Drupal 7.60 Installation process for Ubuntu OS

Step-1: Update Linux Repository.

> *#apt-get update*

> Note: No need to follow steps 3-5, if MYSQL, PHP & Apache are already installed. Check their availability with following command in Terminal.
> #dpkg -l | grep mysql
> #dpkg -l | grep php5
> #dpkg -l | grep apache2

Step-2: Install MYSQL server

> *#apt-get install mysql-server-5.5*

Step-3: Install PHP

> *#apt-get install php5*

Step-4: Install apache2

> *#apt-get install apache2*

Step-5: Restart services *if now working First check the status as same*

> *#/etc/init.d/apache2 status*
> *#/etc/init.d/mysql status*
> *#/etc/init.d/apache2 restart*
> *#/etc/init.d/mysql restart*

Step-6: Create database drupal7 in MYSQL and GRANT All privileges

(Because Drupal stores all site information in a database, you must create

 this database in order to install Drupal, and grant Drupal certain database

 privileges (such as the ability to create tables)).

> *#mysql -u root -p*
> mysql>*create database drupal7;*
> mysql>*GRANT ALL PRIVILEGES ON drupal7.* TO root@localhost;*
> mysql>quit

Step-7: Copy Drupal package from Downloads folder to www folder

> *i)*
> Download Drupal 7.60 software package through wget command in /var/www/ folder and Unzip it in /var/www/ folder following command:
>
> #cd /var/www/
>
> #wget https://ftp.drupal.org/files/projects/drupal-7.60.tar.gz
>
> #tar -zxvf drupal-7.60.tar.gz
>
> *ii)*
> rename of folder name
> *#mv drupal-7.60 drupal7*
> *iii)*
> *#chmod -R 777 /var/www/drupal7/sites/default*
> *#mkdir /var/www/drupal7/sites/default/files*
> *#chmod -R 777 /var/www/drupal7/sites/default/files*
> *iv)*
> *#cp /var/www/drupal7/sites/default/default.settings.php*
> */var/www/drupal7/sites/default/settings.php*
> *# chmod -R 777 /var/www/drupal7/sites/default/settings.php*

Step-8: Run the installation script:

*i)*To run the install script, point your browser to the base URL of your

website (e.g., http://localhost/drupal7).

ii) On the Select an installation profile page, select Standard. Click Save and continue.

*iii)*On the Choose language page, select English. Click Save and continue.

iv)On the Database configuration page, select the type of database that you are using. Type the database name, database username and database password (the same ones you used to set up your database).

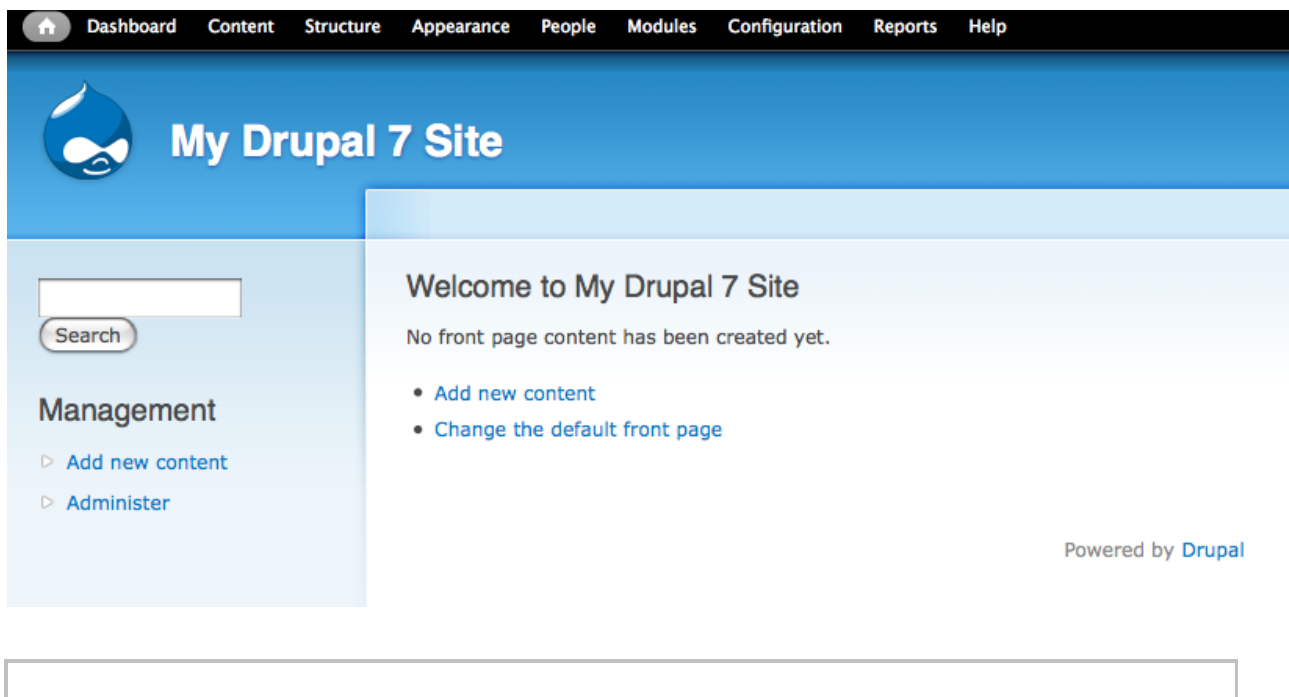Click Save and continue. The Installing Drupal page is displayed.

