Day 9

Lab - Running a Tekton Maven Task

Install the git-clone and maven task from TekTon Hub website

```
tkn hub install task git-clone
tkn hub install task maven
```

List and check if you have installed the git-clone and maven tasks

```
tkn task list
```

Assuming you have already installed the git-clone and maven tasks from TekTon Hub. We can run the git-clone task

```
cd ~/openshift-tekton-june2024
git pull
cd Day8/tekton
oc project
oc create -f github-clone-taskrun.yml
```

Check the git-clone task status

```
tkn taskrun list
tkn taskrun logs -f github-clone-tr-qmmkg
```

Once the git-clone taskrun reports status as "SUCCEEDED", you can proceed with the maven task as shown below

```
cd ~/openshift-tekton-june2024
git pull
cd Day8/tekton
oc project
oc create -f maven-java-task.yml
```

Check the maven task status

```
tkn taskrun list
tkn taskrun logs -f maven-build-tr-mw257
```

Expected output


```
jegan@tektutor.org                                          jegan@tektutor.org
jegan@tektutor.org ⟩ ~/openshift-tekton-june2024/Day8/tekton ⟩ main ● ⟩ tkn task list
NAME                           DESCRIPTION              AGE
git-clone                      These Tasks are Git...   22 minutes ago
hello-task-with-multiple-steps                          18 minutes ago
maven                          This Task can be us...   15 minutes ago
jegan@tektutor.org ⟩ ~/openshift-tekton-june2024/Day8/tekton ⟩ main ● ⟩ tkn taskrun list
NAME                                   STARTED         DURATION   STATUS
maven-build-tr-mw257                   13 minutes ago  1m58s      Succeeded
hello-task-with-multiple-steps-run-l4w5n  17 minutes ago  12s      Succeeded
github-clone-tr-qmmkg                  22 minutes ago  2m39s      Succeeded
jegan@tektutor.org ⟩ ~/openshift-tekton-june2024/Day8/tekton ⟩ main ● ⟩ ▮
```



```
hello-task-with-multiple-steps-run-pgpdk   51 minutes ago  37s   Succeeded
hello-task-with-multiple-steps-run-fpkf4   53 minutes ago  12s   Succeeded
hello-task-with-params-run-mmmxl           1 hour ago      7s    Succeeded
hello-task-with-params-run-jpsmg           1 hour ago      7s    Succeeded
helloworld-task-run-j95pp                  1 hour ago      36s   Succeeded
jegan@tektutor.org ⟩ ~/openshift-tekton-june2024/Day8/tekton ⟩ main ⟩ tkn tr logs -f github-clone-tr-b4bn7
[clone] + '[' false '=' true ]
[clone] + '[' false '=' true ]
[clone] + '[' false '=' true ]
[clone] + CHECKOUT_DIR=/workspace/output/source
[clone] + '[' true '=' true ]
[clone] + cleandir
[clone] + '[' -d /workspace/output/source ]
[clone] + test -z
[clone] + test -z
[clone] + test -z
[clone] + git config --global --add safe.directory /workspace/output
[clone] + /ko-app/git-init '-url=https://github.com/tektutor/openshift-tekton-june2024.git' '-revision=main' '-refspec=' '-path=/workspa
ce/output/source' '-sslVerify=true' '-submodules=true' '-depth=1' '-sparseCheckoutDirectories='
[clone] {"level":"info","ts":1718779699.250721,"caller":"git/git.go:176","msg":"Successfully cloned https://github.com/tektutor/openshif
t-tekton-june2024.git @ 4a600f45cda97b9fd6a74cf9141a68ff1719f2f6 (grafted, HEAD, origin/main) in path /workspace/output/source"}
[clone] {"level":"info","ts":1718779699.271016,"caller":"git/git.go:215","msg":"Successfully initialized and updated submodules in path
/workspace/output/source"}
[clone] + cd /workspace/output/source
[clone] + git rev-parse HEAD
[clone] + RESULT_SHA=4a600f45cda97b9fd6a74cf9141a68ff1719f2f6
[clone] + EXIT_CODE=0
[clone] + '[' 0 '!=' 0 ]
[clone] + git log -1 '--pretty=%ct'
[clone] + RESULT_COMMITTER_DATE=1718778470
[clone] + printf '%s' 1718778470
[clone] + printf '%s' 4a600f45cda97b9fd6a74cf9141a68ff1719f2f6
[clone] + printf '%s' https://github.com/tektutor/openshift-tekton-june2024.git

jegan@tektutor.org ⟩ ~/openshift-tekton-june2024/Day8/tekton ⟩ main ⟩ ▮
```

```
error: from maven-build-tr-: cannot use generate name with apply
✗ jegan@tektutor.org   ~/openshift-tekton-june2024/Day8/tekton   main ●  oc create -f maven-java-task.yml
taskrun.tekton.dev/maven-build-tr-mw257 created
  jegan@tektutor.org   ~/openshift-tekton-june2024/Day8/tekton   main ●  tkn tr list
NAME                                  STARTED        DURATION   STATUS
maven-build-tr-mw257                  5 seconds ago  ---        Running(Pending)
hello-task-with-multiple-steps-run-l4w5n  4 minutes ago  12s        Succeeded
github-clone-tr-qmmkg                 9 minutes ago  2m39s      Succeeded
  jegan@tektutor.org   ~/openshift-tekton-june2024/Day8/tekton   main ●  tkn tr logs -f maven-build-tr-mw257

[mvn-goals] [INFO] Scanning for projects...
[mvn-goals] [INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-parent/2.4.2/spr
ing-boot-starter-parent-2.4.2.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-starter-parent/2.4.2/spring-boot-star
ter-parent-2.4.2.pom (8.6 kB at 26 kB/s)
[mvn-goals] Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-dependencies/2.4.2/sprin
g-boot-dependencies-2.4.2.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-dependencies/2.4.2/spring-boot-depend
encies-2.4.2.pom (108 kB at 1.2 MB/s)
[mvn-goals] Downloading from central: https://repo.maven.apache.org/maven2/com/datastax/oss/java-driver-bom/4.9.0/java-driver-bom-4.9.0.
pom
Downloaded from central: https://repo.maven.apache.org/maven2/com/datastax/oss/java-driver-bom/4.9.0/java-driver-bom-4.9.0.pom (4.1 kB a
t 118 kB/s)
[mvn-goals] Downloading from central: https://repo.maven.apache.org/maven2/io/dropwizard/metrics/metrics-bom/4.1.17/metrics-bom-4.1.17.p
om
Downloaded from central: https://repo.maven.apache.org/maven2/io/dropwizard/metrics/metrics-bom/4.1.17/metrics-bom-4.1.17.pom (5.3 kB at
 166 kB/s)
[mvn-goals] Downloading from central: https://repo.maven.apache.org/maven2/io/dropwizard/metrics/metrics-parent/4.1.17/metrics-parent-4.
1.17.pom
Downloaded from central: https://repo.maven.apache.org/maven2/io/dropwizard/metrics/metrics-parent/4.1.17/metrics-parent-4.1.17.pom (17
kB at 487 kB/s)
[mvn-goals] Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/groovy/groovy-bom/2.5.14/groovy-bom-2.5.14.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/groovy/groovy-bom/2.5.14/groovy-bom-2.5.14.pom (26 kB at 731
kB/s)
[mvn-goals] Downloading from central: https://repo.maven.apache.org/maven2/org/infinispan/infinispan-bom/11.0.8.Final/infinispan-bom-11.
0.8.Final.pom
```

```
rtifact-filters-3.1.0.jar (61 kB at 157 kB/s)
[mvn-goals] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.4.13/httpcore-4.4.13.jar
(329 kB at 838 kB/s)
[mvn-goals] Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.3.4/org.eclipse.si
su.plexus-0.3.4.jar
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.6.3/maven-plugin-api-3.6.3.jar
Downloaded from central: https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.11/commons-codec-1.11.jar (335 kB at 819 kB/
s)
[mvn-goals] Downloading from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.3.4/org.eclipse.si
su.inject-0.3.4.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.1.0/maven-shared-utils-3.1.0.
jar (164 kB at 395 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.2.1/plexus-utils-3.2.1.jar
Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.4.2/spring-boot-loader
-tools-2.4.2.jar (243 kB at 581 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.6.0/plexus-classworlds-2.6.0.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/3.6.3/maven-plugin-api-3.6.3.jar (47 kB
at 108 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.plexus/0.3.4/org.eclipse.sisu.plexus-0.3
.4.jar (205 kB at 453 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-classworlds/2.6.0/plexus-classworlds-2.6.0.jar
(53 kB at 112 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.2.1/plexus-utils-3.2.1.jar (262 kB at 5
42 kB/s)
[mvn-goals] Downloaded from central: https://repo.maven.apache.org/maven2/org/eclipse/sisu/org.eclipse.sisu.inject/0.3.4/org.eclipse.sis
u.inject-0.3.4.jar (379 kB at 779 kB/s)
[mvn-goals] [INFO] Replacing main artifact with repackaged archive
[mvn-goals] [INFO] ------------------------------------------------------------------------
[mvn-goals] [INFO] BUILD SUCCESS
[mvn-goals] [INFO] ------------------------------------------------------------------------
[mvn-goals] [INFO] Total time:  18.739 s
[mvn-goals] [INFO] Finished at: 2024-06-20T05:30:13Z
[mvn-goals] [INFO] ------------------------------------------------------------------------

  jegan@tektutor.org   ~/openshift-tekton-june2024/Day8/tekton   main ● 
```

