Torque

How do I migrate server settings to a new server, and retain the job numbering?

Issue: Need to migrate Torque to a new server, yet continue the job numbering

Affected Version: All Versions

Problem: The server running Torque is being replaced, and the job numbering needs to continue rather than start over.

Solution: The steps to migrate Torque include capturing the configuration, and separately capturing the next job ID, then restoring those to the new server. Here's the procedure:

1. On the older server, capture the qmgr settings from the output of: qmgr -c 'p s'

2. Shut down pbs_server (again on the old server) and view the <Torque Home>/server_priv/serverdb file. Note the value for the "<nextjobid>" XML element.

3. Once Torque has been installed on the new server, bring up pbs_server and redirect the output from step 1 into qmgr (with pbs_server running).

4. Shut down pbs_server (via qterm or init script)

5. Edit the file <Torque Home>/server_priv/serverdb -- change the <nextjobid> element to the job ID you recorded from the old server.

6. Start pbs_server

Note that this procedure does not address migrating jobs. That is covered in another KB article.
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