Step:9

On the Configure site page, do the following:

1. In the Site name field, type the name you want to give your site. In the Site email address field, type the email address that automated messages from your Drupal site will be sent *from*.
2. In the site maintenance account section, type a username, email address and password to use for the maintenance account.
3. In the server settings section, select a country from the list and then select a time zone.
4. If desired, select Check for updates automatically and Receive email notifications (recommended to keep your site's security up to date).
5. Click Save and continue.

Step:10

On the Drupal installation complete page, click the Visit your new site link.

You should see a newly installed Drupal homepage, as shown in the screenshot above. The administrator account is automatically logged in, and if you chose the "Standard" install, the black administration toolbar will be displayed across the top of the page.

Website Content Developing

1) Log In your drupal site

2) Install New theme "Responsive Blog"

cd /var/www/drupal7/sites/all/themes/
wget https://ftp.drupal.org/files/projects/responsive_blog-7.x-1.7.tar.gz
tar -zxvf responsive_blog-7.x-1.7.tar.gz

Go to Administrator appearance section and enable as default

3) Create 4 main menus i. e. ;
    -->1)About 2)Services 3)Resources 4)Facilities

4) Create 4 Basic page (with one paragraph text) each of the above the main menus and link them and also create 2 sub menu on About us menu
  - → 1)Library Team 2) Vision

5) Create 2 menus with External links i.e.
    --> 5) Shodhganga 6) DOAJ

6) Create a "News &Update " block under "Sidebar" and add following 5 news;
    -->Admission open for the academic year 2018-20
    -->National conference on Feature Librarianship on 11-12 Dec. 2018 at. TISS
    -->Applications are invited for Ph.D. in LIS
     -->PGDLIM convention on 5thOctober 2018
     -->Guest Lecture on Research method in LIS on 12th Dec 2018

7) Add/publish one content on front page. Go to Administrator
    Administration » Configuration » System » Front page

8) Create Footer as like;
    --> footer 1) OPAC
    -->footer 2)€-Resources
    -->footer 3)Remote Access

9) Update copyright information
-->Copyright ©2018. All Rights Reserved, SDTM Library, Mumbai.
cd /var/www/html/drupal51/sites/all/themes/responsive_blog/templates
vim page.tpl.php

10) Change the Header Logo/Text (**header image will be provide on practical**)

Go to Administrator Appearance section: Click on Settings of default themes → Logo image settings

11) Change the slide shows images from "slide" folder (**folder will be given on practicals**)

12) Enable the Search Box top of the Sidebar

13) Enable Site hits on sidebar
 Downoad hit counter module (from https://ftp.drupal.org/files/projects/visitors-7.x-1.9.tar.gz) and install and configure.
#cd /var/www/drupal7/sites/all/modules
#wget https://ftp.drupal.org/files/projects/visitors-7.x-1.9.tar.gz
#tar -zxvf visitors-7.x-1.9.tar.gz

14) Download **Ckeditor** module (from https://www.drupal.org/project/ckeditor) and Install and Configure.
cd /var/www/drupal7/sites/all/modules
wget https://ftp.drupal.org/files/projects/ckeditor-7.x-1.18.tar.gz
tar -zxvf ckeditor-7.x-1.1.tar.gz