Lab - Creating your first TekTon pipeline

```
cd ~/openshift-tekton-june2024
git pull
cd Day9/tekton

tkn task list
tkn taskrun list
tkn pipeline list
tkn pipelinerun list

oc apply -f first-pipline.yml
```

```
tkn task list
tkn taskrun list
tkn pipeline list
tkn pipelinerun list
```
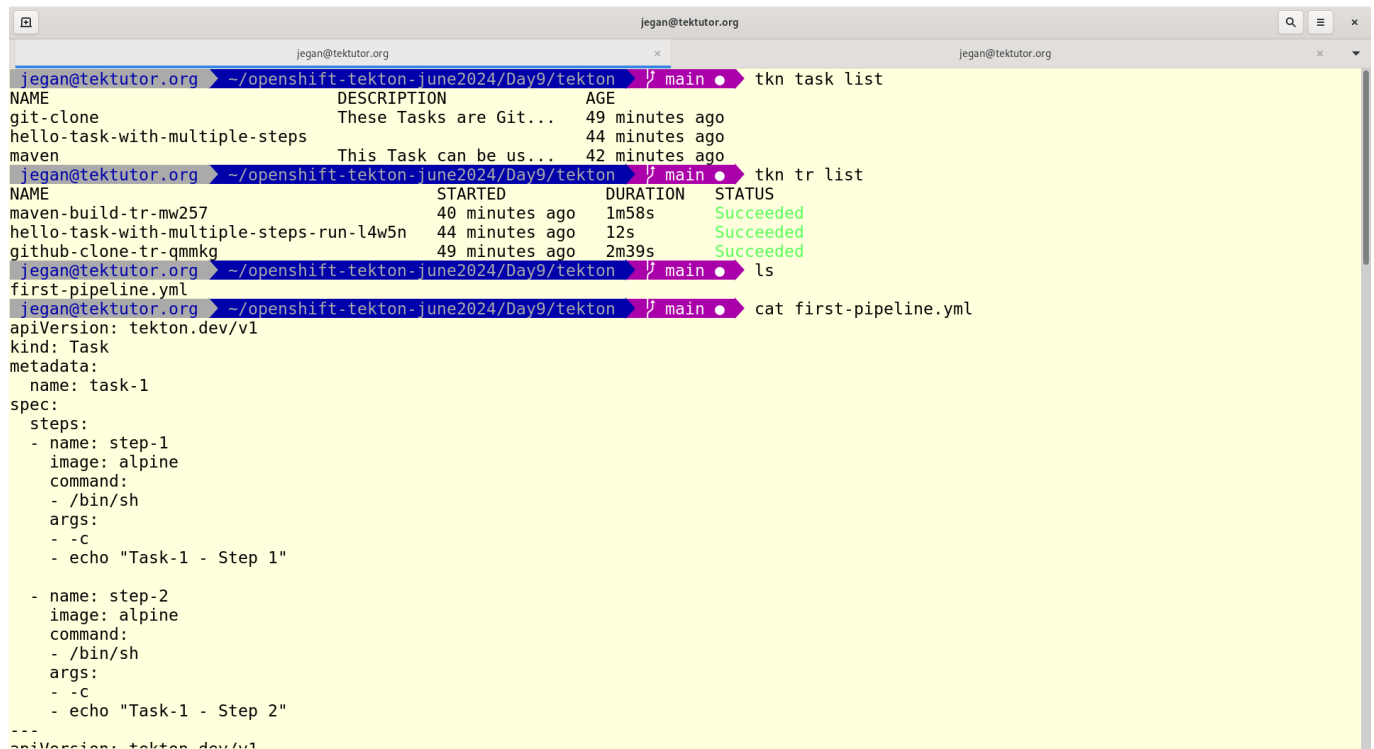
Starting the first-pipeline

```
tkn pipeline start first-pipeline
```

