

Debug Workflow in TACC

WorkFlow

Register User

1. Initiate a POST request to the Account Service server
2. Account Service add new user through Control Node

Submit Job

1. User configuration
2. Config the tuxiv.conf
3. Upload job directory and build environment in Staging Node
4. Submit the job in Staging Node and run the job in Cluster

Monitor Job

Obtain job information from Staging Node

Fetch Job Output

Download log, checkpoints and tensorboard files from Staging Node

Register User

Submit Job

Monitor Job

Fetch Job Output

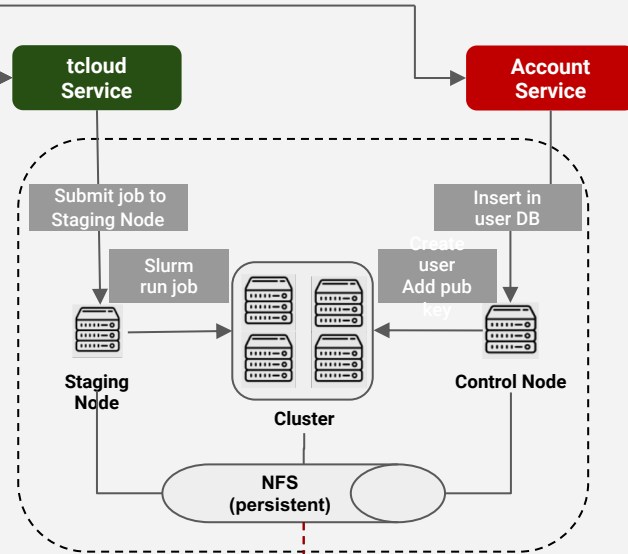
Create new user account

Submit ML job

Query job information

Download job log / data

Computing Services



2 Debug Methods

tcloud SDK Debug

1. `tcloud ls <-Ira> 'Dir'`
2. `tcloud download 'Dir'`

User Application Debug

Allow user to run debuggers via `'app.turing.ust.hk'`. E.g., tensorboard