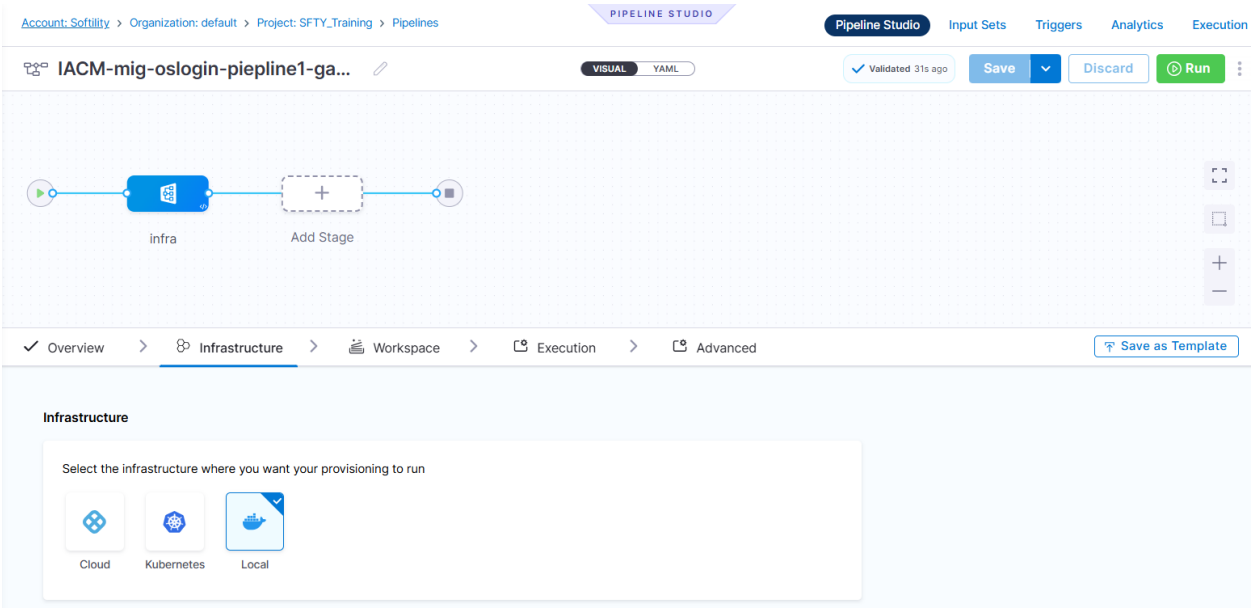
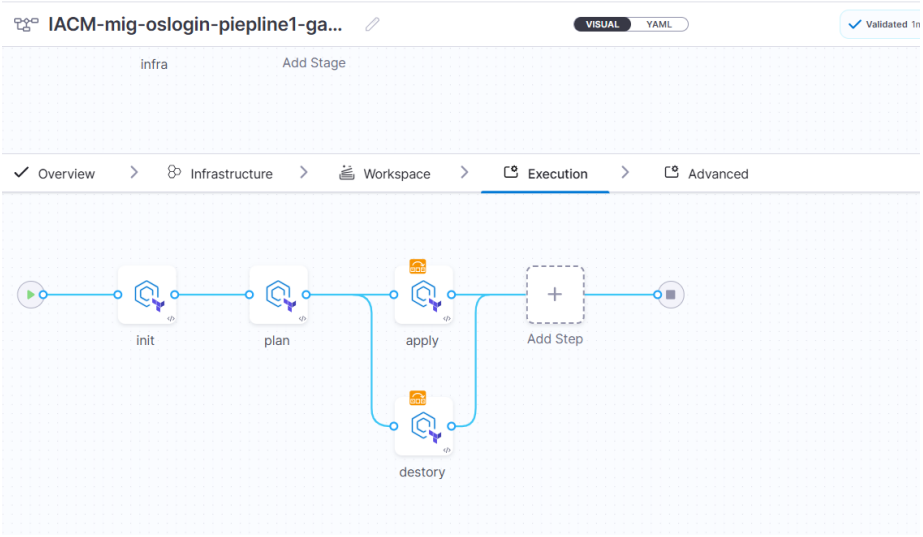
Pipeline 1:



Steps:

