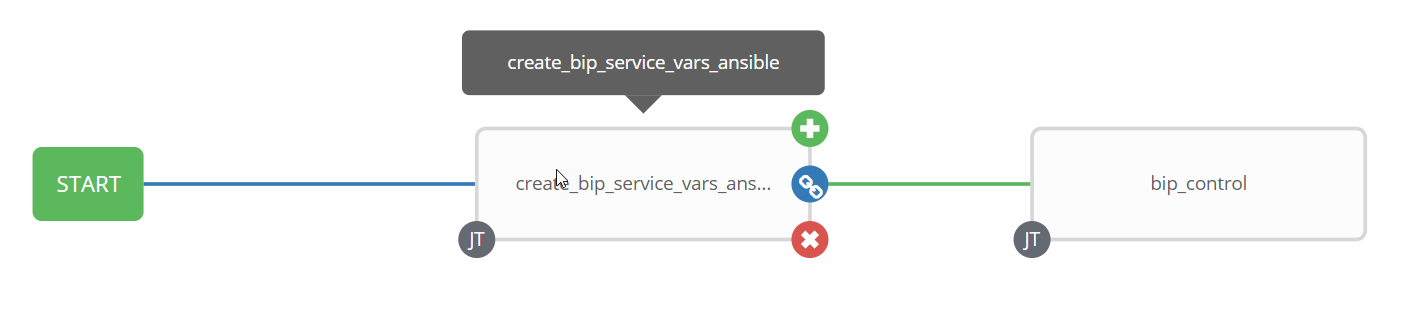
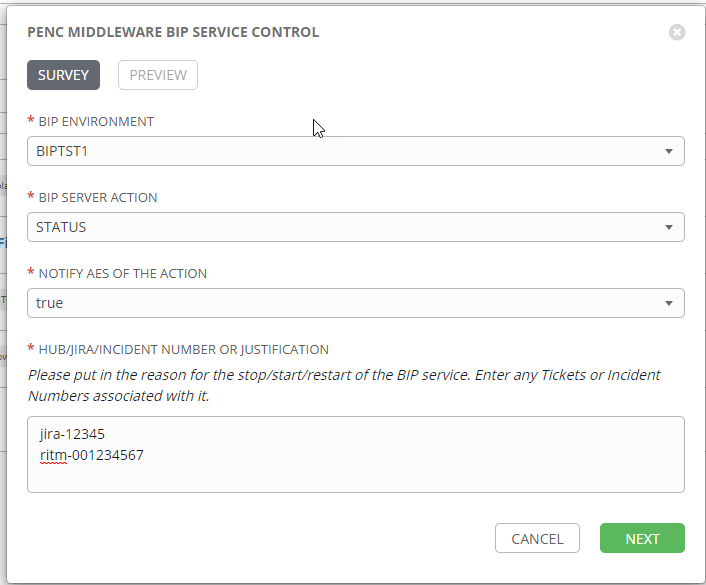
**Technical Documentation – PENC MiddleWare – BIP Service Control**

1. Workflow – Stops, Starts, Restarts BIP Weblogic Services services



1. Survey – User Supplied Variables



| **Survey Extra Variables** | **Prompt** | **Type** | **Description and Usage** |
| --- | --- | --- | --- |
| bip\_env | BIP Environment | Multiple Choice Single Pick | This is a drop down list of the current BIP Environments  BIPDEV3  BIPDEVL  BIPRDEV  BIPTST1  BIPTST2  BIPTST3  BIPTRNG  BIPMUAT  BIPPROD |
| bip\_command | BIP Server Action | Multiple Choice Single Pick | The available commands for the BIP 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\_bip\_service\_vars\_ansible | create\_bip\_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  bip\_host: talaus1bcp  bip\_port: 9704  bip\_protocol: http  date\_time: '20210106\_1436' |
| tomcat\_service\_control | tomcat\_service\_control.yml | oracle for {{bip\_host}} | Utilities | On {{bip\_host}}:  With {{bip\_command}} == ‘STOP’ or ‘RESTART’   * retrieves the process id for the Weblogc BIP Admin Server service to be stopped into {{bip\_weblogic\_pid}} variable. * executes ‘cd /pencmw/oracle/nodemanager;/pencmw/oracle/nodemanager/domain\_stop.sh;sleep 20 * waits for the /proc/{{bip\_weblogic\_pid.stdout}}/status to longer exist (i.e. BIP Weblogic Adminserver process no longer exists)   With {{bip\_command}} == ‘START’ or ‘RESTART’   * Execute ‘cd /pencmw/oracle/nodemanager;/pencmw/oracle/nodemanager/domain\_start.sh’ * Waits for the {{bip\_port}} to be available   With {{bip\_command}} == ‘STATUS’ or ‘STOP’ or ‘START’ or ‘RESTART’   * Checks the url http://{{bip\_host}}.penc.local:{{bip\_port}}/xmlpserver * 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** |
| 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) |