Tenant Creation Automation Guide

Version 1.0

Features covered

TMS

- Company creation.
- Role assignment and filling registry value.
- Password reset.

SIM

- Client Configuration.
- Filling accesses for MDM.
- Adding and uploading reference master data.
- Creating field global payment term and assigning views to it.
- Making necessary changes for Purchasing views under Manage View.
- Making Payment term non- mandatory.
- Activating and deactivating fields/views.
- Adding all facilities for client.
- Again, selecting access for payment under view-access for MDM

eProc

- Changing user specified password.
- Filling values of System Tenant configuration.

eInvoice

- Filling values of System Tenant configuration.

eCatalog

- Filling values of System Tenant configuration.

CMD

- Filling values of System Tenant configuration.
- Activating/Uploading files for master data Components.

Steps to be followed for Automated Tenant Creation

1 Configuration files

Navigate to input >> Tenant Creation folder under project folder to view below excel files.

- newCompanyData   : to fill the data for new company.
- registryValues   : to fill registry values for allocated products.
- masterValues   : to fill the DB names, columns and details for SIM.
- rolesForAdminUser   : to specify the roles to be allocated for client admin.
- simConfigurationData   : to specify data related to sim.
- systemTenantConfigurationValuesWithEntity   : to specify all the product wise system tenant configuration values in respective product's sheets.
- masterDataCmd   : to specify the CMD data to activate/upload

Follow below guidelines while filling data in above excel files:
- Inspect and copy values from Browser Console and paste it in respective cell.
- Any data left blank will be omitted from filling respective value during execution.

Note: Any modifications in locator excel will lead to automation failure as script won't be able to locate UI elements.

2 For newCompanyData excel

- Data for checkboxes like SaaS Company should be filled with values true/false.

2	companyName	SeaWorld_Company	
3	saasCompany		
4	delegateCompany		true/false
5	bridgeUrl		

6	componentRainbow	FALSE	
7	componentCrms	true	
8	ComponentOneView	true	true/false

- The fields Unique key and value are to be comma separated (e.g. key1, key2 and value1, value2)
- Also, company admin and client identifier should not be missed.

displayNameAdmin	SeaWorld_Admin	
emailIdAdmin	seaworld_admin@zycus.com	
passwordToSetForAdminUser	eProc@123	
uniqueKeyType		coma separated
uniqueKeyValue		coma separated
timezone	IST - (GMT+05:30)	
numberformat	#,###,###.##	
dateFormat	dd/MM/yyyy	
timeFormat	12 Hours	24 Hours/12 Hours
currency	INR	
locale	English (US)	English (US)
smtpServerId		
portNumber	25	
decimalPrecision	2	
ClientIdentifierForSim	swor	
ClientDescriptionForSim	TestingPurpose	

3 For registryValue excel

- The Product name must be same as displayed in UI and is case sensitive

iSource	COMMON_STATIC_CONTENT_URL	https://preprod-emirates.zycus.net/static
iSource	WORKFLOW_CLIENT_URL	http://192.168.1.102:8180/qatest/service
iSource	createActivityURL	https://isourceqa.zycus.net/qatest/irequest/creat
iSource	IS_CUSTOM_THEMING_AP	TRUE
iSource	internalProductURL	http://192.168.1.102:8180/qatest
Dashboard	Widget_Service_URL	http://192.168.2.93:8280/pm/wizard.rpt
Dashboard	Dashboard_Server_URL	http://192.168.1.144:4488/DashboardWeb/dashbo

4 For masterValues Excel sheet

- Client-identifier must not be appended against table name (e.g. given below)

| Tablename	DisplayName	ColumnName	DisplayField	FieldType	FieldLength	IsRequired	Constraint	Comments
Transaction_Count	Transaction_Count	Transaction_Count	Transaction_Count	Text	50	TRUE	Unique	Do not have to append client identifier against tableName
Transaction_Count	Transaction_Count	Description	Description	Text	50	FALSE	Unique	
Transaction_Count	Transaction_Count	Display_Value	Display_Value	Text	50	TRUE	Unique	
PO_Submission	PO_Submission	PO_Submission	PO_Submission	Text	50	TRUE	Unique	
PO_Submission	PO_Submission	Description	Description	Text	50	FALSE	Unique	
PO_Submission	PO_Submission	Display_Code	Dispaly_Code	Text	50	TRUE	Unique	
INCO_Terms	INCO_Terms	INCO_TYPE	INCO_TYPE	Text	50	TRUE	Unique	

5 For rolesForAdminUser Excel sheet

- All the roles added will be selected

RoleName	AssignedToProduct	RoleType
Request _Manager		
Administrator		
Request Approver		
Requestor		
MDM		
System tenant config CMD		
CRMS_BU_ADMIN		
CRMS_UTILITY_ADMIN		

- For roles with same name, you can differentiate by specifying either its **product** (Assigned to), or **Role type**, or **BOTH**, as displayed in UI (must be case sensitive). Anything left blank will be omitted from comparison of matching exact role.

| ☑ | Automation Role | TMS | Default Role |
| ☐ | Automation Role | eInvoice | Default Role |

