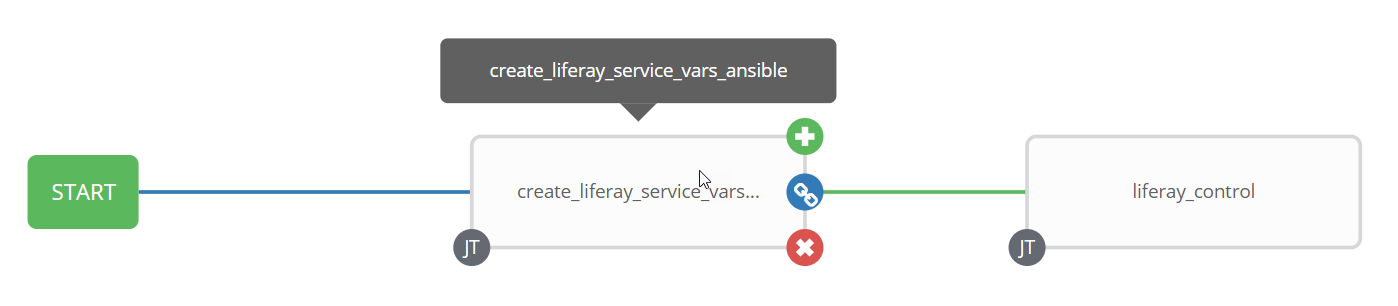
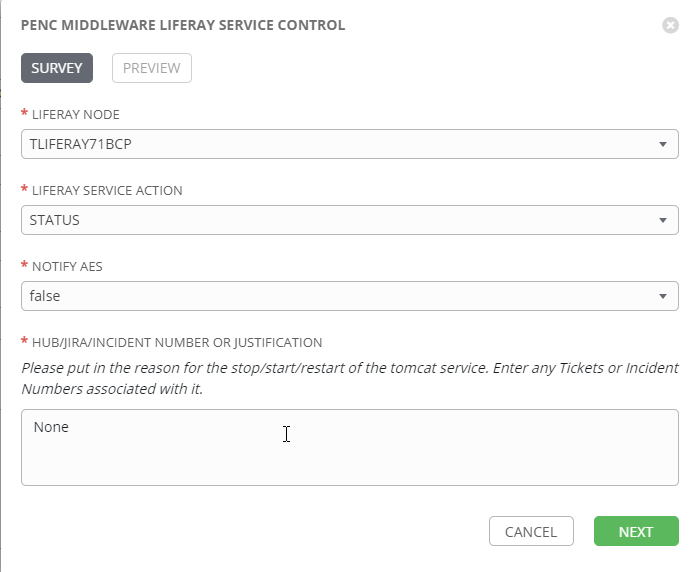
**Technical Documentation – PENC MiddleWare – Liferay Service Control**

1. Workflow – Stops, Starts, Restarts Liferay Services. This workflow only works on a single node at a time (i.e. it will not stop/start/restart both tliferay71bcp and tliferay72bcp at the same time). If the idea is to process on both nodes of a liferay environment it will have to be submitted twice.



1. Survey – User Supplied Variables



| **Survey Extra Variables** | **Prompt** | **Type** | **Description and Usage** |
| --- | --- | --- | --- |
| liferay\_env | Liferay Node | Multiple Choice Single Pick | Drop down list of the liferay node for the command to be executed on.  Current List:  DLIFERAY71BCP  DLIFERAY72BCP  TLIFERAY71BCP  TLIFERAY72BCP  MLIFERAY71BCP  MLIFERAY72BCP  PLIFERAY71BCP  PLIFERAY72BCP |
| liferay\_command | Liferay Service Action | Multiple Choice Single Pick | The action to execute  RESTART  START  STATUS  STOP |
| notify\_aes | Notify AES | 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 | Textarea (20,000 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\_liferay\_service\_vars\_ansible | create\_liferay\_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  date\_time: '20201218\_1633'  liferay\_env: DEV  liferay\_host: dliferay71bcp  liferay\_port: 4443  liferay\_protocol: https  liferay\_proxy: myaccountdev1.pensionsbc.ca |
| liferay\_control | liferay\_control.yml | pencmw for {{liferay\_host}} | Utilities | On {{liferay\_host}}:  With {{liferay\_command}} == ‘STOP’ or ‘RESTART’   * retrieves the process id for the Liferay tomcat service to be stopped into {{liferay\_tomcat\_pid}} variable. * executes ‘/pencmw\_common/MOS/scripts/ansible\_liferay7\_stop.sh * waits for the /proc/{{liferay\_tomcat\_pid.stdout}}/status to longer exist (i.e. Liferay tomcat process no longer exists)   With {{liferay\_command}} == ‘START’ or ‘RESTART’   * Archive the catalina.out file * Execute ‘/pencmw\_common/MOS/scripts/ansible\_liferay7\_start.sh’ * Wait for the Lifray Tomcat to complete startup by looking for 'org.apache.catalina.startup.Catalina.start Server startup' in the catalina.out file.   With {{liferay\_command}} == ‘STATUS’ or ‘STOP’ or ‘START’ or ‘RESTART’   * Checks the url {{liferay\_protocol}}://{{liferay\_host}}.penc.local:{{liferay\_port}} * Checks the url {{liferay\_protocol}}://{{liferay\_proxy}} * 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   With {{liferay\_command}} == ‘STATUS’ or ‘START’ or ‘RESTART’   * Checks page returned from url {{liferay\_protocol}}://{{liferay\_host}}.penc.local:{{liferay\_port}} for the Liferay Sitebacker string – if it is not there FAIL the workflow. |

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 {{notifiy\_aes}} == true, and email will be sent addresses defined in aes\_mail\_list on the actions executed.  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) |