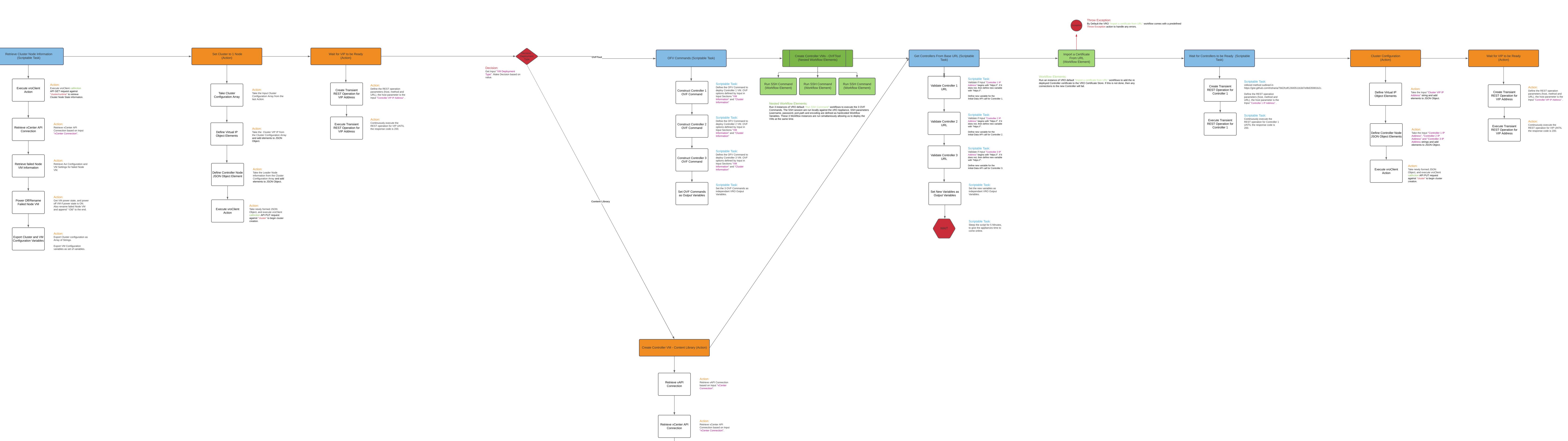
vRO - Cluster Node Replacement Description: The purpose of this workflow, is to replace a failed node in an Avi Controller Cluster. It will determine the failing node from the provided Avi Cluster, and retrieve the configuration of the mode. This workflow allows for both OVFTool and Content Library Template deployment for the Node re deployment. To complete the node removal, the Avi Cluster is put into single node Cluster configuration utilizing the current Leader Node. ONce the failed Node is re deployed, the cluster is built again using the original Leader and second Follower Controllers.

General:

Avi Controller: <Drop Down list of vro Clients>

Deployment Type: <Drop Down list of Deployment Types - ovfTool || Content Library>
vCenter FQDN or IP Address: <Text Field for vCenter FQDN or IP Address>
vCenter Connection: <Drop Down list of vRO vCenter Endpoints>
vCenter Username: <Text Field for vCetner Username>
vCenter Password: <Secure String for vCenter User Password>
If set to true, the certificate is accepted silently and the certificate is added to the trusted store: <Boolean>
OVA Path on VRO Appliance: <Text Field for OVA Template Path>
Content Library Template : <Text Field for Content Library Template name>

Take controller selection and output Avi VRO Client Authenticated Session Object.



Validate VMs Dont
Already Exist

Validate VMs dont already exist
based on Inputs "Controller 1 VM
Name", "Controller 2 VM Name"
and "Controller 3 VM Name"

Retrieve vCenter
Objects

Retrieve vCenter Objects
based on Inputs "Datacenter",
"Cluster", "Datastore", "Folder"
"Resource Pool" and "VM
Network".

Action:
Deploy Node 1 using the vRO

Deploy Node 2

Deploy Node 2

Deploy Node 2 using the vRO vAPI com_vmware_vcenter_ovf_library__item method. Once VM is deployed, Update vCPU, Memory and Disk configuration based on Inputs "VM Flavor" and "VM DIsk Size"

Action:
Deploy Node 3

Deploy Node 3 using the vRO vAPI com_vmware_vcenter_ovf_library__item method. Once VM is deployed, Update vCPU, Memory and Disk configuration based on Inputs "VM Flavor" and "VM DIsk Size"