Checking the logs

```
tkn pipelinerun logs -f first-pipeline-run-874q7
```

Expected output

```
        image: alpine
        command:
        - /bin/sh
        args:
        - -c
        - echo "Task-1 - Step 2"
---
apiVersion: tekton.dev/v1
kind: Task
metadata:
  name: task-2
spec:
  steps:
  - name: step-1
    image: alpine
    command:
    - /bin/sh
    args:
    - -c
    - echo "Task-2 - Step 1"

  - name: step-2
    image: alpine
    command:
    - /bin/sh
    args:
    - -c
    - echo "Task-2 - Step 2"

  - name: step-3
    image: alpine
    command:
    - /bin/sh
    args:
    - -c
      echo "Task-2 - Step 3"
```

```
    - /bin/sh
    args:
    - -c
    - echo "Task-2 - Step 2"

  - name: step-3
    image: alpine
    command:
    - /bin/sh
    args:
    - -c
    - echo "Task-2 - Step 3"
---
apiVersion: tekton.dev/v1
kind: Pipeline
metadata:
  name: first-pipeline
spec:
  tasks:
  - name: task1
    taskRef:
      name: task-1

  - name: task2
    runAfter:
    - task1
    taskRef:
      name: task-2
```

```
 jegan@tektutor.org   ~/openshift-tekton-june2024/Day9/tekton    main ● oc apply -f first-pipeline.yml
task.tekton.dev/task-1 created
task.tekton.dev/task-2 created
pipeline.tekton.dev/first-pipeline created
 jegan@tektutor.org   ~/openshift-tekton-june2024/Day9/tekton    main ● tkn task list
NAME              DESCRIPTION            AGE
git-clone         These Tasks are Git    49 minutes ago
```

