

Deploying a site that uses MODX as a content manager

When copying a site from one host to another, you may want to change user, password, database, directory structure or URL. This document will show you where to change each so that a successful migration can be done.

MODX has a graphical management system. You will need to know the user and password for this. The URL is available at:

www.<site>..com/manager

On the existing host:

- 1) Backup the database
 - a. `Mysqldump -uroot -p<password> modxdb > modxdump.sql`
- 2) Backup the directory structure
 - a. `Cd /var/www/html/`
 - b. `Tar -czf modxsite..tar.gz modxsite`
- 3) Copy both files to the new host
 - a. `Scp modxsite.tar.gz modxdump.sql newhost:/tmp/`

On the new host:

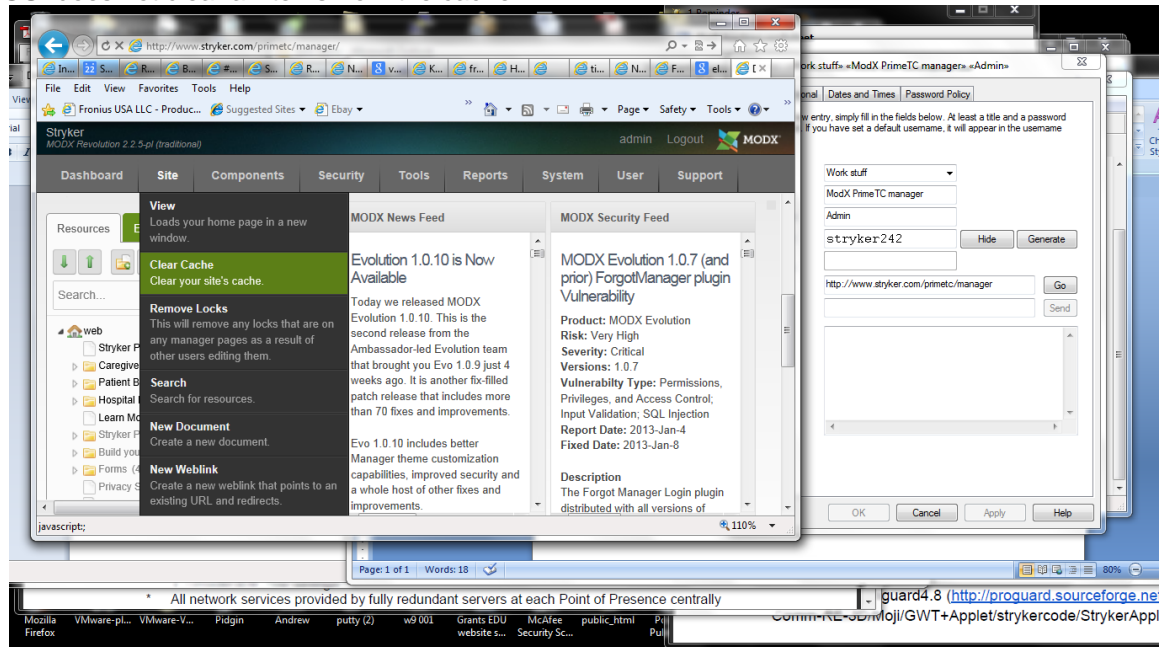
- 1) Create a new MySQL database on the destination server
 - a. Create database newmodx;
 - b. Grant all on newmodx.* to modxadmin@'localhost' identified by 'modxpassword';
- 2) Restore the database to the new host. After restore, you will want to change the service name and directory name in one of the tables.
 - a. `Mysql -umodxadmin -p modxpassword newmodx < modxdump.sql`
 - b. Update Modx_content_settings to the new values for both service name and directory name.
 - i. Update modx_context_settings set value="newmodxdir" where context_key='web' and key='base_url' limit 1;
 - ii. Update modx_context_settings set value='www.newmodxsite.com/modxdirectory' where key='site_url' and context_key='web' limit 1;
- 3) Restore the directory structure
 - a. `Cd /var/www/html/`
 - b. `Tar -xzf /tmp/modxsite.tar.gz`
 - c. `mv modxsite newmodxsite`

- 4) Modify the configuration to Restore the directory structure
 - a. Cd /var/www/html/newmodxsote/core/config/
 - b. vi config.inc.php and change http_host
 - Look for the host definition "http_host". In my case, it's in this stanza:
 - if (!defined('MODX_HTTP_HOST')) {^M
 - if(defined('PHP_SAPI') && (PHP_SAPI == "cli" || PHP_SAPI == "embed")) {^M
 - \$http_host='www.newmodx.com';^M
 - define('MODX_HTTP_HOST', \$http_host);^M
 - Modify database configurations


```
$database_type = 'mysql';^M
$database_server = 'newhost';^M
$database_user = 'modxadmin';^M
$database_password = 'modxpassword';^M
$database_connection_charset = 'utf8';^M
$dbase = 'newmodxdb';^M
$table_prefix = 'modx_';^M
$database_dsn =
'mysql:host=newhost;dbname=newmodxdb;charset=utf8';^M
```
 - Update the URL directory


```
$modx_base_url= '/newmodxdir/';
```

- 5) Clear the cache directory. Inside the manager, there is an option under Site to "clear cache". Do this. If you are still seeing issues with incorrect service names or directories, you may need to remove the <site>/core/cache/ directory and content s. I've noticed that the GUI does not clear all items from the cache.



6)



www.spkaa.com
Ph: 888-310-4540

SPK and Associates
900 E Hamilton Ave, Ste. 100
Campbell, CA 95008

- 7) Verify all is working as expected. If paths or directories are not updated, check the `core.config.inc` for missed entries.