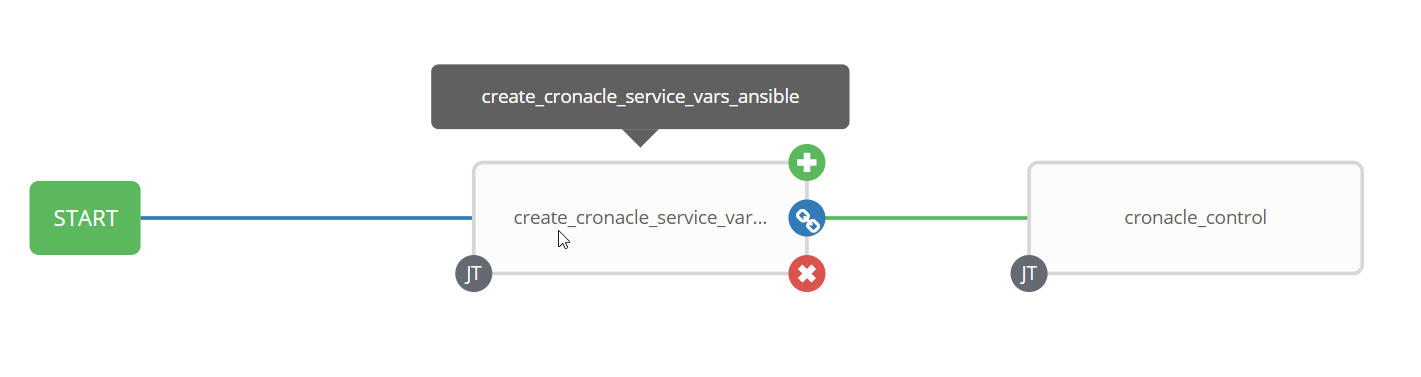
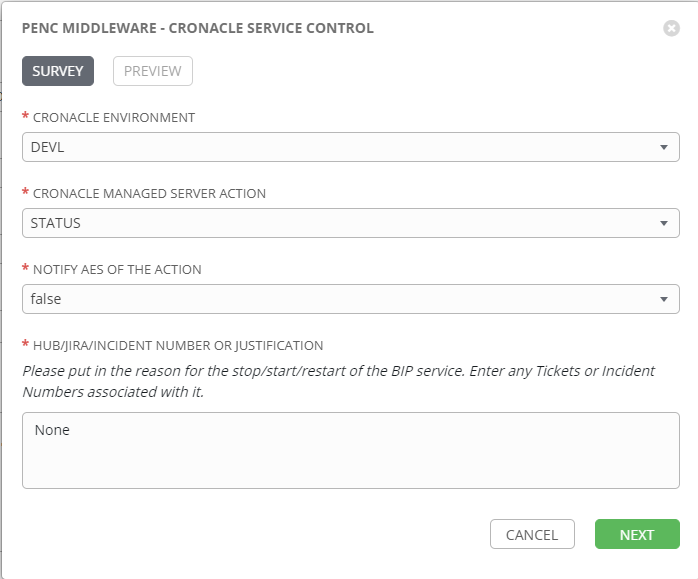
**Technical Documentation – PENC MiddleWare – Cronacle Service Control**

1. Workflow – Stops, Starts, Restarts the Cronacle Weblogic Managed Server (m1) for Development and Test Environments, typically during Database Refreshes.



1. Survey – User Supplied Variables



| **Survey Extra Variables** | **Prompt** | **Type** | **Description and Usage** |
| --- | --- | --- | --- |
| ENV | Cronacle Environment | Multiple Choice Single Pick | This is a drop down list of the current BIP Environments  DEVL  RDEV  DEV3  TST1  TST2  TST3 |
| cronacle\_command | Cronacle Managed Server Action | Multiple Choice Single Pick | The available commands for the Cronacle Environment  Drop Down List:  RESTART  START  STATUS  STOP |
| notify\_aes | Notif AES Of The Action | Multiple Choice Single Pick | If set to true send an email to the email addresses defined in {{aes\_mail\_list}}. |
| aes\_note | HUB/JIRA/INCIDENT Number or Justification | Text Area (20000 characters) | Any information entered here will be included in the emails generated. |