/

```
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > oc apply -f first-pipeline.yml
task.tekton.dev/task-1 created
task.tekton.dev/task-2 created
pipeline.tekton.dev/first-pipeline created
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > tkn task list
NAME                             DESCRIPTION         AGE
git-clone                        These Tasks are Git...   49 minutes ago
hello-task-with-multiple-steps                       45 minutes ago
maven                            This Task can be us...   43 minutes ago
task-1                                               8 seconds ago
task-2                                               8 seconds ago
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > tkn taskrun list
NAME                                      STARTED          DURATION     STATUS
maven-build-tr-mw257                      40 minutes ago   1m58s        Succeeded
hello-task-with-multiple-steps-run-l4w5n  44 minutes ago   12s          Succeeded
github-clone-tr-qmmkg                     49 minutes ago   2m39s        Succeeded
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > tkn pipeline list
NAME             AGE            LAST RUN   STARTED   DURATION   STATUS
first-pipeline   20 seconds ago ---        ---       ---        ---
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > tkn pipelinerun list
No PipelineRuns found
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > tkn pipeline start first-pipeline
PipelineRun started: first-pipeline-run-874q7

In order to track the PipelineRun progress run:
tkn pipelinerun logs first-pipeline-run-874q7 -f -n jegan
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > tkn pipelinerun logs first-pipeline-run-874q7 -f -n jegan

[task1 : step-1] Task-1 - Step 1

[task1 : step-2] Task-1 - Step 2

[task2 : step-1] Task-2 - Step 1

[task2 : step-2] Task-2 - Step 2
```

```
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > tkn task list
NAME                             DESCRIPTION         AGE
