

### SITE MIGRATION PROTOCOL:

- Ensure site is fully configured and tested on target server.
- Ensure the documents are transferred on the target server.
- Update DNS so site points to new IP.
- Update DB to hold the site in maintenance phase with no login allowed.
- Get the max id (count) values for major tables.
- Ensure all connections to DB are terminated.
- Restore DB backups on the new server. Ensure the latest time stamp of file.
- Confirm database entry operator is able to access the DB with user/pwd from remote login.
- Start the web-server on the new server.
- Compare the max id (count) values on new server obtained in step above.
- Make a test run to confirm.
- Notify (group mail) to admin/developers regarding the site migration.
- After TTL period (20/30/60 min) ensure via ping that DNS was properly updated.
- Update documentation and web site as needed.

### SITE MIGRATION STEPS (from FCI to Amigo2):

1. Switching off the apache service on FCI.  
Login as root and fire command `/usr/local/bin/apachectl stop`.
2. Login to [www.godaddy.com](http://www.godaddy.com) and update the DNS entries for all major sites, starting from surfmunchy. The TTL is ½ hour but it almost takes an hour to be updated on every node. The best way to verify is to putty on margalexom/amigo2 fire host sitename which will give the IP address. The other way is to use lynx.
3. Login to FCI as root and fire mysqldump command for databases dumps from path `/home/margalexom/dbdumps`.  
Eg. `Mysqldump -uroot -p Database > database31dec09.sql`
4. Login to Amigo2 and secure copy the database dumps from FCI.  
Sudo scp  
[margalexom@margalexom1.hosting.flyingcroc.net:/home/margalexom/dbdumps/database31dec09.sql](mailto:margalexom@margalexom1.hosting.flyingcroc.net:/home/margalexom/dbdumps/database31dec09.sql)  
For multiple database repeat steps (3) & (4).
5. Drop tables from databases on Amigo2 using the web interface or command line on `amigo1.idb.bz`.

6. Ssh [root@10.11.1.120](mailto:root@10.11.1.120) (go to amigo1). Then ftp to 10.11.1.38 (go to amigo2) with user and password.
7. Cd amigo2.idb.bz directory from ftp.
8. Get (mget multiple files) database31dec09.sql which will download the database file on amigo1.idb.bz.
9. Fire command `mysql -uroot -p Database < database31dec09.sql` which will import the database.
10. Secure copy the sites files  
Sudo `scp -r margalexom@margelexom1.hosting.flyingcroc.net:/home/margalexom/websites/site.com/wd/amigo2.id.bz/`
11. Add the apache site config file.  
Sudo `cp /etc/apache2/sites-available/amigo2 /etc/apache2/sites-available/site.com`  
Modify the site name and the document root path.
12. Enable the site with `sudo a2ensite site.com` command.
13. Start the apache service on FCI once the DNS are updated and the sites are running from Amigo2.
14. Change database related settings in table where domain is called to amigo1.idb.bz.
15. Add/Uncomment the cron to call the future\_order2.php every minute.  
Eg. `* * * * * /usr/bin/curl http://www.mainsite.com/catalog/future_order2.php > /dev/null 2>&1`

Adopted from: <https://www.integrateddatabases.com/newton/Dashboard/SiteMigrationprotocol.pdf>