	EXECUTE		
	Next Step		
Set user privileges	-	Go Back Go Back to the Main MySQL Page	
	Home Tradem	arks • Help • Documentation • Contac	t • Logout

Creating New Database Complete!



Important! Copy down your new user info:

- Database Name: jeffre12_jeffb
- Database User: jeffre12_jeffb
- Database Password: test123

Import the New Database to Your New Web Host

phpMyAdmin	gi localhost		
₫ 🖬 🔍 💭	Databases SQL Status Variables Charsets Engines	Separate Processes	shronize
 information_schema (17) 	Actions		MySQL
 jeffre12 _database2 	E Log out		33 Server: Localhost via UNIX socket
 _jwb 	MySQL localhost		Berrer version: 5.0 82-community-log Perford version: 10
 _wrdp1 (11) 	MySQL connection collation: utf8_general_ci : ()		User: jeffre12@localhost rep
Please select a database	Interface		Li DySQL charset: UTF-8 Unicode (uff8)
	P Language (D): Familie		Web server
	Cargoage (): English : S Themo / Style: Original :		▶ cparvd 11 28 37 ▶ MySOL client venion: 5.0 92 ▶ PHP sterior: myrad
	Font size: 82% =	php <mark>MyAdmin</mark>	録 localhost > 慶 jeffre12.jeffb
		A 🖬 🗐 🖏	Structure @SQL / Search @Query @Export @Import % Gerations
		Database	Flie to Import-
		_jeffb ÷	Location of the text file Choose File on file selected (Max: 50MiB)
		ieffre12 ieffb (0)	Character set of the file: utf8 ÷
		Na tables (over dia database	Imported file compression will be automatically detected from: None, gzip
		No tables found in database.	r Partial Import-
			S Allow the interruption of an import in case the script detects it is close to the PHP timeout limit. This might be good way to import large files, however it can break transactions.
			Number of records (queries) to skip from start 0
			Open Document Spreadsheet Options
			SQL SQL SQL compatibility mode NNE +
			Excel 97-2003 XLS Workbook
			60

Import to New Database Complete!

php <mark>MyAdmin</mark>	ਸ਼ੂਰੀ localhost ▶ क़ਿ jeffre12_jeffb
A 🖬 🛛 🕮	Structure 🚓 SQL Dearch a Query Export Import Operations
	Import has been successfully finished, 33 queries executed.
Database	
	File to import
jeffre12_jeffb (11)	Location of the text file Choose File no file selected (Max: 50MiB)
x	Character set of the file: utf8 +
wp commentmeta	Imported file compression will be automatically detected from: None, gzip
wp_comments wp_links wp_options wp_postmeta wp_posts wp_terms	 Partial import ✓ Allow the interruption of an import in case the script detects it is close to the PHP timeo Number of records (queries) to skip from start 0
 □ wp_term_relationships □ wp_term_taxonomy □ wp_usermeta □ wp_users 	Format of imported file Orthogonal

You will know you were successful by the green box that says the import is complete.

Migrating WordPress Files

- Your prep work is now done. You can now actually migrate your files from one host to another.
- This step is EASY. It has 2 parts:
 - Download your files to your desktop from your old host
 - Upload them to your new host

Easy tool to use! FTP client



Things You Need

- FTP username
- FTP password
- FTP host
- Public_html file (usually)



IMPORTANT NOTE! If you get lost doing this, contact your web host! They should help.

Downloading the Files from Old Host

- Create a folder on your desktop called WordPress Files
- Login to your OLD server with your FTP client

🛃 FileZilla							
File Edit View Transfo	er Server Bookmarks Help						
	Z 🛱 🕷 🎮 👒 🖉 🗉	R B n					
Host: old-ftp-host.com	Username: brad	Password:	Port:	Quickconnect 💌			
] -% -			Describe allow				
Local site: (<u> </u>	Remote site:				
My Document:	5						
E Computer							
⊡ ⊡ <u></u> D;							
E: (KINGS	TON)						
<u> </u>							
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⁶⁶ −C: 0 ⊳.	Local Disk						
E: (KINGSTON)	Removable Disk						
				Not connected to	o any server		
3 directories			Not connected.				<u> </u>
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Derveryzocal file	Direction _ Remote II		Jize Phoney	Julius			