git-clone                        These Tasks are Git...   49 minutes ago
hello-task-with-multiple-steps                       45 minutes ago
maven                            This Task can be us...   43 minutes ago
task-1                                               8 seconds ago
task-2                                               8 seconds ago
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > tkn taskrun list
NAME                                      STARTED          DURATION     STATUS
maven-build-tr-mw257                      40 minutes ago   1m58s        Succeeded
hello-task-with-multiple-steps-run-l4w5n  44 minutes ago   12s          Succeeded
github-clone-tr-qmmkg                     49 minutes ago   2m39s        Succeeded
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > tkn pipeline list
NAME             AGE            LAST RUN   STARTED   DURATION   STATUS
first-pipeline   20 seconds ago ---        ---       ---        ---
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > tkn pipelinerun list
No PipelineRuns found
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > tkn pipeline start first-pipeline
PipelineRun started: first-pipeline-run-874q7

In order to track the PipelineRun progress run:
tkn pipelinerun logs first-pipeline-run-874q7 -f -n jegan
jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > tkn pipelinerun logs first-pipeline-run-874q7 -f -n jegan

[task1 : step-1] Task-1 - Step 1

[task1 : step-2] Task-1 - Step 2

[task2 : step-1] Task-2 - Step 1

[task2 : step-2] Task-2 - Step 2

[task2 : step-3] Task-2 - Step 3

jegan@tektutor.org  > ~/openshift-tekton-june2024/Day9/tekton  > ⎇ main ● > ■
```
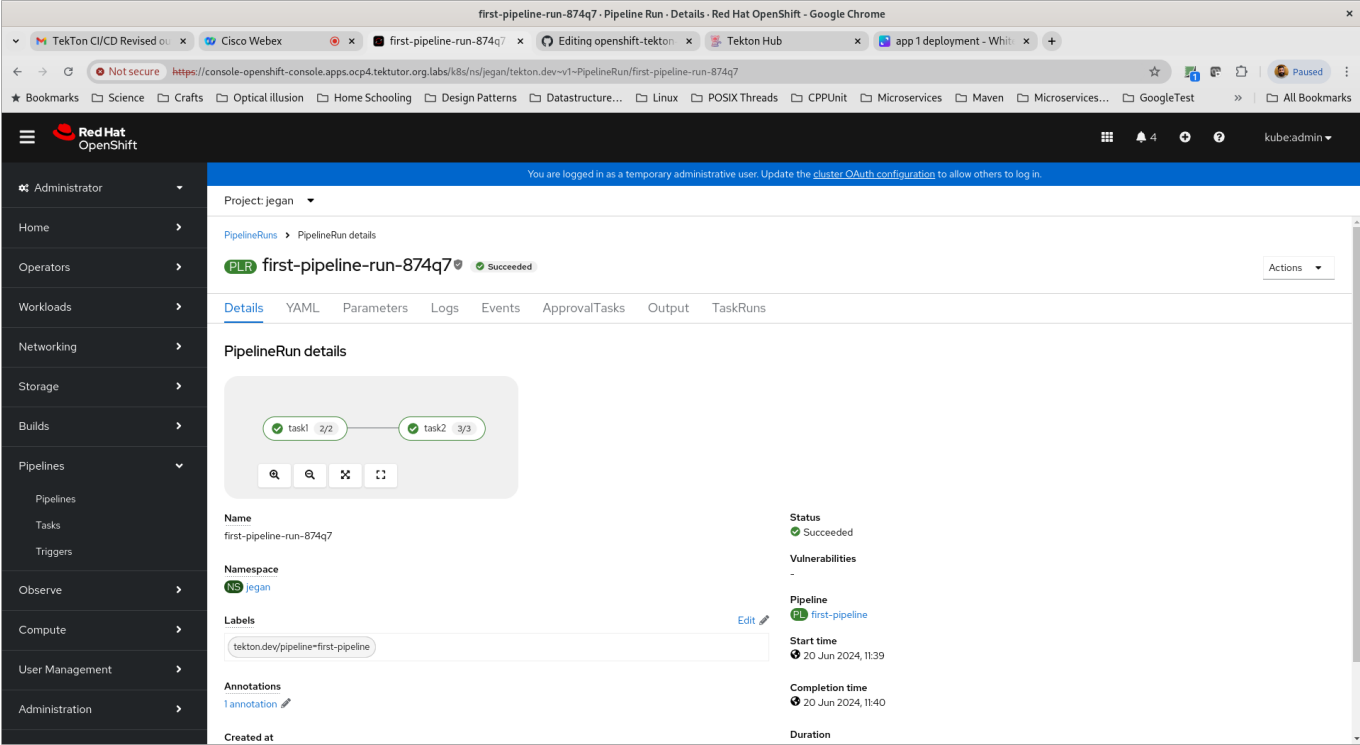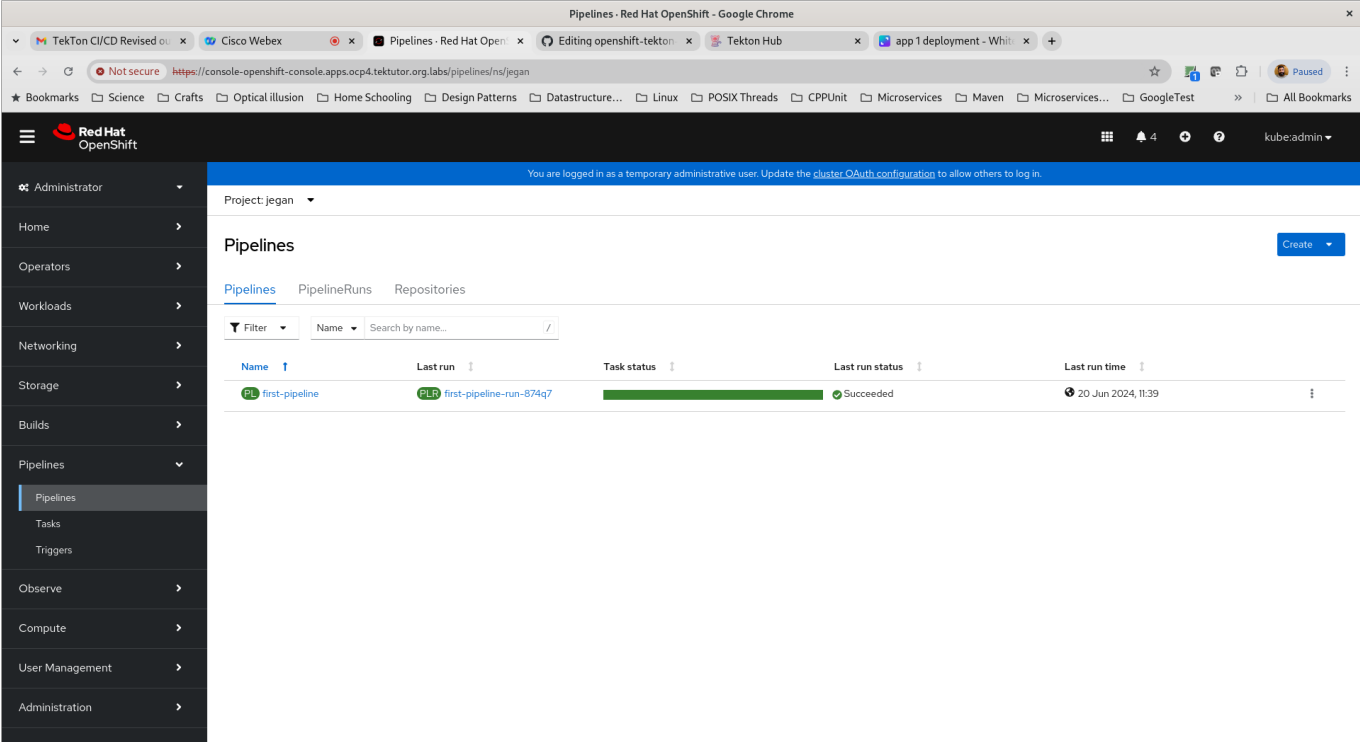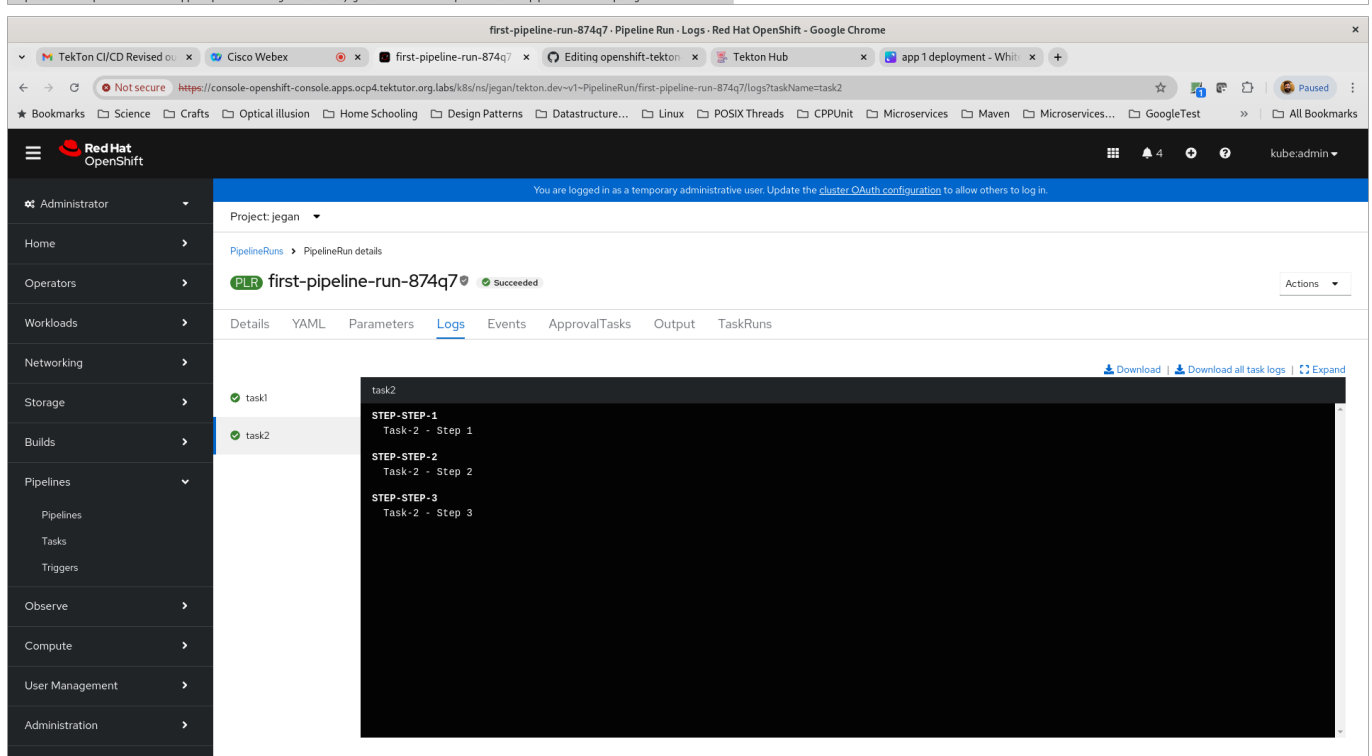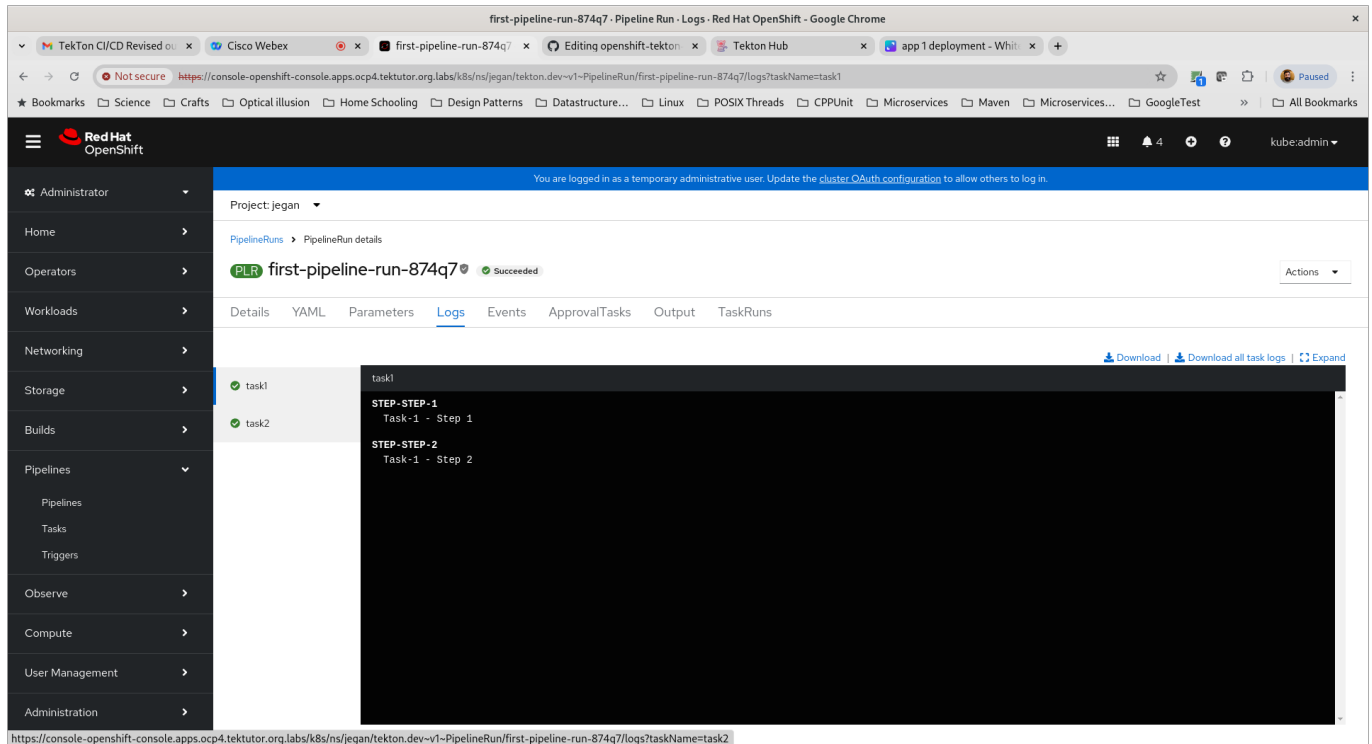
Lab - Running a script inside task

```
cd ~/openshift-tekton-june2024
git pull
cd Day9/tekton
cat task-with-script.yml
oc apply -f task-with-script.yml
tkn task list
tkn task start task-with-script --showlog
```

