artdaq - Support #20608

Assist in the setup of an artdaq-database (MongoDB) instance on np04-srv-009 for RunControl testing there

08/15/2018 08:33 AM - Kurt Biery

Status:	Resolved	**Start date:**	08/15/2018
Priority:	Normal	**Due date:**	
Assignee:	John Freeman	**% Done:**	100%
Category:		**Estimated time:**	0.00 hour
Target version:			
Experiment:	-	**Co-Assignees:**	

Description

Here is an excerpt from an email from Giovanna today:

```
There have been a few emails going in circles about preparing a test instance of the new run contr
ol on np04-srv-009 without disrupting the production version on np04-srv-010.
Let me re-explain what we need exactly; how this can be achieved is free for experts to choose.

We have started a different instance of the winccoa project on srv-009. We must use it parasitical
ly for testing while the main instance remains running on np04-srv-010 for shifters.
There seems to be a constraint (or is it a legend?) that the mongoldb database instance must run o
n the same machine as the winccoa project. Is this true?

If yes:
- we need a separate snapshot of the existing DB that will not affect the running instance on np04
-srv-010.

If no:
- I suppose only DAQInterface needs to know where the DB is. Where is this set? Can we have the in
stance(s) of daq interface on srv-009 access the mongodb on srv-010?
```

History

#1 - 08/20/2018 04:07 PM - John Freeman

- Status changed from Assigned to Resolved

- % Done changed from 0 to 100

Running the following set of commands sent to me by Gennadiy as root on np04-srv-009:

```
kill -9  34994 #kills the currently running ssh-tunnel that I started from a command line for testing
cp /nfs/sw/database/ssh-tunnel.service /etc/systemd/system/
systemctl enable ssh-tunnel.service
systemctl start ssh-tunnel.service
```

...I was able to set up an ssh-tunnel which allows DAQInterface when run on np04-srv-009 to access the database on np04-srv-010; I successfully tested this using command line DAQInterface in protoDUNE run 1001509.