You're Connected

🔁 brad@bradmarkle.com - FileZilla	
File Edit View Transfer Server Bookmarks Help	
<u>1</u> - <mark>7 □ ● →</mark> 2 ∦ ¹ <u>*</u> ∥ * ∅ □ , ! ? ñ	
Host: old-ftp-host.com Username: brad Password: ••••••• Port: Quickconnect 🔻	
Command: PASV Response: 227 Entering Passive Mode (74,124,203,201,112,70) Command: MLSD Response: 150 Accepted data connection Response: 226-Options: -a -l Response: 226 35 matches total Status: Directory listing successful	•
Local site: C:\Users\BradM\Desktop\	-
Image: gimp-2.6 Image: gimp-2.6	
Filename A Filesize Filetype Last modifie Filename Filesize Filetype Last modified Peterset Filetype F	ermis 🔺
File folder 2/20/2011 7. File folder 2/20/2011 6:54 07 WordPress Files DRAG & DROP! ting admin File folder 4/18/2011 11:4 07	755
📧 KeePassX - Shortcut.lnk	755
📄 notes.txt 🔹 🕺 218 Text Document 9/9/2011 5: 📗 wp-includes File folder 2/7/2011 6:06: 07	755
Deputty - Shortcut.lnk 1,176 Shortcut 9/8/2011 4: 1.htaccess 236 HTACCESS 3/6/2011 10:28 06	644
index.php 397_PHP File 5/25/2008 4:33 0/	644 -
	Ì
Selected 1 directory. Selected 28 files and 5 directories. Total size: 254,871 bytes	_
Server/Local file Direction Remote file Size Priority Status	
Oueued files Failed transfers Successful transfers	
A second seco	• • //

Repeat!

- Except reverse, on the NEW server
- You need your NEW server's FTP username, password and host.
- Navigate to where the files are going to reside (generally "public_html")
- Drag and drop all files in the "WordPress" folder that was originally on your desktop to the new folder

Configuration Time (Don't worry, its only one step*)

• Update wp-config.php file

WordPress Files				
🕞 🕘 퉬 🕶 WordPres	s Files 🔻		🝷 🚰 🛛 Search	w 😢
Organize 👻 Include in libra	ary 🔻 Share with 👻 Burn New fold	er		
📩 Favorites	Name *	Date modified	Туре	Size
Nesktop	index.php	9/9/2011 8:05 PM	PHP File	
U Downloads	license	9/9/2011 8:05 PM	Text Document	
Recent Maces	💽 readme	9/9/2011 8:05 PM	Firefox Document	
🥞 Libraries	wp-activate.php	9/9/2011 8:05 PM	PHP File	
Documents	wp-app.php	9/9/2011 8:05 PM	PHP File	
👌 Music	wp-atom.php	9/9/2011 8:05 PM	PHP File	
Pictures	wp-blog-header.php	9/9/2011 8:05 PM	PHP File	
🚼 Videos	wp-comments-post.php	9/9/2011 8:05 PM	PHP File	
🚜 Homegroup	wp-commentsrss2.php	9/9/2011 8:05 PM	PHP File	
(nonegroup	wp-config.php			
🖳 Computer	wp-config-sample.p.			
🌉 OS (C:)	wp-cron.php	9/9/2011 8:05 PM	PHP File	
_	wp-feed.php	9/9/2011 8:05 PM	PHP File	
Network	wp-links-opml.php	9/9/2011 8:05 PM	PHP File	
	wp-load.php	9/9/2011 8:05 PM	PHP File	
	wp-login.php	9/9/2011 8:05 PM	PHP File	
IMH-SHARED-PC1				
31 items	p-1			

EASY tool to use!

Any text editor (Notepad, TextEdit, Fraise, etc.)

Editing Your Config File

 Open wp-config file from your LOCAL copy of your WordPress backup with your text editor

of choice



It Should...



- Edit the settings in your config file
- Save the file locally
- Use your FTP program to upload it to your NEW server
- See? Only 1 step.

The 3 Steps



Testing Your Website

- MOST IMPORTANT THING! Do NOT update your name servers yet (unless you are feeling risky).
- You now have two choices:
 - 1. Host file modification
 - 2. Temporary URL (hint: Don't do this one, I am not going to even go over it)

Why Not a Temp URL?

- You aren't going to choose a temp URL because there are a bunch of steps that you don't want to make and content (images, etc.) would be pulling from the wrong place
- Essentially, if you screwed up you wouldn't be able to tell
- This would be sad!



Why a Host File Mod Instead?

- This allows you to test your NEW website server while allowing normal visitors to access your OLD website and server
- It reroutes you locally through the host file modification to your new server to see if anything broke
- This is the critical difference between a temp URL

What Do You Need?

- Domain name
- NEW server's IP address
- Admin access on your local PC

• What the heck is a host file anyway?