Expected output


```
jegan@tektutor.org  ❯ ~/openshift-tekton-june2024/Day9/tekton  ❯ main ● ❯ pwd
/home/jegan/openshift-tekton-june2024/Day9/tekton
jegan@tektutor.org  ❯ ~/openshift-tekton-june2024/Day9/tekton  ❯ main ● ❯ cat task-with-script.yml
apiVersion: tekton.dev/v1
kind: Task
metadata:
  name: task-with-script
spec:
  steps:
  - name: step-with-script
    image: ubuntu
    script: |
      #!/usr/bin/env bash
      echo "Executing script from task step ..."
      echo "It worked!"

jegan@tektutor.org  ❯ ~/openshift-tekton-june2024/Day9/tekton  ❯ main ● ❯ oc apply -f task-with-script.yml
task.tekton.dev/task-with-script created
jegan@tektutor.org  ❯ ~/openshift-tekton-june2024/Day9/tekton  ❯ main ● ❯ tkn task list
NAME                           DESCRIPTION           AGE
git-clone                      These Tasks are Git...  1 hour ago
hello-task-with-multiple-steps                         1 hour ago
maven                          This Task can be us...  1 hour ago
task-1                                                 19 minutes ago
task-2                                                 19 minutes ago
task-with-script                                       10 seconds ago
jegan@tektutor.org  ❯ ~/openshift-tekton-june2024/Day9/tekton  ❯ main ● ❯ tkn task start task-with-script --showlog
TaskRun started: task-with-script-run-hs8bb
Waiting for logs to be available...
[step-with-script] Executing script from task step ...
[step-with-script] It worked!

jegan@tektutor.org  ❯ ~/openshift-tekton-june2024/Day9/tekton  ❯ main ● ❯ █
```

