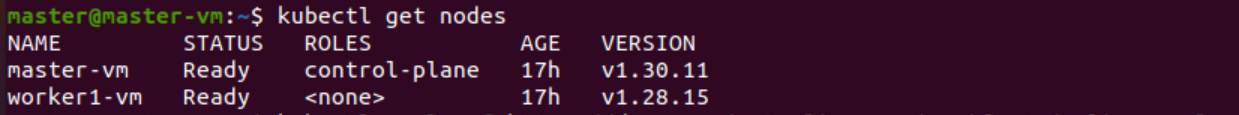
**Kubernetes Multi-Tenant Project**

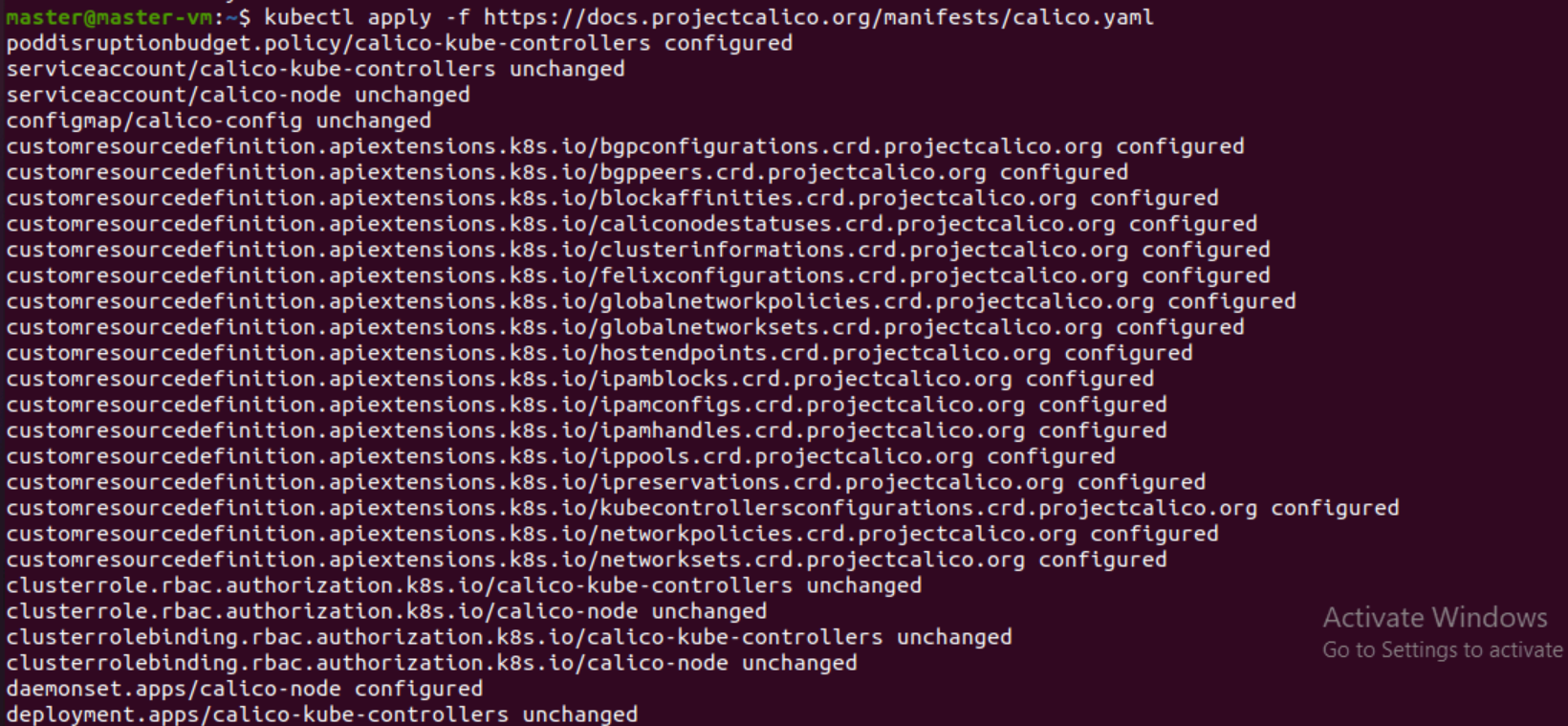
**Step 1:** Check if Any Worker Node is Ready.

