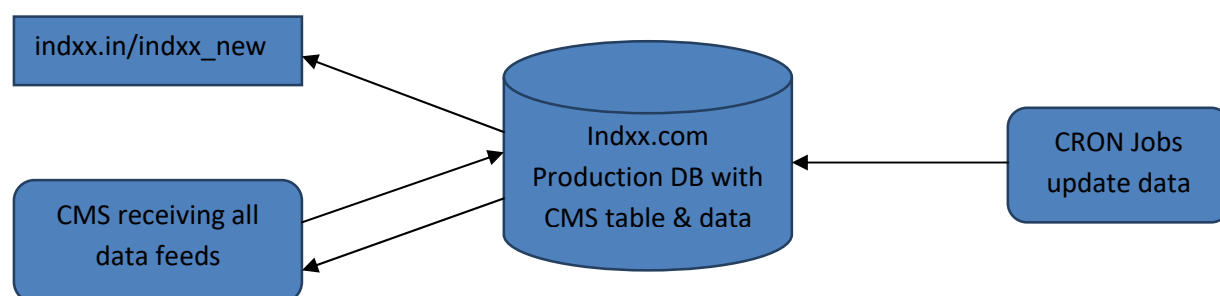# Migration Plan & Steps for Indxx PreProd

Currently **indxx.in/indxx_new** is only one instance running in production and going forward, it will be ideal to create **indxx.in/indxx_preprod** which will have same feeds as production and will be useful for investigating any issues in production without disturbing end clients.

So first we have to take back up of **indxx.in/indxx_new** with **Database** & then create folder/directory on server as "**indxx.in/preprod**". Now we have to copy code of **indxx_new** to **preprod** & Database of live server i.e **indxx.com,** please find pictorial representation below for better understanding and then will delete **indxx_new** directory.
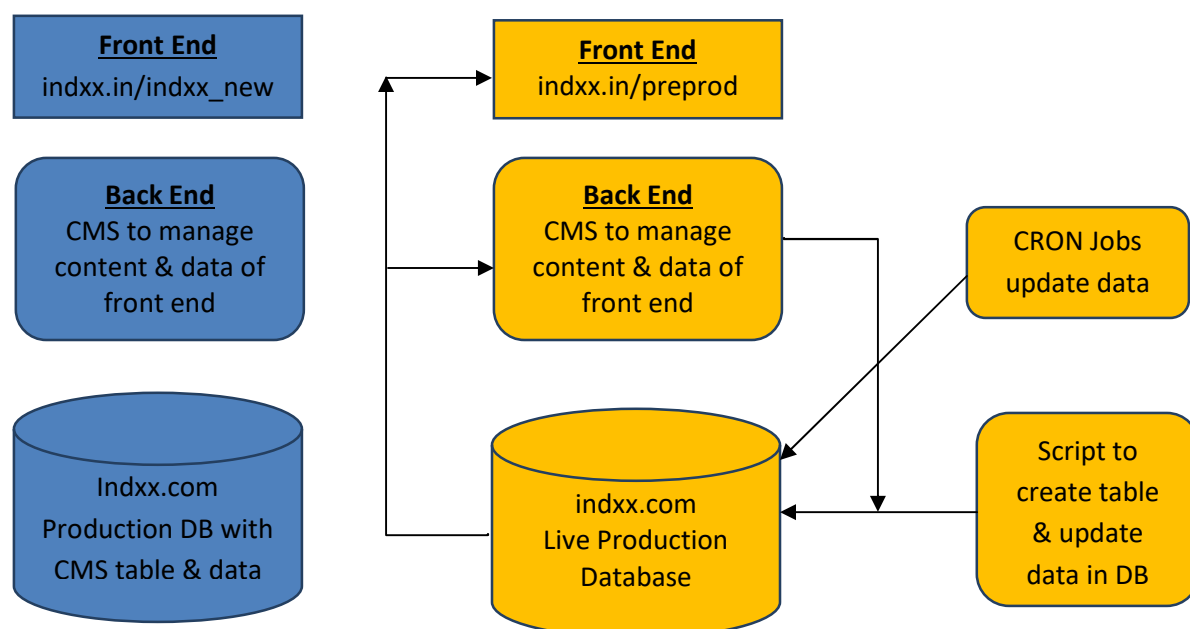
Note after migration your IT team has to do all activities on preprod what you are doing on live server like News, Press Release, Announcement etc so that data will be same at any time of view.

We have to set Cron jobs for this preprod server & have to check the data for all indices.

Current Temp Production Setup

New Setup with Temp Production and Pre-Prod

Now we have to follow below steps to create new tables required for CMS & other activities.

1. First of all we have to change base URL, database name & password in 4 files whose path are below:
   Base URL: application\config; **File Name:** config.php
   DB Name & Password: application\config; **File Name:** database.php
   DB Name & Password: newfunction.php
   DB Name & Password: excel_reader; **File Name:** dbconfig.php
2. We have to run the script file to create all new tables which is required for our website. All table names are mentioned below.
   Script File Name: create_new_table.php

indxx_characteristics	**tbl_candidate_applyed**
indxx_documents	**tbl_careers**
indxx_insights	**tbl_client_slider**
indxx_notification	**tbl_conact_us**
indxx_risk_return_statistics	**tbl_documents**
indxx_top_5_constituents	**tbl_index_other_information**
blogs	**tbl_management**
index_description	**tbl_meta_tags**
press_release	**tbl_newsletter**
tab_name	**tbl_our_services**
tbl_about_tabs	**tbl_our_value**
tbl_admin_login	**tbl_our_value_other**
tbl_announcements_notification	**tbl_overview_text**
tbl_calander	**tbl_press**

3. Now we have to run script to alter/modify **"index_description"** table to add 2 new columns i.e methodology & benchmark.
   Script File Name: altertable.php
4. Later we have to insert all data related to CMS table & CRON jobs, for that we have to run below script.
   Script File Name: insert_all_table_data.php
   After doing all above we have to update data for all others table which is required for our front end view. For that we need newfunction.php file in the same folder.
   Script File Name: update.php

Please find the table name & activities performed on it through this script.

Table Name	Activities
1. indxx	: Update tabname, productlist (Active/Deactive), weighttype (Dynamic/Static) for all indices
2. index_description	: Update name of benchmark for all indices
3. index_characteristics	: Update dividend yield for all indices from index_description table
4. index_top_5_constituents	: Update all constituents name, weight & ISIN from tbl_constituents
5. index_characteristics	: Update no of constituents from index_top_5_constituents
6. index_characteristics	: Update basedate from index_values table
7. index_characteristics	: Update 52_week_highlow from index_values table
8. index_risk_return_statistics	: Insert indices id in table & calculate Risk & Return for all active indices

5. Now we have to do some manual entries through CMS which are as below.
   a. First we have to change the **return_type** in **index_description** table for Indices having type NTR.
   b. Second we have to change the name of Indices i.e has to remove TR/PR/NTR from Index name through CMS.
   c. Third we have to upload **factsheet** for all Static Indices & **methodology** for all indices through CMS.
   d. Forth we have to update **News, Press Release & Announcements** from August to till date through CMS.
   e. Fifth we have to update **Risk & Return** statistics for all Static Indices through CMS.