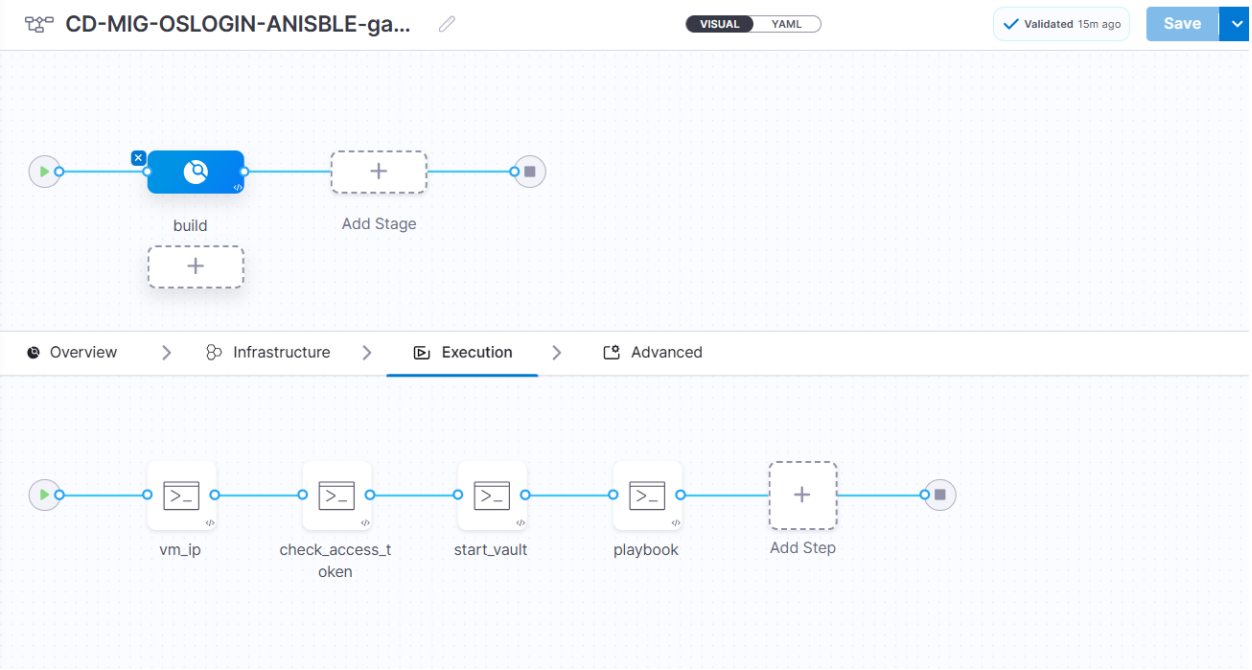


Here we just create the pipeline with variables choice
https://github.com/ganesh-redy/mig-oslogin-ansible.git

Pipeline 2:

Here we take ip's and store in ansible/hosts file and for ssh we take the private key from vault

Then ansible will connect to that system



Step 1: vm_ip

```
gcloud compute instances list   --filter="name~'^okay-.*'"   --
format="value(networkInterfaces.accessConfigs.natIP)" | tr -d "[]'"  >
/etc/ansible/hosts
cat /etc/ansible/hosts
```

Here we take the ip's from gcp, instance named as okay because the mig instances base name is start with okay

And store in ansible/host file

step2: check_access_token

```
echo 'token <+secrets.getValue("oslogin-delegate-token")>'
```

here we have Docker delegate it consist token, that token was passed in runtime and place as variable in ansible this token was store in secrets.

Step 3: start vault

```
#!/bin/bash

# Set Vault address
export VAULT_ADDR='http://35.202.207.99:8200'

# Stop any running Vault process
pkill vault || echo "No Vault process found."

# Start Vault server in the background
nohup vault server -config=/etc/vault.d/vault.hcl > /var/log/vault.log 2>&1 &

# Wait for Vault to start
sleep 5

# Write unseal keys to /root/text
echo '<+secrets.getValue("ganesh-vault-unseal")>' > /root/text

cat /root/text

# Unseal Vault using the keys
vault operator unseal "$(cut -d ' ' -f1 /root/text)"
vault operator unseal "$(cut -d ' ' -f2 /root/text)"
vault operator unseal "$(cut -d ' ' -f3 /root/text)"

# Login to Vault
vault login '<+secrets.getValue("vault-usertoken-ganesh")>'

vault status


# List secrets at path 'my/'
vault kv list my/
vault kv get my/private_key

# Retrieve the private key and save it securely
vault kv get -field=private-key my/private_key > /tmp/privatekey
chmod 600 /tmp/privatekey
```

first we need export the vault ip of or local system then we can access ui

step 4 :

```
#!/bin/bash

# Fail on error
set -e

ls -l /tmp/privatekey


# === [1] Variables ===
# Replace with your actual playbook and VM user if different
ANSIBLE_DIR="/etc/ansible"
INVENTORY_FILE="$ANSIBLE_DIR/hosts"
ANSIBLE_CFG="$ANSIBLE_DIR/ansible.cfg"
PRIVATE_KEY_PATH="/tmp/privatekey"
VM_USER="sa_106301816075024666979"



# === [4] Write Ansible config ===
cat <<EOF > "$ANSIBLE_CFG"
[defaults]
inventory = $INVENTORY_FILE
host_key_checking = False
retry_files_enabled = False
remote_user = $VM_USER
private_key_file = $PRIVATE_KEY_PATH
EOF

# === [5] Optional: Set environment to use this config ===
export ANSIBLE_CONFIG="$ANSIBLE_CFG"

# === [6] Run Ansible ping to test connection ===
ansible all -m ping
git clone https://github.com/ganesh-redy/mig-oslogin-ansible.git
cd  mig-oslogin-ansible
# === [7] Run your playbook ===
ansible-playbook -e 'token=<+secrets.getValue("oslogin-delegate-token")>'
ansible.yaml

rm -f /tmp/privatekey
```