Run the following command to check the status of worker nodes:

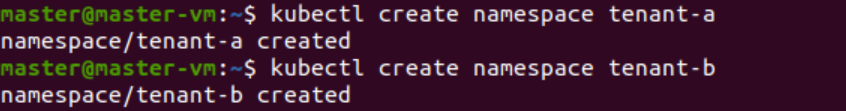


**Step 2:** Install Calico for Networking.

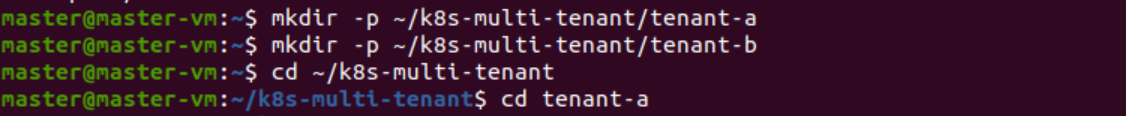
Apply the Calico manifest to enable networking:



**Step 3:** Create Namespaces for Tenants.

****

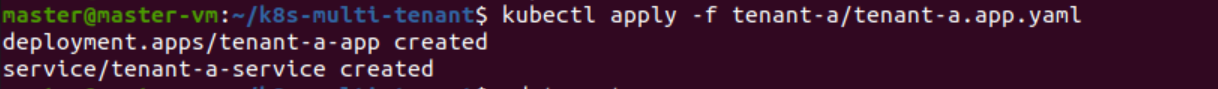
**Step 4:** Create Folder Structure for YAML Files**.**

****

**Step 5:** Create Deployment and Service for Tenant A.

****

Apply the configuration:



**Step 6:** Restrict Network Access for Tenant A.



**Step 7:** Create Deployment and Service for Tenant B.

****

Apply the deployment:



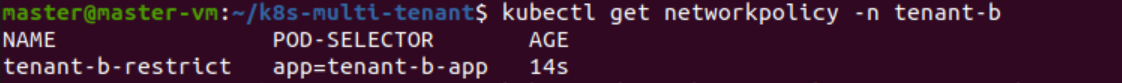
**Step 8:** Restrict Network Access for Tenant B.

****

Apply the network policy:



**Step 9:** Verify Network Policy.

****

**Step 10:** Final Folder Structure.

The final folder structure should look like this:

