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|  | #!/usr/bin/env python3 |
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Documentation of Deployment of Kubernetes Client

The downloaded solution.zip folder contain one directory named microservices which contain .proto file corresponding container of a composite pipeline. Main directory contain dockerinfo.json file which is used for orchestration. This folder contain a kubernetes-client-script.py file which is responsible for all the deployments and it also create one extra service for each node of a pipeline “named\_webui” for web interface. This python script first find the free ports and then assign as a node-port to each service then update the node port in dockerinfo.json file.

# Step 1:

Extract the downloaded solution.zip folder.

# Step 2:

Now run the python script kubernetes-client-script.py. You have to provide namespace as parameter to the script.

# Step 3:

You need to verify that deployments and services are deployed successfully.

**kubectl -n namespace get all**

After running this command on terminal, you have to take a look that corresponding pods are running successfully in given namespace.