

Switching Standard PD to SSD PD

The following guide is the process that was used to switch the class of the persistent disk used by the database in production from standard to ssd.

- i. Take a manual backup of the database by following [How to do a Manual Database Backup](#).
- ii. Delete the deployment: `kubectl delete deployment backend-database`
- iii. Delete the PVC: `kubectl delete pvc backend-database-pv-claim`
- iv. Manually generate the new manifests: `kubails cluster manifests generate --tag ${COMMIT} --namespace master`
 - Note: Specifically for the backend database manifests, the commit doesn't actually matter.
 - Note 2: Obviously, the new storage class must be specified in `kubails.json` before generating the new manifests.
- v. Deploy the database service again: `kubails cluster manifests deploy backend-database --namespace master`
- vi. Follow [How to Restore a Postgres Dump](#) to restore the backup taken in step 1.