k8s-multi-tenant/

│── tenant-a/

│ ├── tenant-a-app.yaml

│ ├── tenant-a-restrict.yaml

│── tenant-b/

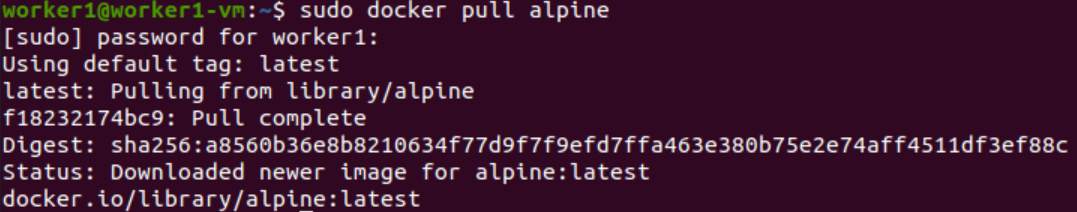
│ ├── tenant-b-app.yaml

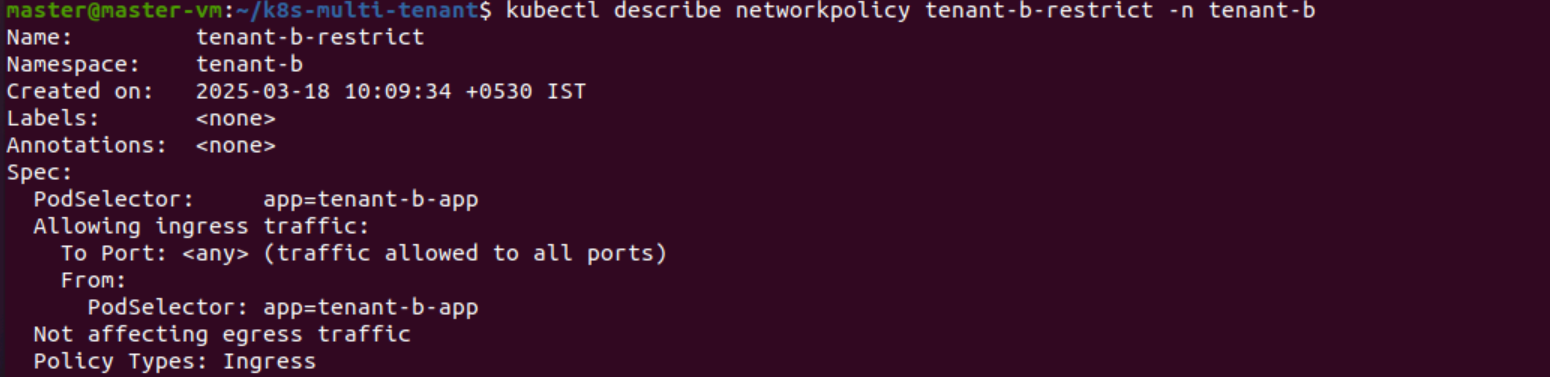
│ ├── tenant-b-restrict.yaml

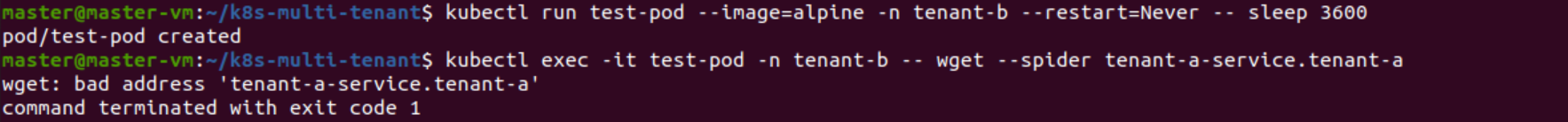
**Step 11**: Test Tenant Isolation.

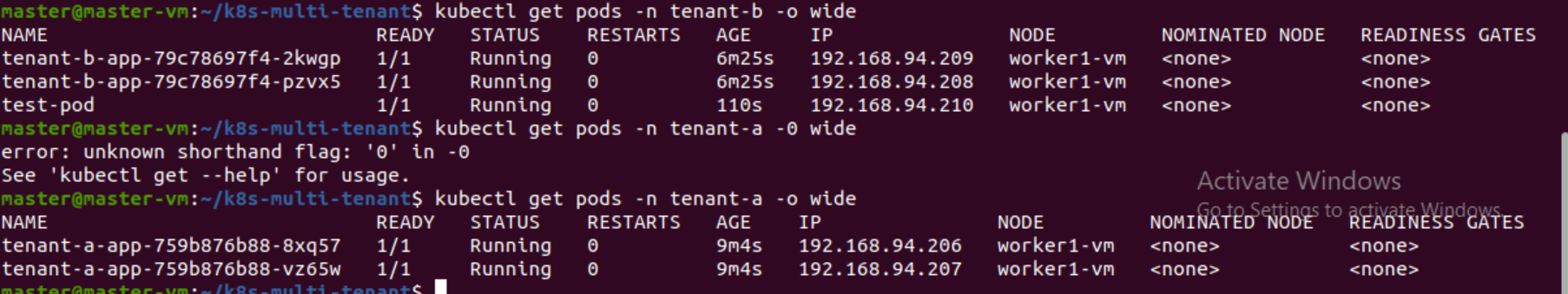
Create a test pod in tenant-b and check access to tenant-a:

In worker docker run.

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****