**Documentation for Installing Drupal Using XAMPP**

**Step 1: Download and Install XAMPP**

1. Go to the XAMPP website (Download XAMPP (apachefriends.org)).
2. Download the XAMPP installer for your operating system (Download php 7 version xampp).
3. Run the installer and follow the on-screen instructions to install XAMPP.

**Step 2: Start Apache and MySQL**

1. Open the XAMPP Control Panel.
2. Start the Apache and MySQL services by clicking the "Start" buttons next to each service.

**Drupal Installation for Cloning the Repo and Setting Up the Staging Repo Locally**

**Step 1: Clone the Drupal setup through drp-content-management Repository**

1. Go to the XAMPP directory -> inside XAMPP open htdocs -> open the terminal.
2. Run:

“git clone [git@bitbucket.org:lifafa-team/drp-content-management.git](mailto:git@bitbucket.org:lifafa-team/drp-content-management.git) drp-content-management ”

(Add a folder name for the repository at the end of the command).

1. It will install all our drupal setup .

**Step 2: Clone the Lifafa Repository**

1. Go to the XAMPP directory -> inside XAMPP open htdocs -> open the drp-content-management folder
2. Create a sites folder and open the terminal.
3. Run:

“git clone [git@bitbucket.org:lifafa-team/drp-lifafa.git](mailto:git@bitbucket.org:lifafa-team/drp-lifafa.git) lifafa.team” (Add a folder name for the repository at the end of the command).

1. In this new folder, create the settings.php and services.yml files and copy and paste those file from the default drupal core sites folder .
2. Inside the settings.php file, add the host pattern. For example, if your local domain name is “lifafa.demo” and also configure the database here:
3. $settings['trusted\_host\_patterns'] = [
4. '^lifafa\.team$',
5. '^.+\.lifafa\.team$',
6. '^lifafa\.demo$',
7. '^.+\.lifafa\.demo$',
8. ];
9. $databases['default']['default'] = array(
10. 'database' => 'team\_lifafa',
11. 'username' => 'root',
12. 'password' => '',
13. 'prefix' => 'lifafa\_',
14. 'host' => 'localhost',
15. 'port' => '3306',
16. 'namespace' => 'Drupal\\Core\\Database\\Driver\\mysql',
17. 'driver' => 'mysql',
18. );

**Step 3: Configure Virtual Hosts**

1. Add a virtual host entry in httpd-vhost.conf (located at xampp/apache/conf/extra/httpd-vhosts.conf).
2. In this file, mention the path of your Drupal folder. This file is used to manage and run multiple sites in a single Drupal setup:
3. <VirtualHost \*:80>
4. ServerAdmin webmaster@dummy-host2.example.com
5. DocumentRoot "C:/xampp/htdocs/drp-content-management"
6. ServerName lifafa.demo
7. ErrorLog "logs/dummy-host2.example.com-error.log"
8. CustomLog "logs/dummy-host2.example.com-access.log" common
9. </VirtualHost>

**Step 4: Update the Hosts File**

1. Open Notepad as an administrator.
2. Open the hosts file located at C:\Windows\System32\drivers\etc\hosts.
3. In this file, add the hostname for your server. This should match the domain name in the settings file:
4. 127.0.0.1 lifafa.demo

**Step 5: Configure the Sites PHP File**

1. Create the sites.php file in your drp-content management setup's, sites domain folder (e.g., C:\xampp\htdocs\drp-content-management\sites).
2. In this file, add the site name with its folder name
3. $sites['lifafa.demo'] = 'lifafa.team';

**Step 6:**

1. Import a copy of the staging database in phpMyAdmin and use the same database as specified in the settings.php file.
2. Stop and start Apache and MySQL.
3. In your browser, go to http://lifafa.demo to open your staging server.

**Step 7:**

1. For opening drupal admin in ur local use the below command

“drush uli admin” it will display the admin url in terminal just copy & paste and also change the domain name on that.

1. It will open the lifafa admin in our local

**Errors:** **Opcache Issue**

1. While installing Drupal locally, you may face an opcache issue in the php.ini file.
2. Open php.ini and add the following code
3. zend\_extension=C:\xampp\php\ext\php\_opcache.dll
4. opcache.enable=1
5. opcache.enable\_cli=1
6. opcache.memory\_consumption=256
7. opcache.max\_accelerated\_files=2000
8. Stop and start the server. This should resolve the issue.