Torque

Are there any known issues with using FQDNs instead of short hostnames for interactive/compute nodes for Torque/MOAB?

Issue:

Are there any known issues with using FQDNs instead of short hostnames for interactive/compute nodes for Torque/MOAB?

Solution:

You can use the FQDN or the short name. The only thing that you need to be aware of is that the pbs_mom will report the name that is returned by the command hostname. So if your hostname is ibm07.ac as the example below and the command "hostname" returns "ibm07", no .ac, then the server will not allow the pbs_mom to register itself.

```
[root@ibm02 ~]# ping ibm07
ping: unknown host ibm07
[root@ibm02 ~]# ping ibm07.ac
PING ibm07.ac (10.2.15.6) 56(84) bytes of data.
64 bytes from ibm07.ac (10.2.15.6): icmp_seq=1 ttl=64 time=0.109 ms

[root@ibm02 ~]# ssh ibm07.ac
Last login: Tue May 17 12:09:44 2016 from ibm02.ac
[root@ibm07 ~]# hostname
ibm07.ac
```

You also need to have the $TORQUEHOME/server_priv/nodes files setup with the FQDN for the compute nodes so the pbs_server recognizes the name being reported by the compute node.

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