	A	B	C
1	RoleName	AssignedToProduct	RoleType
2	Automation Role	TMS	Default Role
3	MDM		
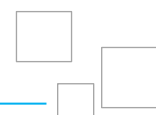
6   For simConfigurationData Excel sheet

- The views to be selected are to be marked 'true'
- For the folder containing the files for reference master files to upload, mention the file path in the format:

<div align="center">

D:\\FolderName\\

Or

D:\\Full\\Path\\Separated\\By\\DoubleSlash\\   ←   **Ending with double slash**

</div>

7	viewAccessesFinancial	TRUE
8	viewAccessesInsurance	TRUE
9	viewAccessesPurchasing	TRUE
10	simMasterDataFilesLocation	D:\\Sim Master Data\\
11		

7   For the above folder containing master data files

- File names should be:

  - Facility_Master
  - INCO_Terms
  - Legal_Structure
  - Payment_Terms
  - Payment_Type
  - PO_Submission
  - Supplier_Type
  - System_Master
  - System_Plant_Relation
  - Transaction_Count

- If file name will differ, it will not be uploaded hence tending to failure of execution.
  - System_Plant_Relation should not be changed to System Facility Relation.
  - Client Identifier must not be appended in file name.
- File must be provided post manual verification of the internal format and correct data for uploading as verification of data is out of scope for Automation.

8   For systemTenantConfigurationValuesWithEntity excel sheet

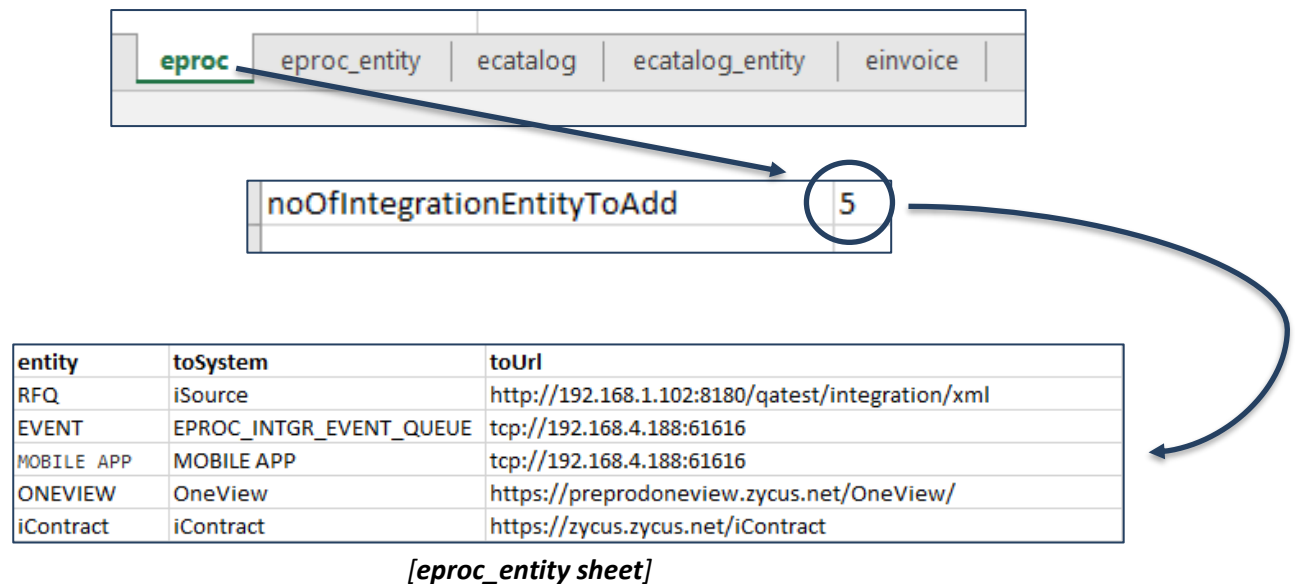- Radio button of 'YES/NO' type is to specify with value as yes/no in excel sheet.
- Any field left blank will not be selected.

enableAnalyticsCRMSIntegration	No
allowSupplierAdditionForStockItem	
useRegionsForScoping	
isInvoiceIntegrated	Yes
isAutoRetriggerDocuments	Yes

- All product wise data should be filled in respective product sheet (shown in below pointer)

- No of integration entity of a product should match the values provided in that products' entity sheet (e.g. below figure)

eproc	eproc_entity	ecatalog	ecatalog_entity	einvoice

noOfIntegrationEntityToAdd	5

entity	toSystem	toUrl
RFQ	iSource	http://192.168.1.102:8180/qatest/integration/xml
EVENT	EPROC_INTGR_EVENT_QUEUE	tcp://192.168.4.188:61616
MOBILE APP	MOBILE APP	tcp://192.168.4.188:61616
ONEVIEW	OneView	https://preprodoneview.zycus.net/OneView/
iContract	iContract	https://zycus.zycus.net/iContract

[eproc_entity sheet]

9   For masterDataCmd excel sheet

- The fields to upload/activate are to be marked 'yes'
- The kind of activation is mentioned in the comments i.e for 'activate all' type, all the values present in that master will be activated and for 'via upload' the uploading will be done by uploading zip files. For 'consider next sheet if Yes' the levels are to be mentioned in the respective sheet.

