

IOManager Test Plans

SW Test Plan: IOManager

1. Description/Purpose:

Update IOManager iocs with new devices or changes to existing devices.

2. Systems Affected:

IOC/crate status and remote control

3. Beam Required:

No

4. Invasive:

No

5. Test time needed:

30 minutes

6. Dependencies:

None

7. When:

8. Risk/Benefit:

9. Test plan:

-Note current version of IOManager (we'll call it <PREVVERSION> below)

-Release new version of IOManager and boot into sioc-sys0-cv01, cv02, cv03 (for LCLS) or sioc-sys1-cv01 (for FACET)

-Verify communication with new devices, new PVs

-If there are problems, fix or back out

Backout plan:

Change boot directory links and restart sioc(s). For each sioc, perform the following:

```
cd $EPICS_IOC/IOCNAME>
rm -f bin
ln -s ../iocTop/IOManager/<PREVVERSION>/bin/linux-x86
ssh laci@lcls-daemon1 /etc/init.d/st.<IOCNAME> restart
```

where <IOCNAME> is the ioc's node name, for example sioc-sys0-cv01