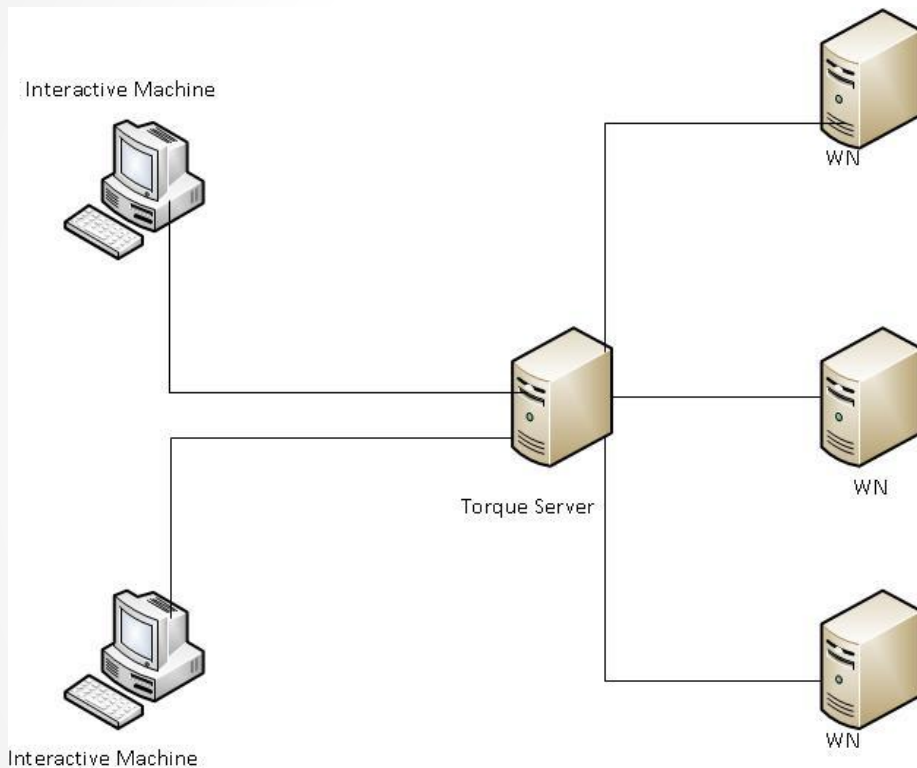


Condor Discussion

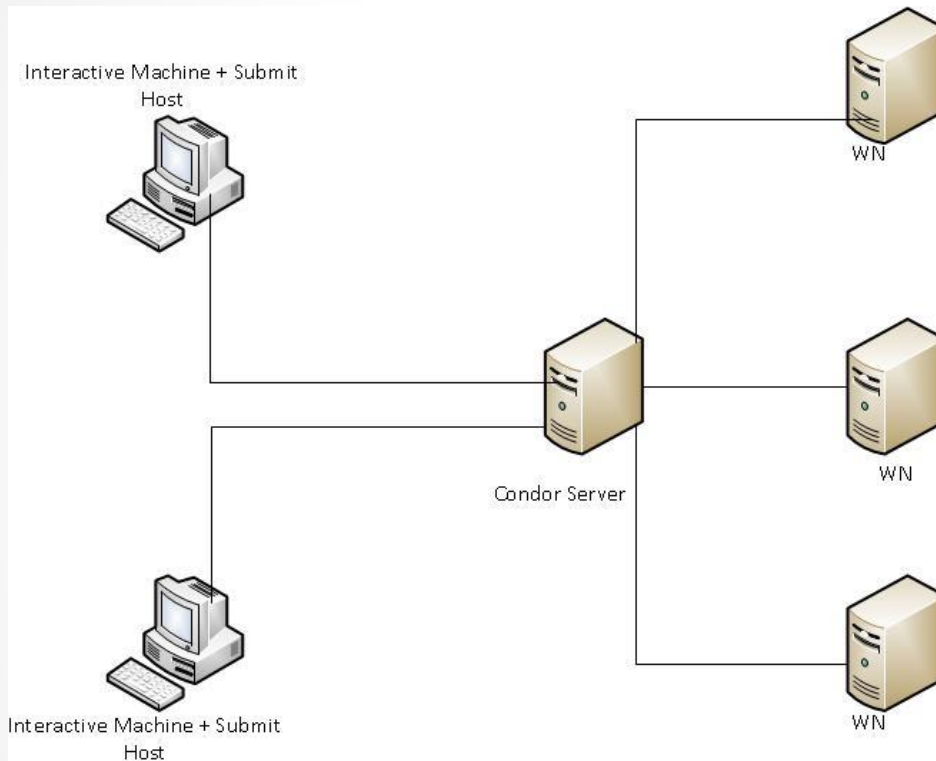
Kashif Mohammad

Torque Setup



- Shared home directories
- Redundant interactive machines
- Job status can be accessed from both submit host and same job ID
- Single config file for scheduling
- Job priority on the basis of expected job run time

Condor Setup



- Both submit hosts running own scheduler process
- Submit hosts are not redundant
- Submit hosts per job process

- Setting up accounting groups?
- Users with multiple group?
- No cputime based attribute
- Setting up fair share across the cluster
- Users migration

```
#!/bin/sh
CONDOR_GROUP=`id -gn | tr -d " \t\n\r"`
export _CONDOR_AccountingGroup="\${CONDOR_GROUP}"
```

```
JobType = \
ifThenElse(request_cputime == undefined, "long", \
ifThenElse(request_cputime <= 2, "short", \
ifThenElse((request_cputime > 2) && (request_cputime
<= 12), "medium", \
ifThenElse(request_cputime > 12, "long", \
#ifThenElse(request_cputime == undefined, "long", \
"long")))))
```

```
request_memory = 100
+request_cputime = 10
```