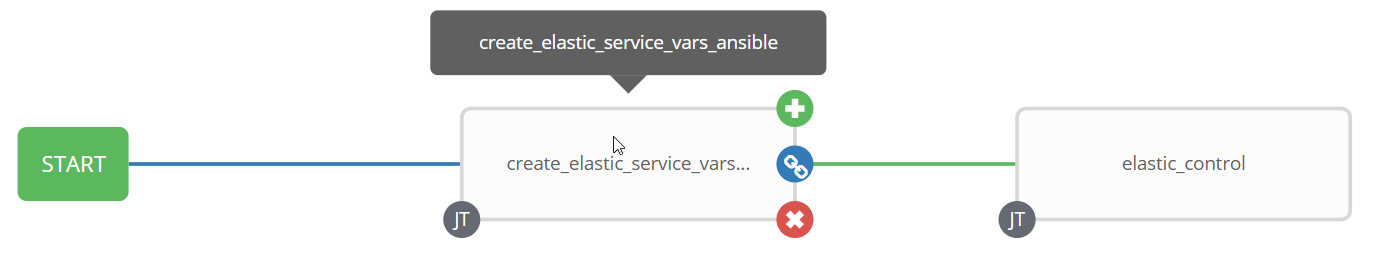
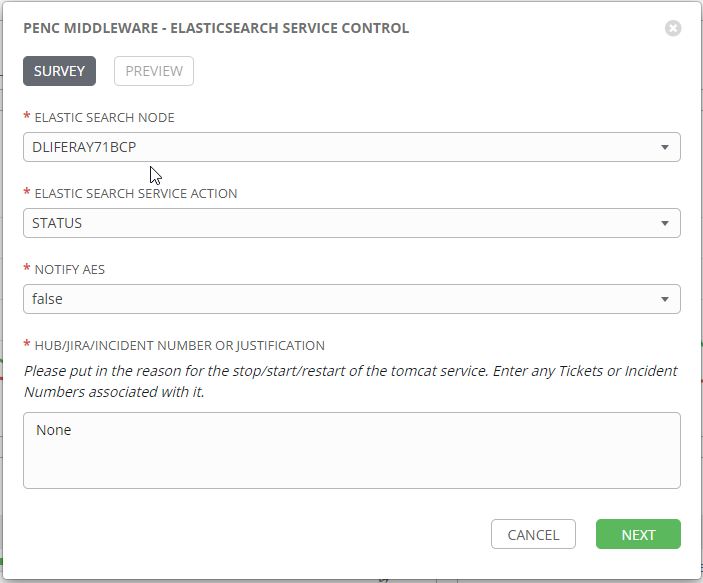
**Technical Documentation – PENC MiddleWare – ElasticSearch Service Control**

1. Workflow – Stops, Starts, Restarts the Elastic Search Service for All Liferay Environments.



1. Survey – User Supplied Variables



| **Survey Extra Variables** | **Prompt** | **Type** | **Description and Usage** |
| --- | --- | --- | --- |
| elastic\_env | Elastic Search Node | Multiple Choice Single Pick | This is a drop down list of the current Elastic Search Nodes  DLIFERAY71BCP,DLIFERAY72BCP  DLIFERAY71BCP  DLIFERAY72BCP  TLIFERAY71BCP,TLIFERAY72BCP  TLIFERAY71BCP  TLIFERAY72BCP  MLIFERAY71BCP,MLIFERAY72BCP  MLIFERAY71BCP  MLIFERAY72BCP  PLIFERAY71BCP,PLIFERAY72BCP  PLIFERAY71BCP  PLIFERAY72BCP |
| elastic\_command | Elastic Search Service Action | Multiple Choice Single Pick | The available commands for the Elastic Search Node  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. |

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\_elastic\_service\_vars\_ansible | create\_elastic\_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  ENV: DEV  date\_time: '20210907\_0820'  elastic\_home: /pencmw/elasticsearch  elastic\_host: dliferay72bcp  elastic\_lang: en\_US  elastic\_path: >-  /usr/local/bin:/bin:/usr/bin:/usr/local/sbin:/usr/sbin:/home/pencmw/.local/bin:/home/pencmw/bin:/pencmw/java/jdk/bin  elastic\_port1: 9200  elastic\_port2: 9300  elastic\_tmpdir: /pencmw/elasticsearch/ES\_TEMP  tower\_host: pdeploy1bcp.penc.local |
| elastic\_control | elastic\_control.yml | pencmw for {{elastic\_host}} | Utilities | On {{elastic\_host}}:  With {{elastic\_command}} == ‘STOP’ or ‘RESTART’   * Put the elastic search PID into {{elastic\_pid\_actual.stdout}} * sudo systemctl stop elasticsearch * wait for /proc/{{elastic\_pid\_actual.stdout}}/status to be gone   With {{elastic\_command}} == ‘START’ or ‘RESTART’   * sudo systemctl start elasticsearch   With {{elastic\_command}} == ‘STATUS’ or ‘STOP’ or ‘START’ or ‘RESTART’   * check for ports 9200 and 9300 to see if they are listening * update port\_9200\_status and port\_9300\_status with their status’s * sudo systemctl status elasticsearch * email the status of elastic search to the tower\_user |

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) |