

Integration test production

This stage same Intergration test before.

```
#!/bin/bash
sleep 5s
# echo "ok"
# PORT=$(kubectl -n prod get svc ${serviceName} -o json | jq .spec.ports[].nodePort)
### Istio Ingress Gateway Port 80 - NodePort
PORT=$(kubectl -n istio-system get svc istio-ingressgateway -o json | jq '.spec.ports[] | select(.port == 80)' | jq .nodePort)

echo $PORT
echo $applicationURL:$PORT$applicationURI
if [[ ! -z "$PORT" ]];
then
    response=$(curl -s $applicationURL:$PORT$applicationURI)
    http_code=$(curl -s -o /dev/null -w "%{http_code}" $applicationURL:$PORT$applicationURI)
    if [[ "$response" == 100 ]];
    then
        echo "Increment Test Passed"
    else
        echo "Increment Test Failed"
        exit 1;
    fi;
    if [[ "$http_code" == 200 ]];
    then
        echo "HTTP Status Code Test Passed"
    else
        echo "HTTP Status code is not 200"
        exit 1;
    fi;
else
    echo "The Service does not have a NodePort"
    exit 1;
fi;
```

Add stage integration tests after stage k8s production deployment.

```
stage('Integration Tests - PROD') {
    steps {
        script {
            try {
                withKubeConfig([credentialsId: 'kubecconfig']) {
                    sh "bash integration-test-PROD.sh"
                }
            } catch (e) {
                withKubeConfig([credentialsId: 'kubecconfig']) {
                    sh "kubectl -n prod rollout undo deploy ${deploymentName}"
                }
                throw e
            }
        }
    }
}
```