Lab - Sharing data between different steps in a task

```
cd ~/openshift-tekton-june2024
git pull
cd Day9/tekton
cat task-sharing-data.yml
oc apply -f task-sharing-data.yml
tkn task list
tkn task start steps-sharing-data --showlog
```

Expected output


```
apiVersion: tekton.dev/v1
kind: Task
metadata:
  name: steps-sharing-data
spec:
  results:
  - name: data
    description: Data to be shared
  steps:
  - name: step1
    image: registry.access.redhat.com/ubi8/ubi-minimal
    command:
    - /bin/bash
    args:
    - "-c"
    - echo -n "Plain data converted to Base 64"|base64 > $(results.data.path)
  - name: step2
    image: registry.access.redhat.com/ubi8/ubi-minimal
    command:
    - /bin/bash
    args:
    - "-c"
    - cat $(results.data.path)
```


Lab - Running tasks in sequence and parallel within a pipeline

```
cd ~/openshift-tekton-june2024
git pull
cd Day9/tekton
cat second-pipeline.yml
oc apply -f second-pipeline.yml


tkn pipeline list
tkn pipeline start second-pipeline --showlog
```

Expected output

```
jegan@tektutor.org > ~/openshift-tekton-june2024/Day9/tekton   main ● ls
first-pipeline.yml  second-pipeline.yml  task-sharing-data.yml  task-with-script.yml
jegan@tektutor.org > ~/openshift-tekton-june2024/Day9/tekton   main ● cat second-pipeline.yml
apiVersion: tekton.dev/v1
kind: Task
metadata:
  name: t1
spec:
  steps:
  - name: step-1
    image: ubuntu
    command:
    - /bin/bash
    args:
    - "-c"
    - echo "Task 1 - Step 1"
---
apiVersion: tekton.dev/v1
kind: Task
metadata:
  name: t1
spec:
  steps:
  - name: step-1
    image: ubuntu
    command:
    - /bin/bash
    args:
    - "-c"
    - echo "Task 1 - Step 1"
---
apiVersion: tekton.dev/v1
kind: Task
metadata:
  name: t2
spec:
```

```
kind: Task
metadata:
  name: t2
spec:
  steps:
  - name: step-1
    image: ubuntu
    command:
    - /bin/bash
    args:
    - "-c"
    - echo "Task 2 - Step 1"
---
apiVersion: tekton.dev/v1
kind: Task
metadata:
  name: t3
spec:
  steps:
  - name: step-1
    image: ubuntu
    command:
    - /bin/bash
    args:
    - "-c"
    - echo "Task 3 - Step 1"
---
apiVersion: tekton.dev/v1
kind: Task
metadata:
  name: t4
spec:
  steps:
  - name: step-1
    image: ubuntu
    command:
```

```
kind: Task
metadata:
  name: t4
spec:
  steps:
  - name: step-1
    image: ubuntu
    command:
    - /bin/bash
    args:
    - "-c"
    - echo "Task 4 - Step 1"
---
apiVersion: tekton.dev/v1
kind: Task
metadata:
  name: t5
spec:
  steps:
  - name: step-1
    image: ubuntu
    command:
    - /bin/bash
    args:
    - "-c"
    - echo "Task 5 - Step 1"
---
apiVesion: tekton.dev/v1
kind: Pipeline
metadata:
  name: second-pipeline
spec:
  tasks:
  - name: first-task
    taskRef:
      kind: Task
```

```
    - "-c"
    - echo "Task 5 - Step 1"
---
apiVesion: tekton.dev/v1
kind: Pipeline
metadata:
  name: second-pipeline
spec:
  tasks:
  - name: first-task
    taskRef:
      kind: Task
      name: t1

  - name: second-task
    taskRef:
      kind: Task
      name: t2
    runAfter:
    - first-task

  - name: third-task
    taskRef:
      kind: Task
      name: t3
    runAfter:
    - first-task

  - name: fourth-task
    taskRef:
      kind: Task
      name: t4
    runAfter:
    - second-task
    - third-task
```

```
tasks:
- name: first-task
  taskRef:
    kind: Task
    name: t1

- name: second-task
  taskRef:
    kind: Task
    name: t2
  runAfter:
  - first-task

- name: third-task
  taskRef:
    kind: Task
    name: t3
  runAfter:
  - first-task

- name: fourth-task
  taskRef:
    kind: Task
    name: t4
  runAfter:
  - second-task
  - third-task

- name: final-task
  taskRef:
    kind: Task
    name: t5
  runAfter:
  - fourth-task
```

`jegan@tektutor.org` `~/openshift-tekton-june2024/Day9/tekton` `main ●`

```
https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kinds

metadata          <ObjectMeta>
   Standard object's metadata. More info:
   https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#metadata
```

