

# Moab

## Interactive jobs fail and then hang

**Issue:** Interactive jobs fail and then hang.

Syslog:

```
Jan 21 16:31:06 node99 pbs_mom: LOG_ERROR::No route to host (113) in  
start_interactive_session, cannot open interactive qsub socket to host  
headnode1:50408 - 'cannot connect to port 777 in client_to_svr - errno:113 ' - check  
routing tables/multi-homed host issues
```

```
Jan 21 16:46:47 node99 pbs_mom: LOG_ERROR::No route to host (113) in  
start_interactive_session, cannot open interactive qsub socket to headnode1:10293  
- '777 in client_to_svr - errno:113 ' - check routing tables/multi-homed host issues
```

### Solution:

This message means that a connection can not be established due to a firewall, SELinux, or hostname resolution problems. Consider turning off your firewall to test and or disabling SELinux. Also make sure that you can resolve the node and server on both compute node and headnode.

Unique solution ID: #1085

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