C:\Windows\System32\drivers\etc\hosts



/private/etc/hosts

Mac Host file



Editing/Saving the File



Windows Host File





Editing/Saving the File

hosts - Notepad

File Edit Format View Help

```
# Copyright (c) 1993–2009 Microsoft Corp.
#
 This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
#
  This file contains the mappings of IP addresses to host names. Each
#
  entry should be kept on an individual line. The IP address should
  be placed in the first column followed by the corresponding host name.
 The IP address and the host name should be separated by at least one
#
 space.
#
 Additionally, comments (such as these) may be inserted on individual
#
  lines or following the machine name denoted by a '#' symbol.
#
#
  For example:
#
#
       102.54.94.97 rhino.acme.com
                                               # source server
#
        38.25.63.10
                                                # x client host
                        x.acme.com
  localhost name resolution is handled within DNS itself.
#
#
        127.0.0.1
                       localhost
#
        ::1
                        localhost
112.233.21.22
                        domain.com
12.233.21.22
                        www.domain.com
12.233.21.22
                        blogdomain.com
```

One More Step for Windows...

- Clear your cache!
- Run a command line:



Type ipconfig /flushdns, hit return, you are done!

The 3 Steps



Note: Don't forget to undo the changes you made to the host files when you are done

Point Your Domain to Your NEW Server

- 2 ways to do this:
 - 1. Call your domain registrar (usually your OLD web host or GoDaddy!)
 - 2. Login to your control panel at your OLD web host and point the domain(s) to your NEW server



The 3 Steps



Transferring from WordPress.COM



Your Files & Databases Are Locked!

- Different process because wordpress.com is managed (they run updates, etc. for you)
- You do not have access to the files or database
- You can EXPORT your content, but NOT your theme and/or widgets in an XML file

Export

- Google "export from wordpress.com" to find the official documentation, it takes a few moments to export everything
- Make sure to export everything if you want your whole blog and comments to move
- Download the export file to your desktop

(<) > () M http://bra	dimh. wordpress.com /wp-admir	n/			
Me • Blog • 🚳	Info T Follow N	lew •			
E Feedbacks	No comments yet.				
Polls	۲۲ C. (۲				
Ratings	Your Stuff				
Appearance	Updated: YouTube Outloo	ok 2010 Setup	Guide () (Edi	t)	
🛞 Users	Updated: YouTube Outloo	ok 2010 Setup	Guide () (Edi	t)	
TI Tools •	Updated: Kermit loves Weezer! () (Edit)				
Available Tools Import	Updated: Kermit loves W	eezer! () (Edit)			
Delete Site					
Export	What's Hot				
Settings	WordPress.com News	Top Blogs	Top Posts	Latest	
Collapse menu	WordPress.com News	ordPress.com			
	New Site Stats Show You Who Comments Most				
	New Theme: Comet				
	New Theme: Selecta				
	Sa New Theme: Minimum				
	Giving the support sit	te a refresh			

Install WordPress on NEW server

• Get a host with a 1 click install









Transferring from WordPress.COM

Export Data Install WordPress Import Data Additional Configuration Test Website **Redirect Traffic**

Get Plugin to Import XML File

🔠 Dashboard	💿 InMotion Testing		
Posts	TI Import		
ම් Media	IIIberr		
Links	If you have posts or comments in another s	ystem, WordPress can import those into this site. To get started, choose a	
Pages	Blogger	Install the Blogger importer to import posts, comments, and users fi	
Commonte	Blogroll	Install the blogroll importer to import links in OPML format.	
Q comments	Categories and Tags Converter	Install the category/tag converter to convert existing categories to tag	
Appearance	LiveJournal	Install the LiveJournal importer to import posts from LiveJournal usi	
🖉 Plugins	Movable Type and TypePad	Install the Movable Type importer to import posts and comments fro	
8 Users	RSS	Install the RSS importer to import posts from an RSS feed.	
Th Tools	VordPress	Install the WordPress importer to import posts, pages, comments, c	
Available Tools Import Export IT Settings Collapse met	the importer you need is not listed, search	<u>n the plugins directory</u> to see if an importer is available.	

Import

 Once you navigate to the "Tools" menu again, when you select import you will be able to upload a file

🖞 Import WordPress

Howdy! Upload your WordPress eXtended RSS (WXR) file and we'll import the posts, pages, comments, custom fields, categories, and tags into this site.

Choose a WXR (xml) file to upload, then click Upload file and import.

Choose a file from your computer: (Maximum size: 128MB)	Browse
---	--------

Upload file and import

 It will ask you if you want to rename the author or keep it the same

Transferring from WordPress.COM

Export Data Install WordPress **SImport Data Additional Configuration** Test Website **Redirect Traffic**

Additional Configuration

- There are some differences:
 - Different theme
 - Lose your widgets
- Custom plugins available!
- More themes!
- Browse around Dashboard to learn more and experiment
- Get Jetpack it makes life easier. Period.

