**Technical Documentation – Deploy\_PENFAX\_PENCALC**

1. Workflow – Deploys PENFAX Artifacts to an Business Servers, Online and BATCH Environments.



1. Survey – User Supplied Variables

|  |  |  |  |
| --- | --- | --- | --- |
| **Survey Extra Variables** | **Prompt** | **Type** | **Description and Usage** |
| FFV | Fixed For Value | Text | The fixed for value for the deployment – must be for the format ###.###.###.### (i.e. 58.0.12.0). Numbers only with a maximum of 3 digits and there must be 4 sets separated with a ‘.’. Used to create staging and deployments directories. Used by all job templates in the workflow |
| STAGE | Stage PENFAX Artifacts | Multiple Choice Single Pick | True or false – Copies the MSC Artifacts from the MOS Build Releases Directory to the Staging folder. |
| ReleaseDir | Build Directory | Text | The /pencmw\_common/MOS/releases/ subdirectory that contains the MSC artifacts |
| PENCALC | Deploy PENCALC to Business Servers | Multiple Choice Single Pick | false, DEV, TEST, MAINT, PROD – Select the Business Server Environment to deploy PENCALC to. Leave it false if it is NOT to be deployed |
| Online\_Batch | Deploy to Online and/or Batch | Multiple Choice Single Pick | false, Both Online and Batch, Online, Batch – Select if Online, Batch or Both are to have PENFAX deployed. Leave it false if it is NOT to be deployed |
| ENV | Deploy to Which Environment | Multiple Choice Single Pick | The Environment to Deploy to: DEV3, DEVL, RDEV, TST1, TST2, TST3, TRNG, TRNM, MUAT, IPASP. Only a single environment can be deployed to per workflow execution |

1. Jobs Used by the workflow

| **Job Template** | **Ansible Playbook** | **Project** | **Description and Usage** |
| --- | --- | --- | --- |
| create\_penfax\_vars | create\_penfax\_vars\_ansible.yml | PENFAX Deployments | DeploymentLogDir: /codemove\_common/dp\_automation/deployments/068.000/068.000.015.000/PENFAX  StageDir: /codemove\_common/dp\_automation/stage/068.000/068.000.015.000/PENFAX  batch\_dir: /home/jcs/jcsrdev  date\_time: '20200708\_1438'  deployment\_batch\_host: diagoras1bcp  deployment\_online\_host: none  jcsOwner: jcsrdev.devel  online\_compile\_dir: /export\_home/codemove/compile/ipas12c/rdev/penfax  online\_runtime\_dir: /opt/ipas\_app\_dev/rdev/penfax  pencalc\_hosts: none  stage\_server: diagoras1bcp |
| stage\_files\_penfax\_ansible | deploy\_msc\_ansible.yml | PENFAX Deployments |  |
| deploy\_pencalc\_to\_business\_servers\_ansible | Stage\_files\_penfax\_ansible.yml | PENFAX Deployments |  |
| deploy\_online\_ansible |  | PENFAX Deployments |  |
| deploy\_batch\_ansible |  | PENFAX Deployments |  |