**eTools Console Deployment**

eTools is already centralized on QA we just need to deploy console app on customer.

But if required to add it on QA -centralized

* Execute scripts if any for upgrade.
* Publish web API.
* Publish MVC-Dashboard
* Stop application pool for a while (on centralized live environment it will affect customer console jobs who send information to centralized DB) try to keep this period as small as possible.
* Copy pastes on QA centralized or QA test, except web.config file and application json file.

**Required Databases:**

1. eSerivceJobProxima
2. ServiceTenantTemp

Right click on DB=>Task=> GenerateScript

Choose object => table, procedure

Types of data to script=> Schema only (for tables), Data only (to insert data only).

* First take schema only script to create tables then take data only script for required data tables to insert data.
* Schema only for all tables from eServiceJob, eServiceTenantTemp Database.
* Data only for ApplicationConfiguration table

Note: Check for versions of other deployed apps which supports or not eTools

**Dump DB process:**

1. Tenant Table:

* Create or use database if already exist.
* Execute schema scripts.
* If Tenant DB is freshly created, then insert required data (Only for deployed apps)
* Create tenant code and insert connection strings for deployed apps.
* Check for ERP IP for ERP connection string.
* Check for applications local database IP.
* Check for Initial CatLog, user id and password.
* Create connection strings for required environments (UAT, Live)

1. Job Table:

* Create databases for required environments (Live, UAT)
* Execute schema scripts.
* Execute Data script on server direct, it will be easy to pick local paths on server directly.
* To access customers environment, we need to take RD access from web.

https://rckremoteapp.e-emphasys.com/RDWeb/Pages/en-US/login.aspx?ReturnUrl=/RDWeb/Pages/en-US/default.aspx

* Connect to server from RD web link.

Use RDC || Products || IP || Credential from Link Repository to access.

* Paste published folder to

Xapps/xAppsLive/eTools/ConsoleApp

Change in eTools.ConsoleApp.dll config file:

* Change connection string for eJobsLocalDB and TenantDb
* Change log folder to eTools/logs.
* Change Server to standard value (Anything for our understanding)

Edit Application Configuration values before executing data script.

* Set IDM keys (from any application deployed web file)
* Customer name from CentralizedeServiceAnalytics
* Uid, pw, Domain from repository
* Enter smtp from repo if available
* Enter log folder and ack conn strings
* Update tenant code
* Update for each jobs
* Check for base url to required products and eTools live

Insert data into mstTenantCode table for current deployment (env in capital)

For ACK URLs

Commonly used for LIVE :

9001 = http

9002 = https

for UAT:

9003 = http

9004 = https

**If you are upgrading etools console app**

**eTool JOB DB -console ,customer side DB**

1. Take all those job in mind

* Which are added in previous deployment due to lack of xapps product compatibility or missing environment issues.
* Comes in new upgrade.

1. First check all entries are present in DB if not add those entries in DB.
2. Cross verify all these following tables as per our new job needs

* Mstapplicationconfiguration
* Msttenantcode
* MstNotificationconfiguration
* New upgrade may add new master tables so check Tables with prefix MST

1. Check transactional tables also if needed and add schema for that table.

**Centralized DB**

1. Check all master tables are updated
2. New entries added in JobMaster table for new job.
3. New entry for Product in Product master, if needed
4. New entry for same job and product in product job mapping table , add entries as per xapps product it decide dashboard look

* Job is not working – add isworking as 0
* Want to show job on dashboard – showondashbord flag must be 1

**Schedule the jobs: Task Scheduler**

while creating job name

* Add prefix as eTools
* Add postfix as Environment (Live /UAT)

Create task=> for each environment

Tab wise settings=>

Replace Env by environment (Live, UAT)

Replace app name by deployed app name (in small), separate by (|) pipeline if multiple.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | General | Triggers | Actions | Conditions |
| eToolsIDMUpload\_Env | Add name, description.  Select radio for “Run whether user is logged on or not”.  Check Hidden | Daily 12 am, Repeat 5mins | Choose eTools exe from deployed folder.  Argument= idmupload appname1(eservicetech|einspection) | Uncheck “start task only if the computer is on AC power”. |
| eToolsDocumentCount\_Env | Daily 12 am | Argument= documentcount appname1|appname2(eservicetech|einspection) |
| eToolsTransactionCount\_Env | Daily 12 am | Argument= transactioncount appname(escheduler|einspection) |
| eToolsServiceCheck\_Env | Daily 12 am, Repeat 5mins | Argument= servicecheck idm |
| eToolsnonClockedOutUsers\_Env | Daily 12 am | Argument= notclockedout |
| eToolsDataDeletion\_Env | On Sunday 2 PM | Argument= datadeletion appname(einspection) |
| eToolsAutoClockout\_Env | Daily 11.30 PM | Argument= autoclockout |
| eTools\_InsertUpdateActualHoursData\_Env |  | Daily  Repeat Every 15 Mins For duration of indefinitely | Argument=visualnotification |  |
| eToolseServicePlusArchiveSOS\_Env |  | On Sunday 12 PM | Argument= fetchsosarchive |
| eToolseServicePlusSyncEmpName\_Env |  | On Sunday 12 PM | Argument= syncemployeename |
| eToolseServicePlusSyncStaging\_Env |  | Daily  Repeat Every 15 Mins | Argument= syncstaging |
| eToolseServicePlusUpdateDesc\_Env |  | On Sunday 12 PM | Argument= updatedesc |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Job Name** | **eServiceTech** | **eScheduler** | **eInspection** | **IDM** | **eForms** |
| 1 | **IDM Upload** | **3.6.2.2** | **NA** | **3.O** | **NA** | **NA** |
| 2 | **Document Count** | **3.6.2.2** | **Don't Know** | **3.O** | **NA** | **NA** |
| 3 | **Transaction Count** | **NA** | **Don't Know** | **3.O** | **NA** | **NA** |
| 4 | **Service Check** | **NA** | **NA** | **NA** | **NA** | **NA** |
| 5 | **Not Clocked Out Users** | **3.6.2.2** | **NA** | **NA** | **NA** | **NA** |
| 6 | **Data Deletion** | **NA** | **NA** | **3.O** | **NA** | **NA** |
| 7 | **Auto Clockout** | **3.8** | **NA** | **NA** | **NA** | **NA** |
| 8 | **Visual Notifications** | **NA** | **8.2.1** | **NA** | **NA** | **NA** |