Transferring from WordPress.COM

Export Data Install WordPress Import Data Additional Configuration Test Website **Redirect Traffic**

Test Website

• Visit your URL. Boom. Done!



Transferring from WordPress.COM

Export Data Install WordPress Import Data Additional Configuration Test Website **Redirect Traffic**

Redirect Traffic

- You must pony up!
- Here is how to do it:

💹 Me 🔹 🛛 Blog 🔹 🐼	Info T Follow New T			
👚 Dashboard 💦 🚺	🗓 Brad's InMotion Hosting Blog			
Store Store	board			
Domains	Fight Now			
Posts	Content	Discussion		
약; Media	2 Posts	3 Comments		
& Links	2 Pages	3 Approved		
📳 Pages	3 Categories	O Pending		
Comments	2 Tags	O Spam		
🗐 Feedbacks	Theme Spring Loaded with 5 Widgets			
Polls				
Ratings	Akismet blocks spam from getting to your blog. There's nothing in your spam queue at the moment.			
Appearance				
🖑 Users	Recent Comments			
Tt Tools v	From BradMarkle on YouTube Outlool	k 2010 Setup Guide #		
Available Tools Import Delete Site	test comment three			



🕙 Collapse menu

±100B	\$49.97	Dusy Mout
+25GB	\$89.97	Duy Now
+50GB	\$159.97	
+100GB	\$289.97	
USD peryear		

Site Redirect

Forward visitors to another WordPress.com blog or an external site, if you're no longer blogging on WordPress.com.



wolloo per day

more.

Text Messaging

Use SMS text messages from yc

moderate comments, authentica

- 2. Domain renewals are non-refundable.
- 3. Most other upgrades can be fully refunded within 30 days of purchase.

🌆 Me 🔹 Blog 🛀	Info▼ Follow New▼			
💮 Dashboard	💿 Brad's InMotion Hosting Blog			
🚭 Store 🔹 🔻	Site Redirect			
Store				
Domains	Have you decided to take your WordPress.com site and host it yourself? Have you r			
🖉 Posts	bradimh.wordpress.com address, the <i>Site Redirect</i> upgrade will forward all traffic to To begin your <i>Site Redirect</i> upgrade purchase, enter the URL below to which you wa			
돃; Media				
P Links	http:// inmotiontesting.com Redirect to this URL			
🕒 Pages				
🖵 Comments				
🗐 Feedbacks				
Polls				
Ratings				
🗊 Appearance				
🖑 Users				

🌆 Met Blogt 🛽	M Info Follow New A
💮 Dashboard	💿 Brad's InMotion Hosting Blog
🏟 Store 🔹 🔻	Site Redirect
Store	
Domains	Please confirm that you want to redirect your blog to innotiontesting.com for \$12.00 a year.
Posts	No, return to providuo coroon
양 Media	No, retain to previous screen. Tes, retirect it:
🖉 Links	
🔲 Pages	
Comments	
🗏 Feedbacks	
Polls	
Ratings	
🗊 Appearance	
😤 Users	
Tools v	
Available Tools Import	

🌆 🔪 Me 🔹 🛛 Blog 🔻	🔞 Info 🔹 Follow	New *	
💮 Dashboard	🛞 Brad's InMotion Hosting Blog		
Store Store	Site Redirect t	o inmotiontesting.com	
Domains	Product		Cost
A Posts	Site Redirect (more	info)	
ලූ Media	1 year subscription		
🖉 Links			
🕒 Pages			Total \$12.00 USD
🖵 Comments			
🗏 Feedbacks	Have a coupon?	Apply coupon	
le Polls			
Ratings	Choose a Payme	ent Method	
🗊 Appearance			You may
🖑 Users	C Credit Card		placing
Ti Tools 🔹 🔻	O PayPal Express	PayPal	
Available Tools Import Delete Site Export			
87 Settings			
Collapse menu	· · · · · · · · · · · · · · · · · · ·		

Transferring from WordPress.COM

Export Data Install WordPress Import Data Additional Configuration Test Website **Redirect Traffic**

Thank You!

 Even longer, more detailed (read: better) version of this presentation was given by my colleague Brad at WCLA – you can view it online here: <u>http://2011.la.wordcamp.org/session/wordpr</u>

<u>ess-server-transfers-getting-it-right-the-first-</u> <u>time/</u>

- Email me! jeffb@inmotionhosting.com
- Tweet me! @inmotion_jeff