IICS Deployment Document  
(step-by-step list to validate, prepare, and launch a new environment)

# Introduction

The IICS Deployment Document was developed to help launch new workflow environments in the platform for example: Copying the Quality Assurance (Q.A.). environment to Production (PROD) environment.

This guide was built to show all the steps from the first Operational System commands to Task-flow Solutions Importation. From Load-Control Tables to Specific Objects for analysis.

Deployment of the Rest API Script (can be a chapter within the Deployment of Shell Scripts)

. Very important. At this time of deployment, the information about who is responsible is very important.

- Python Installation

- Make sure you have a user created to be used by the Rest API script. This user is IICS User in Prod, with the characteristics of the currently used user Rest\_update (include the user role details by pulling a screenshot from QA or DEV).

- Ensure that the configuration file is pointing to the Prod ORg with the PROD user.

- Ensure that the Python code has the TAG filter (as it is in DEV/QA, which basically by copying the scripts directory the code will already be migrated with this feature)

Deployment of the PC parameters to IICS (this step is CRUCIAL to have the SRVAM participate because he knows the values of the DAC parameters).

- Make a copy of the last parameter file named MASTER\_SOURCE\_OF\_PARAMETERS.txt

- Edit the file MASTER\_SOURCE\_OF\_PARAMETERS.txt and include $$PRUNE\_DAYS=1 (confirm with Sravam)

- Edit the other CSV file (the master source parameters of the secondary taskflows) and update the parameter values, including the new parameters that were created by SRAVAM in the last modifications)

- Execute the map (which has no Taskflow) to load these parameters on the production parameters table (INCLUDE TABLE NAME).

Deployment of DEPENDENCY between taskflows file

- Deploy the DEPENDENCY\_TABLE\_DESIGN file on the agent

- Deploy the m\_LOAD\_DEPENDENCY\_TABLE mapping to PRD  
  
Step-by-step Validation:

* instructions on how to export/import
* master source of parameters steps
* parameter setsts deployment steps for multi-region
* shell scriptsts deployment (snowflake, oracle, rest API for Metadata Extraction)

Tags for identifying taskflows for metadata extraction

* bash\_profile variables
* secure agent parameters (at parent-org level)

Connections (at parent-org level)

* Storage (/INFA\_SHARED filesystem)
* Snowflake databases/tables/security

and any other item I did not mention here (based on things not directly related to IICS objects)

The idea is to make sure that everything is covered, what is missing, and have a master reference that covers all steps holistically.

And it would be better to exercise the deployment/adjust/update doc/deployment until the process is solid>

If the exercise can be done at the PROD environment (in the cutover day all the tables in prod are recreated/truncated) we're going to be ready and able to anticipate anything that needs to be covered.

Control-M steps (Nancy must provide)  
Contro-M commands at this [spreadsheet](https://donaldson.sharepoint.com/:x:/r/sites/IT-Project-Mgmt-Office-Enterprise-Data-Platform/Shared%20Documents/Technical%20Documents/IICS%20Technical%20Documents/Control-M%20Jobs%20Setup%20and%20Frequency.xlsx?d=w529148f06a37486c8c03e3b58a619063&csf=1&web=1&e=1iKhV9)