1. Jobs Used by the workflow - http://owl.penc.local:18080/svn/deploy\_automation/trunk/Ansible\_PlayBooks/Utilities

| **Job Template** | **Ansible Playbook** | **Credentials / host** | **Project** | **Description and Usage** |
| --- | --- | --- | --- | --- |
| create\_cronacle\_service\_vars\_ansible | create\_cronacle\_service\_vars\_ansible.yml | None – runs on localhost as awx linux user | Utilities | Creates Variables/Artifacts for use within the workflows, based on the User supplied survey results.  Artifacts Defined with examples  cronacle\_admin\_port: 9001  cronacle\_domain: wls\_domain\_jct3  cronacle\_host: thalassa1bcp  cronacle\_m1\_port: 9003  date\_time: '20210822\_0928'  domain\_location: /pencmw/oracle/domains  oracle\_base: /pencmw/oracle  oracle\_home: /pencmw/oracle/fmw/oracle\_home2  tower\_host: pdeploy1bcp.penc.local  weblogic\_home: /pencmw/oracle/fmw/oracle\_home2/wlserver |
| cronacle\_control | cronacle\_control.yml | oracle for {{cronacle\_host}}  PMP\_ANSIBLE\_AUTH\_TOKEN for the Ansible Password Manager Pro API | Utilities | On {{cronacle\_host}}:   * Obtains the WEBLOGIC\_ADMIN Resource and Accound IDs from password managerpro using the {{ans\_auth\_token}} by passing in ‘WEBLOGIC\_ADMIN and {{ENV}}\_JCS\_WEBLOGIC\_ADMIN to the getResourceAccountDetails API. * Obtains the password from Password Manager Pro by passing the RESOURCEID and ACCOUNTID to the getResourceAccountDetails API.   With {{cronacle\_command}} == ‘STOP’ or ‘RESTART’   * retrieves the process id for the Cronacle Weblogic Admin Server into {{admin\_weblogic\_pid}} variable. * retrieves the process id for the Cronacle Weblogic Manged Server (m1) to be stopped into {{m1\_weblogic\_pid}} variable. * Executes:   1. {{oracle\_home}}/oracle\_common/common/bin/commEnv.sh   2. {{domain\_location}}/{{cronacle\_domain}}/bin/setDomainEnv.sh   3. {{domain\_location}}/{{cronacle\_domain}}/bin/stopManagedWebLogic.sh m1 t3://{{cronacle\_host}}:{{cronacle\_admin\_port}} weblogic\_admin {{WeblogicAdminPassword}} * waits for the /proc/{{m1\_weblogic\_pid.stdout}}/status to longer exist (i.e. weblogic managed server (m1) process no longer exists)   With {{cronacle\_command}} == ‘START’ or ‘RESTART’   * Execute   1. {{oracle\_home}}/oracle\_common/common/bin/commEnv.sh   2. {{domain\_location}}/{{cronacle\_domain}}/bin/setDomainEnv.sh   3. cd {{domain\_location}}/{{cronacle\_domain}}/bin   4. nohup {{domain\_location}}/{{cronacle\_domain}}/bin/startManagedWebLogic.sh m1 t3://{{cronacle\_host}}:{{cronacle\_admin\_port}} >/dev/null 2>1& * Waits for the {{cronacle\_m1\_port}} to be available   With {{cronacle\_command}} == ‘STATUS’ or ‘STOP’ or ‘START’ or ‘RESTART’   * Checks the url http://{{cronacle\_host}}.penc.local:{{cronacle\_m1\_port}}/scheduler * Sends an email to the Ansible Tower user who initiated the workflow with the results * If {{notify\_aes}} is set to true send an email to the addresses defined in {{aes\_mail\_list}} with the results |

1. Workflow Extra Vars – Defined at the Workflow Level

|  |  |  |
| --- | --- | --- |
| **Extra Variable** | **Example Values** | **Description and Usage** |
| pmp\_url | pmp\_url: 'https://acisbcp.penc.local:7272' | Password Manager Pro URL for the password datastore for the weblogic\_admin account |
| aes\_mail\_list | aes\_mail\_list:  - Mike.Charchuk@dxcas.com | If this variable is defined to anything other than ‘’ and {{notify\_aes}} == true an email with the actions taken to addresses defined in {{aes\_mail\_list}}.  Note: the following are valid aes\_mail\_list entries:  aes\_mail\_list: ‘’  aes\_mail\_list:   * [Mike.Charchuk@pensionsbc.ca](mailto:Mike.Charchuk@pensionsbc.ca) * [Mike.Charchuk@dxcas.com](mailto:Mike.Charchuk@dxcas.com)   aes\_mail\_list:   * [Mike.Charchuk@pensionsbc.ca](mailto:Mike.Charchuk@pensionsbc.ca) |