	Components	Values	Comments
1	Components	Values	Comments
2	Currency	yes	
3	ExchangeRates	yes	
4	UOM		
5	Countries		
6	State		activate all
7	Catagories		
8	DeliveryTerms		
9	PurchaseTypes		
0	Regions	yes	
1	Address	yes	
2	Locations	yes	
3	Departments	yes	
4	CostCenters	yes	via upload
5	Projects	yes	
6	Designation	yes	
7	PaymentTerms		
8	OrganizationUnits		Consider next sheet if YES
9	ProcurementScopeConfig		

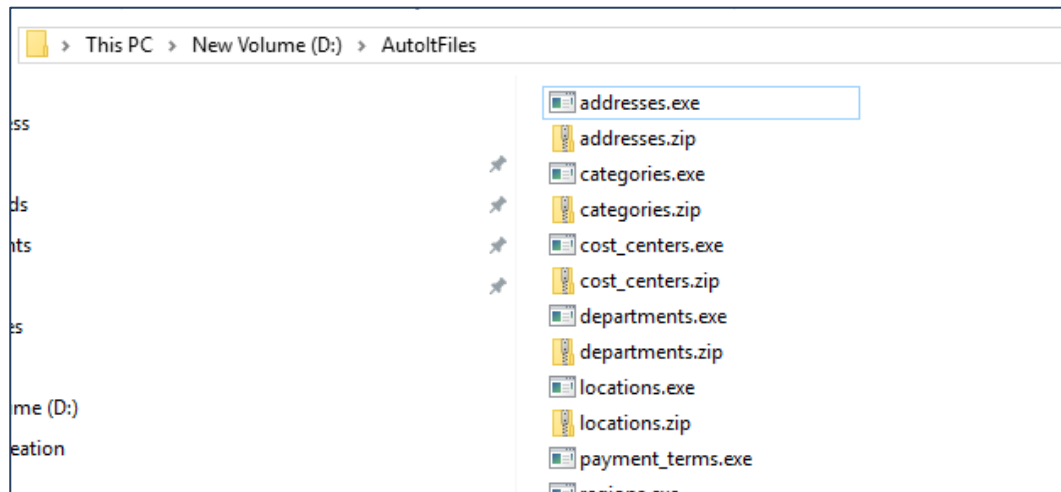| Main	OULevel	procurementScopeLevel

For CMD activation of data (activate all type)

- The master data to be activated are to be marked yes only.

For Uploading (via upload type)

- Folder named 'AutoItFiles' should be unzipped and should be placed on D drive (D:\AutoItFiles)
- This folder will contain all the zip files that are to be uploaded into cmd master data

- There will be other exe files present which should not be deleted or tampered as it is responsible for uploading the respective file of CMD to upload. Any modification will cause failure while uploading.

For OU levels and Procurement scope

- Levels should be mentioned like below

OuLevel	Name
level1	abcd
level2	efgh

- Procurement scope should be mentioned like below

Scope Name	Org entities	Comments
Admin Scope	Region,Location	Org entities has to be comma separated
Requesting Scop	Organizational Structure	

10 For URLs and set up

- Kindly refer to config.properties and put below values:
  - URL
  - TMS_URL
  - TMS_URL_COMPANY_LISTING
  - SIM_URL
  - SIM_URL_ADMIN
  - EINVOICE_URL
  - RESET_PASSWORD_LINK
  - AdminUsername
  - AdminPassword

```
370 #Preprod
371 URL=https://testeproc.zycus.net:8443/eproc/requisition/default/searchCatalog
372
373 #Preprod
374 TMS_URL=https://preprodtenant.zycus.net/tms/adminc/user/userListings.tms
375 TMS_URL_COMPANY_LISTING=https://preprodtenant.zycus.net/tms/admin/company/companyListings.tms
376
377 #PREPROD
378 SIM_URL=https://simpreprod.zycus.net/sim/zy.do?action=listAllUsers
379 SIM_URL_ADMIN=https://simpreprod.zycus.net/sim/?isFromProductSelection=true&locale=en_US&isNew=true
380
381 EINVOICE_URL=https://einvoice_preprod.zycus.net:8443/einvoice/
382
383 #Preprod
384 RESET_PASSWORD_LINK=https://preprodtenant.zycus.net/tms/resetPassword.jsp
385
386 #Preprod
387 AdminUsername=admin@zycus.com
388 AdminPassword=Zycus@123
389 |
```

11 To Run utility

- Run the 'run1.bat' file
- Browser will be launched showing the complete steps of execution and should not be manually intervened as it may lead to failure of any step.

	log4j.properties	10/4/2017 3:45 PM	PROPERTIES File
	run1	6/13/2018 2:12 PM	Windows Batch File
	tenantCreationProject-1.0-jar-with-depe…	6/13/2018 3:49 PM	Executable Jar File