`jegan@tektutor.org` `~/openshift-tekton-june2024/Day9/tekton` `main ●` vim second-pipeline.yml
`jegan@tektutor.org` `~/openshift-tekton-june2024/Day9/tekton` `main ●` oc apply -f second-pipeline.yml
```
task.tekton.dev/t1 configured
task.tekton.dev/t2 configured
task.tekton.dev/t3 configured
task.tekton.dev/t4 configured
task.tekton.dev/t5 configured
pipeline.tekton.dev/second-pipeline created
```
`jegan@tektutor.org` `~/openshift-tekton-june2024/Day9/tekton` `main ●` tkn pipeline list
```
NAME             AGE             LAST RUN               STARTED          DURATION     STATUS
first-pipeline   49 minutes ago  first-pipeline-run-874q7  48 minutes ago   49s          Succeeded
second-pipeline  11 seconds ago  ---                    ---              ---          ---
```
`jegan@tektutor.org` `~/openshift-tekton-june2024/Day9/tekton` `main ●` tkn pipeline start second-pipeline --show-log
```
Error: unknown flag: --show-log
```
`✘ jegan@tektutor.org` `~/openshift-tekton-june2024/Day9/tekton` `main ●` tkn pipeline start second-pipeline --showlog
```
PipelineRun started: second-pipeline-run-q85lf
Waiting for logs to be available...
[first-task : step-1] Task 1 - Step 1

[second-task : step-1] Task 2 - Step 1

[third-task : step-1] Task 3 - Step 1

[fourth-task : step-1] Task 4 - Step 1

[final-task : step-1] Task 5 - Step 1
```
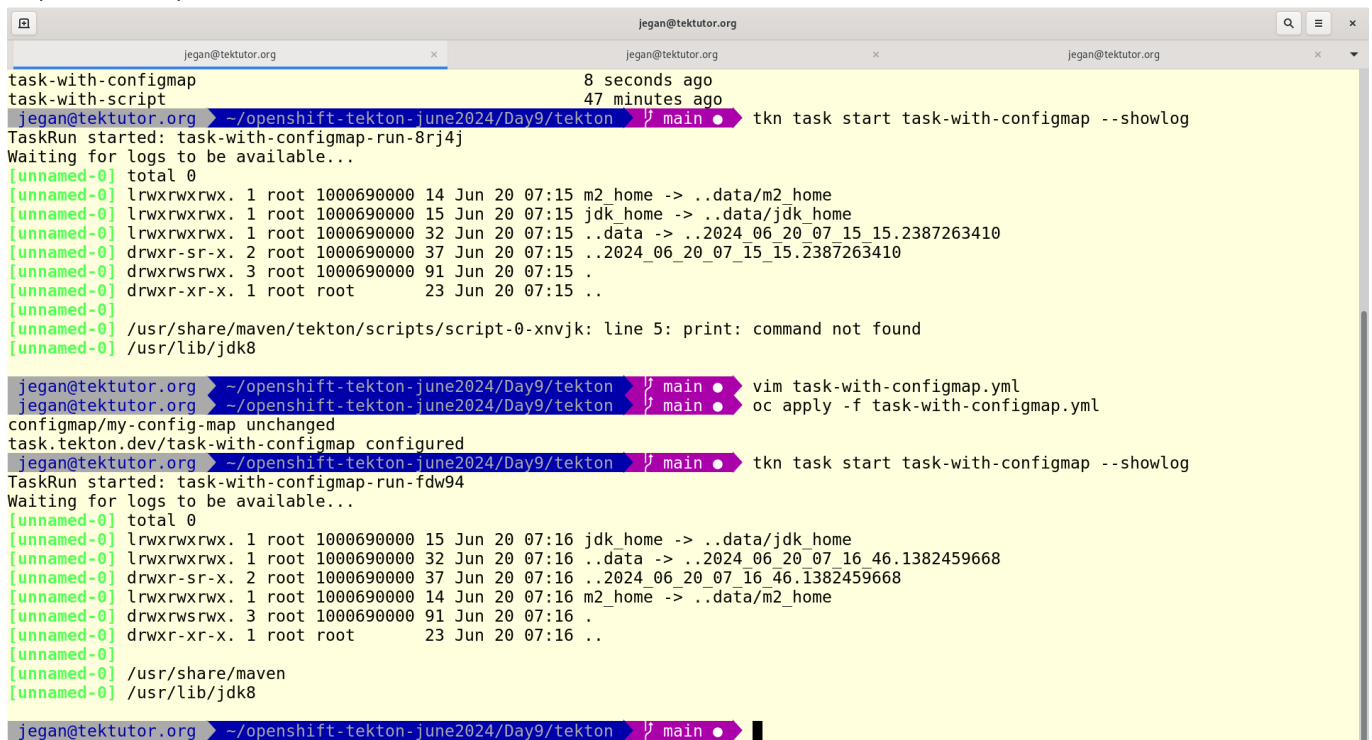`jegan@tektutor.org` `~/openshift-tekton-june2024/Day9/tekton` `main ●`
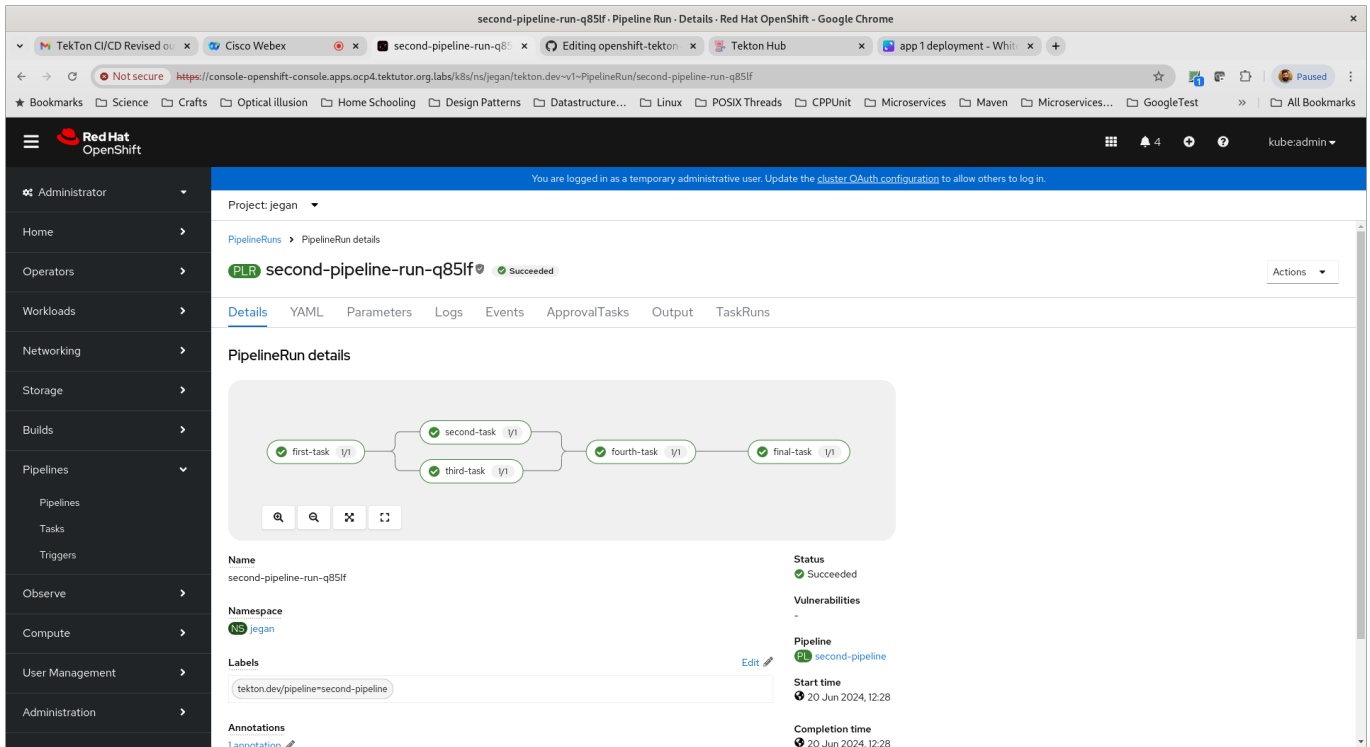
Lab - Mounting configmap inside a Tekton Task

```
cd ~/openshift-tekton-june2024
git pull
cd Day9/tekton
cat task-with-configmap.yml
oc apply -f task-with-configmap.yml
tkn task list
tkn task start task-with-configmap --showlog
```

Expected output

Lab - Mounting secrets inside a Tekton Task

```
cd ~/openshift-tekton-june2024
git pull
cd Day9/tekton
cat task-with-secrets.yml
oc apply -f task-with-secrets.yml
tkn task list
tkn task start task-with-secrets --showlog
```

Expected output